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बिहार सरकार

BUILDING CONSTRUCTION DEPARTMENT

Schedule of Rates

Volume – II

(Edition – Nineth)

Effective from : 27.09.2018

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First Edition	:	01.07.2008
Second Edition	:	16.01.2009
Third Edition	:	24.11.2009
Fourth Edition	:	15.06.2011
Fifth Edition	:	16.07.2012
Sixth Edition	:	11.08.2013
Seventh Edition	:	05.09.2014
Eighth Edition	:	17.10.2016
Nineth Edition	**:**	**27.09.2018**

BUILDING CONSTRUCTION DEPARTMENT BIHAR

Published by :

BUILDING CONSTRUCTION DEPARTMENT
BIHAR, PATNA

RATE OF ITEMS
VOLUME-2

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प्रस्तावना

बिहार लोक निर्माण संहिता के कंडिका–103 एवं बिहार सरकार, पथ निर्माण विभाग द्वारा निर्गत संकल्प सह पठित पत्रांक–01/बी–12–2003–5762 (एस) डब्लू0 ई0 पटना दिनांक–05.06.5018 के आलोक में राज्यस्तरीय अनुसूचित दर निर्धारण समिति पथ निर्माण विभाग द्वारा अनुमोदित सामग्रियों का दर, श्रमदर एवं कार्य मदों के फारमेंट के आधार पर भवन निर्माण विभाग के लिये डी0एस0आर0–2007–13 (सी0पी0डब्लू0डी0) के प्रावधान के अनुरूप अनुसूचित दर का प्रथम संस्करण दिनांक 01.07.2008 द्वितीय संस्करण दिनांक 16.01.2009, तृतीय संस्करण दिनांक–24.11.2009, चतुर्थ संस्करण दिनांक 15.06.2011, पंचम संस्करण दिनांक 16.07.2012, षष्ट्म संस्करण दिनांक 11.08.2013, सप्तम संस्करण दिनांक 15.09.2014, अष्टम संस्करण दिनांक 17.10.2016 से लागू किया गया था। राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिये गये सामग्रियों, श्रमदर के पुनरीक्षण एवं अन्य निर्णय के आलोक में दिनांक 17.10.2016 से प्रभावी अनुसूचित दर को पुनरीक्षण करना आवश्यक हो गया था। इस परिपेक्ष्य में भवन निर्माण विभाग द्वारा संशोधित श्रमदर, सामग्री मद इत्यादि के राज्य स्तरीय अनुसूचित दर निर्धारण समिति अनुमोदित दरों के आधार पर दिनांक 27.09.2018 से प्रभावी अनुसूचित दर का नवम् संस्करण तैयार किया गया है, जिसमें निम्नलिखित प्रावधान किये गये हैः–

- ❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख–सह अपर आयुक्त–सह– विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक–मु0नि0(पथ) 21 अनु0 पटना, दिनांक 18.05.2018 के आलोक में श्रमदर जो कि तदनुसार इन सामग्रियों से संबंधित कार्य मदों के दरों का भी पुनरीक्षण किया गया है। श्रम संसाधन विभाग, बिहार की अधिसूचना संख्या–1453 दिनांक 28.03.2018 द्वारा प्रकाशित न्यूनतम दैनिक मजदूरी के आधार पर पुनरीक्षण किया गया है।
- ❖ राज्य स्तरीय अनुसूचित दर निर्धारण समिति की दिनांक 13.03.2018 को हुई बैठक में अनुमोदित ईंट, स्टोनएग्रीगेट तथा बालू के बेसिक दर का पथ निर्माण विभाग के लिए दिनांक 01.04.2018 से लागू अनुसूचित दर के आधार पर इन सामग्रियों से संबंधित कार्यमदों के दर पुनरीक्षण में इनका समावेश किया गया है।

- ❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख–सह अपर आयुक्त–सह–विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक–36 अनु0 दिनांक–31.08.2018 के आलोक में भवन निर्माण विभाग, में व्यवहृत होनेवाले निर्माण सामग्रियों के बेसिक दर के पुनरीक्षिण के फलस्वरूप संबंधित कार्यमदों के दर विश्लेषणों में इसका समावेश किया गया है।
- ❖ राज्य स्तरीय अनुसूचित दर निर्धारण समिति की दिनांक 17.07.2018 के बैठक में अनुमोदित सीमेंट, स्टील, Structural Steel के दर के आधार पर कार्य मद के दर का पुनरीक्षण किया गया है।
- ❖ राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित सामग्रियों के Basic दर में कोई Tax यथा GST, Royalty आदि शामिल नहीं है। कार्य मदों के दर विश्लेषण के Input Basic दर में खनन एवं भूतत्व विभाग द्वारा निर्धारित Royalty को जोड़ दिया गया है।
- ❖ प्रत्येक कार्य मद में केन्द्रीय लोक निर्माण विभाग के अनुमोदित Format के अनुसार GST 12% का प्रावधान Reverse Calculation के आधार पर किया गया है।
- ❖ प्रत्येक कार्य मदों में दर विश्लेषण केन्द्रीय लोक निर्माण विभाग के अनुमोदित Format के आधार पर किया गया है।
- ❖ बिहार लोक निर्माण संहिता के आलोक में केन्द्रीय लोक निर्माण विभाग के दर विश्लेषण के आधार पर स्वच्छताधिष्ठापन, जलापूर्ति, जल निस्सरण, हेरिटेज भवन एवं स्ट्रक्चरल ग्लेजिंग, ए0सी0पी0, पी0भी0सी0 कार्य ग्रेनाईट, रोड वर्क एवं कतीपय New Technology Innovative कार्य से संबधित कार्य मदों के सामग्रियों के दर अनुमोदित कराकर इन कार्य मदों का भी समावेश पुनरीक्षित अनुसूचित दर में किया गया है।
- ❖ पूर्व की भांति प्रस्तुत अनुसूचित दर में भी सीमेंट एवं ईंट का दर गया असैनिक प्रमण्डल के लिए अनुमोदित दर जो कि वर्त्तमान में राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित विभिन्न जोनों के लिए सीमेंट एवं ईंट के दर में न्यूनतम है, को आधार मानकर अनुसूचित दर तैयार किया गया है।
- ❖ दर विश्लेषण में पोर्टलैंड स्लैग सीमेंट (पी0एस0सी0) का दर जो कि राज्य स्तरीय अनुसूचित दर निर्धारण समिति की दिनांक–17.07.2018 की बैठक में अनुमोदित की गयी थी, का प्रयोग किया गया है। अगर किसी भी कार्य मदों में पी0पी0सी0 या ओ0पी0सी0 का उपयोग किया जाता है तो कार्य मदों के दरों में अनुमोदित दर के अनुरूप घटाये या बढ़ाये जायेंगे।

- ❖ मोटा बालू (Coarse Sand), ईंट एवं स्टोन ऐग्रीगेट का दर श्रोत पर लिया गया है। जिसमें किसी प्रकार का Handling Charge सम्मिलित नहीं है।
- ❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख–सह अपर आयुक्त–सह– विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक–मु0नि0(पथ) 76 अनु0 पटना, दिनांक 09.07.2013 के आलोक में अनुमोदित सामग्रियों की ढुलाई दर को पुनरीक्षण दर में शामिल किया गया है।
- ❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख–सह अपर आयुक्त–सह–विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक–मु0नि0(पथ) 30 अनु0 पटना, दिनांक 27.04.2011 के आलोक में वैसे स्थल जहाँ पर रेलवे द्वारा निर्माण सामग्रियों की ढुलाई सम्भव है। वहाँ पर रोड एवं रेलवे दोनो के द्वारा Carriage of Material का दर प्राप्त किया जाय तथा दोनो में से न्यूनतम दर को ही प्रयोग में लाया जाय।
- ❖ ईंट, बालू, चीप्स आदि के लिए अधिकतम लीड एवं कैरेज का दर दिनांक 01.07.2008 से लागू अनुसूचित दर के प्रस्तावना में उल्लेखित कंडिकाओं के अनुसार ही प्रावधान किया गया है।
- ❖ संयोजक, राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख–सह अपर आयुक्त–सह–विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना के पत्रांक – मु0 नि0 (पथ) 53/18–21 दिनांक 18.05.2018 के अनुसार TATA, SAIL, VIZAG एवं Shyam Steel Industries Ltd. का स्टील प्रयोग निर्माण कार्यों में किया जाना है।
- ❖ दर विश्लेषण में श्रमिक कल्याण कोष हेतु 1% (एक प्रतिशत) सेस का प्रावधान किया गया है।
- ❖ समिति के निर्णयानुसार सक्षम पदाधिकारी, निर्माण कार्य क्षेत्र से जोन के अनुसार ही सीमेंट, ईंट के निर्धारित दर का प्रयोग करेंगे और इसके अनुसार दर में अंतर की राशि को प्राक्कलन में जोड़ेगें या घटायेंगे।
- ❖ वर्त्तमान पुनरीक्षित अनुसूचित दर में फ्लाई एश से संबंधित मदों को शामिल किया गया है। ताकि फ्लाई एश से संबंधित सामग्रियों का ज्यादा–से–ज्यादा निर्माण कार्यों में प्रयोग किया जा सके।
- ❖ अनुसूचित दर के पुनरीक्षण एवं वर्त्तमान संस्करण को तैयार करने में यथा संभव सावधानी बरती गई है, फिर भी ऐसी सम्भावना है कि इस अनुसूचित दर को तैयार करने में कुछ त्रुटि रह गई हो तो जो व्यवहार में लाने के क्रम में दृष्टिगोचर हो सकती है। ऐसी स्थिति में अनुरोध है कि उन त्रुटियों को विभागीय अनुसूचित दर निर्धारण समिति के जानकारी में अविलम्ब दी जाय ताकि

विचारोपरांत उन त्रुटियों का समुचित निराकरण किया जा सके। प्रायः यह देखा जा रहा है कि क्षेत्रीय स्तर से कोई सुझाव इत्यादि समय पर नहीं प्राप्त हो रहे हैं, जिससे अनुसूचित दर को और भी ज्यादा व्यवहारिक और उपयोगी बनाने में असहजता महसूस की जा रही है।

❖ इस अनुसूचित दर पुस्तिका के सभी उपयोग करने वाले को यह परामर्श दिया जाता है कि इनके द्वारा कार्यमद के दर विश्लेषण एवं विशिष्टियों का गहन अध्ययन अवश्य करें एवं इससे संबंधित सुझाव विभाग को उपलब्ध कराना सुनिश्चित करें।

❖ भवन निर्माण विभाग, बिहार, पटना के अनुसूचित दर के पुनरीक्षण एवं वर्त्तमान संस्करण को तैयार करने में तथा उसे प्रभावी बनाने में **श्री राम बाबू प्रसाद, कार्यपालक अभियन्ता, संरचना प्रमंडल संख्या–2, पटना** का अथक परिश्रम एवं सहयोग रहा है जिसके लिए विभाग इनकी सराहना करती है।

संरचना प्रमण्डल संख्या–2 के कनीय अभियन्ता सुश्री वैशाली, लवली कुमारी एवं मणि भारती तथा संरचना प्रमण्डल संख्या–2 के सभी कर्मचारी मुख्य अभियंता (पटना) कोषांग के श्री संतोष कुमार, कम्प्यूटर ऑपरेटर एवं भवन निर्माण विभाग के अन्य कर्मचारीगण का उनके महत्वपूर्ण योगदान के लिए सहराना करती है।

राज्य अनुसूचित दर निर्धारण समिति के अध्यक्ष एवं सभी सदस्यों के साथ–साथ विभागीय पदाधिकारी श्री कश्यप कुमार गुप्ता, मुख्य अभियन्ता (पटना), श्री रामजी राय, मुख्य अभियन्ता, (उ0), श्री उपेन्द्र नारायण, मुख्य अभियन्ता, (द0), श्री योगेन्द्र सिंह, मुख्य अभियंता(निरूपण) एवं श्री असीम कुमार, मुख्य विद्युत अभियंता, श्री अनिल कुमार, मुख्य वास्तुविद एवं श्री नवीन कुमार, अभियंता प्रमुख के सचिव(प्रावैधिक), भवन निर्माण विभाग, बिहार, पटना को भी अनुसूचित दर पुस्तिका के पुनरीक्षण, सहयोग एवं सुझावों के लिए उनके प्रति आभार प्रगट किया जाता है। श्री चंचल कुमार, प्रधान सचिव, भवन निर्माण विभाग, बिहार, पटना एवं श्री अमित कुमार, संयुक्त सचिव, भवन निर्माण विभाग, श्री रवि शंकर चौधरी, संयुक्त सचिव, भवन निर्माण विभाग, बिहार, पटना को उनके मार्ग दर्शन, प्रेरणा एवं दर पुनरीक्षण हेतु उनके द्वारा दिये गये मूल्यवान सुझाव के लिए कृतज्ञता व्यक्त की जाती है।

यह पुनरीक्षित अनुसूचित दर दिनांक–27.09.2018 से प्रभावी किया जाता है।

(लक्ष्मी नारायण दास)
अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव,
भवन निर्माण विभाग, बिहार, पटना

बिहार सरकार

राज्य स्तरीय अनुसूचित दर निर्धारण समिति
पथ निर्माण विभाग, बिहार, पटना।
E-mail ID-sorrcd2012@gmail.com

पत्रांकः– मु0 नि0 (पथ) 23/2007 अश– II 36 (अनु0) /दिनांकः– 31/08/2018

प्रेषक,

लक्ष्मी नारायण दास,
संयोजक
राज्य स्तरीय अनुसूचित दर निर्धारण समिति
–सह–अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

सेवा में,

अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव,
भवन निर्माण विभाग, बिहार, पटना।

विषयः– **वर्ष 2018–19 के लिये लागू की जानेवाली अनुसूचित दर के लिये भवन निर्माण कार्यों में प्रयुक्त होनेवाली विभिन्न सामग्रियों के दर निर्धारण पर राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिनांक–14.08.2018 की बैठक में लिये गये निर्णय का प्रेषण।**

प्रसंगः– आपका पत्रांक–8198(भ.) पटना, दिनांक–02.08.2018

महाशय,

उपर्युक्त विषयक एवं प्रासंगिक पत्र के संबंध में कहना है कि राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिनांक–14.08.2018 की बैठक में भवन निर्माण विभाग, बिहार, पटना द्वारा प्रस्तावित वर्ष 2018–19 के लिये लागू की जानेवाली सामग्रियों की दर की अनुमोदित प्रति आवश्यक कार्रवाई हेतु समर्पित की जाती है। यदि नई स्वीकृत दरों में कोई त्रुटि या विसंगति परिलक्षित हुई तो इसकी सूचना अधोहस्ताक्षरी को अविलम्ब देने की कृपा की जाय।

अनु0– सामग्रियों की अनुमोदित बेसिक दर सूचि (54 पृष्ठों में)।

विश्वासभाजन

31/8/18

(लक्ष्मी नारायण दास)
संयोजक
राज्य स्तरीय अनुसूचित दर निर्धारण समिति
–सह–अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

31/8/18

दिनांक–14.08.2018 को आहूत राज्य स्तरीय अनुसूचित दर निर्धारण समिति की विशेष बैठक की कार्यवाही में लिये गये निर्णय :–

1. **वर्ष 2018–19 के लिए लागू की जानेवाली अनुसूचित दर के लिए भवन निर्माण विभाग, बिहार में प्रयुक्त होनेवाली विभिन्न सामग्रियों के दर निर्धारण के संबंध में**–अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव, भवन निर्माण विभाग, बिहार, पटना के पत्रांक–8198(भ.), दिनांक–02.08.2018 के द्वारा वर्ष 2018–19 के लिए लागू की जानेवाली अनुसूचित दर के लिए भवन निर्माण कार्यो में प्रयुक्त होनेवाली सामग्रियों का दर प्राप्त हुआ है।

   उक्त प्रस्तावित दर मुख्यतः DSR 2016 में सन्निहित सामग्रियों के दर एवं अन्य मद राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा वर्ष 2016 के लिए अनुमोदित दर पर आधारित है। DSR 2016 के दर में सन्निहित वैट एवं अन्य करों को घटाकर अप्रैल 2016 के थोक मूल्य सूचकांक (109.00) को आधार मानते हुए जून 2018 (119.20) के थोक मूल्य सूचकांक में हुई प्रतिशत वृद्धि के आधार पर प्रस्ताव तैयार कर समर्पित किया गया है।

   भवन निर्माण विभाग के प्रस्ताव पर वर्ष 2018–19 के लिए भवन निर्माण के विभिन्न सामग्रियों के दर को संलग्न विवरणी के अनुसार सर्वसम्मति से सम्यक विमर्शोपरान्त अनुमोदित करने का निर्णय लिया गया।

2. **Dalmia Bharat Group सीमेंट कम्पनी द्वारा पथ निर्माण विभाग, बिहार, पटना के SOR में Composite Cement (IS 16415:2015) को शामिल करने से संबंधित प्रस्ताव के संबंध में**– इस संबंध में समिति के सभी सदस्यों द्वारा सर्वसम्मति से विभिन्न सीमेंट निर्माता कम्पनीयों से Composite Cement के Production एवं Quality के साक्ष्य के साथ जानकारी प्राप्त करने का निर्णय लिया गया।

3. **स्टील निर्माता कम्पनी SRMB SRIJAN Pvt Ltd से प्राप्त आवेदन के संबंध में** :– इस संबंध में सम्यक विचारोपरान्त सर्वसम्मति से पूर्व में दिनांक–08.05.2018 को आहूत राज्यस्तरीय अनुसूचित दर निर्धारण समिति की हुई बैठक में लिए गए निर्णय को यथावत् रखने का निर्णय लिया गया।

4. **अन्यान्यः**–

   (i) लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना से प्राप्त सोलर वाटर DC Submersible Pump 1HP, 2HP एवं 3HP के दर अनुमोदन के संबंध में– इस संबंध में 1HP, 2HP एवं 3HP Solar Water DC Submersible Pump की आपूर्ति, अधिष्ठापन, मरम्मति, सम्पोषण एवं रख–रखाव से संबंधित दर प्रस्ताव पर विचार–विमर्श किया गया। समिति के सदस्यों द्वारा विशेष परिस्थिति में सर्वसम्मति से संलग्न सूची के अनुसार दर अनुमोदन करने का निर्णय लिया गया।

   (ii) भवन निर्माण विभाग, बिहार, पटना के अन्तर्गत विद्युत संबंधित कार्य में प्रयुक्त सामग्रियों के अनुसूचित दर पुस्तक के अनुमोदन के संबंध में – इस संबंध में भवन निर्माण विभाग के अन्तर्गत

कृ०पृ०उ०

विद्युत प्रभाग द्वारा समर्पित प्रस्ताव पर समिति के सदस्यों द्वारा विचार–विमर्श किया गया तथा संलग्न सूची के अनुसार विद्युत सामग्रियों के अनुसूचित दर पुस्तक को अनुमोदित करने का निर्णय लिया गया।

(iii) अभियंता प्रमुख, ग्रामीण कार्य विभाग द्वारा यह संज्ञान में लाया गया कि पथ निर्माण विभाग के Overhead मद में प्रावधानित 10% Charge में 4% राशि VAT सन्निहित है, इस तरह finished Rate की गणना में Labour पर GST के रूप में अधिक राशि प्रदर्शित होती है, जो एक विसंगति है, जिसे दूर किया जाना चाहिए। समिति द्वारा इस विषय पर विचार–विमर्श किया गया। MORT&H के Standard Data book में पूर्व से दर–विश्लेषण में Overhead मद में VAT सन्निहित है। चूँकि MORT&H के Standard Data book के आधार पर ही दर निर्धारण किया जाना है, ऐसी परिस्थिति में जबतक MORT&H के Standard Data book का Revision नहीं होता है, तबतक के लिए यथास्थिति बनाए रखने का निर्णय लिया गया।

14/8/18
सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, भवन निर्माण विभाग, बिहार, पटना।

14.8.18
सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, लघु जल संसाधन विभाग, बिहार, पटना

14.8.18
सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–मुख्य अभियंता (असैनिक) बिहार स्टेट पावर होल्डिंग कंपनी लि0, बिहार, पटना

14/8/18
सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–मुख्य अभियंता, (विधुत) भवन निर्माण विभाग, बिहार, पटना

14/08/18
सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, तकनीकी परीक्षण कोषांग, निगरानी विभाग, बिहार, पटना

14.8.18
सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना

14/8/18
सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, मुख्यालय जल संसाधन विभाग, बिहार, पटना।

14/8/18
संयोजक
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना।

0.3 MATERIALS FOR BUILDING WORK AND ROAD WORK

Note.- These rates are exclusive of contractor's profit, over heads ,carriage and all octroi (vat,Excise,GST, Royity and other taxes)

Code No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
0200	Plain ended valley gutters Sheets 6 mm thick (corrugated)	sqm	209.74		1.175	178.50	1.09360	195.21	****
0204	Curved barge board	each	153.95		1.175	131.02	1.0936	143.28	****
0205	Barge Board 2.44 metre long	each	359.83		1.175	306.24	1.0936	334.90	****
0206	Barge Board 1.83 metre long	each	269.40		1.175	229.28	1.0936	250.74	****
0207	Drop end for plain ended valley gutter One piece plain angular ridge 1.22 metres long	each	155.86		1.175	132.65	1.0936	145.06	****
0208	Plain ended valley gutters Serrated or plain wing Adjustable Ridge 1.22 m long	pair	213.60		1.175	181.79	1.0936	198.80	****
0209	Close fittings adjustable ridge 1.10 m long	pair	242.45		1.175	206.34	1.0936	225.65	****
0210	Drop end for plain ended valley gutter North light adjustable ridge 1.22 mm long	pair	213.60		1.175	181.79	1.0936	198.80	****
0211	Plain ended valley gutters Ridge finials	pair	109.68		1.175	93.34	1.0936	102.08	****
0212	Plain ended valley gutters Unserrated adjustable ridge for hips	pair	213.60		1.175	181.79	1.0936	198.80	****
0213	Plain ended valley gutters Roof light (1.52 metre long)	each	1154.54		1.175	982.59	1.0936	1074.56	****
0214	Apron flashing pieces	each	150.09		1.175	127.74	1.0936	139.69	****
0215	Drop end for plain ended valley gutter Eaves filler pieces	each	109.68		1.175	93.34	1.0936	102.08	****
0216	Drop end for plain ended valley gutter North light ventilator curves	each	263.63		1.175	224.37	1.0936	245.37	****
0219	Drop end for plain ended valley gutter Expansion joint for North light curves	each	161.64		1.175	137.57	1.0936	150.44	****
0220	Drop end for plain ended valley gutter Expansion joint for ridges	pair	302.11		1.175	257.11	1.0936	281.18	****
0221	Drop end for plain ended valley gutter Louvers 'S' type (1.75 m)	each	127.01		1.175	108.09	1.0936	118.21	****
0222	Seam bolts nuts 6mm dia and 25mm long	10 Nos	41.61	37.00	1.175	31.49	1.0936	34.44	*
0223	Non asbestos Fibre (high impact poly propelene reinforced) cement corrugated sheet 6 mm thick	sqm	260.05	225.00	1.175	191.49	1.0936	209.41	*
0224	Non asbestos Fibre (high impact poly propelene reinforced) cement close fitting adjustable ridge	metre	218.44	210.00	1.175	178.72	1.0936	195.45	*
0225	Non asbestos Fibre (high impact poly propelene reinforced) cement corrugate serrated adjustable ridge	metre	218.44	210.00	1.175	178.72	1.0936	195.45	*
0226	Non asbestos Fibre (high impact poly propelene reinforced) cement plain wing adjustable ridge	metre	208.04	210.00	1.175	178.72	1.0936	195.45	*
0227	Non asbestos Fibre (high impact poly propelene reinforced) cement unserrated adjustable ridge for hips	metre	312.07	210.00	1.175	178.72	1.0936	195.45	*
0228	Non asbestos Fibre (high impact poly propelene reinforced) cement corrugated apron piece	metre	234.04	200.00	1.175	170.21	1.0936	186.14	*
0229	Non asbestos Fibre (high impact poly propelene reinforced) cement eaves filler piece	each	182.04	175.00	1.175	148.94	1.0936	162.88	*
0230	Non asbestos Fibre (high impact poly propelene reinforced) cement north light curves	metre	322.46	280.00	1.175	238.30	1.0936	260.60	*
0231	Non asbestos Fibre (high impact poly propelene reinforced) cement ventilator curves	each	426.49	310.00	1.175	263.83	1.0936	288.52	*
0232	Non asbestos Fibre (high impact poly propelene reinforced) cement barge boards boards 6mm thick	metre	426.49	400.00	1.175	340.43	1.0936	372.29	*
0233	Non asbestos Fibre (high impact poly propelene reinforced) cement ridge finial	pair	166.44	165.00	1.175	140.43	1.0936	153.57	*
0234	Non asbestos Fibre (high impact poly propelene reinforced) cement special north light curves	each	572.12	555.00	1.175	472.34	1.0936	516.55	*
0235	Non asbestos Fibre (high impact poly propelene reinforced) cement S type louvers	each	260.05	260.00	1.175	221.28	1.0936	241.99	*
0236	Multi purpose fibre (high impact poly propelene reinforced) cement boards 6mm thick	sqm	208.04	210.00	1.175	178.72	1.0936	195.45	*

S.O.R-BCD(0.3) 9th Edition

Code No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
0237	Multi purpose fibre (high impact poly propelene reinforced) cement boards8mm thick	sqm	260.05	215.00	1.175	182.98	1.0936	200.11	*
0238	6 mm thick heavy duty fiber cement board	sqm		440.00	1.175	374.47	1.0936	409.52	*
0239	8mm thick heavy duty fiber cement board	sqm		322.00	1.175	274.04	1.0936	299.69	*
0240	9 mm thick heavy duty fiber cement board	sqm		659.00	1.175	560.85	1.0936	613.35	*
0241	12.5 mm thick Gypsum plaster board	sqm		160.00	1.175	136.17	1.0936	148.92	*
0242	6 mm thick multipurpose cement bonded wood particle board conforming to IS : 14276	sqm		205.00	1.175	174.47	1.0936	190.80	*
0243	8 mm thick multipurpose cement bonded wood particle board conforming to IS : 14276	sqm		210.00	1.175	178.72	1.0936	195.45	*
0285	Brick Aggregate (Single size) 63 mm nominal size	cum	1378.65			1222.00		1222.00	**
A	For Uraban Patna	cum	1470.00			1303.00		1303.00	**
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	1407.00			1247.00		1247.00	**
C	For other places	cum	1378.65			1222.00		1222.00	**
D	For Patna Rural	cum	1436.40			1273.00		1273.00	**
0286	Brick Aggregate (Single size) 50 mm nominal size	cum	1378.65			1351.00		1351.00	**
A	For Uraban Patna	cum	1470.00			1452.00		1452.00	**
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	1407.00			1392.00		1392.00	**
C	For other places	cum	1378.65			1351.00		1351.00	**
D	For Patna Rural	cum	1436.40			1408.00		1408.00	**
0287	Brick Aggregate (Single size) 40 mm nominal size	cum	1378.65			1351.00		1351.00	**
A	For Uraban Patna	cum	1470.00			1452.00		1452.00	**
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	1407.00			1392.00		1392.00	**
C	For other places	cum	1378.65			1351.00		1351.00	**
D	For Patna Rural	cum	1436.40			1408.00		1408.00	**
0291	Stone Aggregate (Single size) 63 mm nominal size	cum	458.12			331.67		331.67	**
0292	Stone Aggregate (Single size) 50 mm nominal size.	cum	458.12			331.67		331.67	**
0293	Stone Aggregate (Single size) 40 tum nominal size	cum	472.54			345.22		345.22	**
0294	Stone Aggregate (Single size) 25 mm nominal size	cum	563.31			430.48		430.48	**
0295	Stone Aggregate (Single size) 20 mm nominal size	cum	590.84			456.33		456.33	**
0296	Stone Aggregate (Single size) 12.5 mm nominal size	cum	689.78			549.26		549.26	**
0297	Stone Aggregate (Single size) 10 mm nominal size	cum	659.07			520.42		520.42	**
0298	Stone Aggregate (Single size) 6 mm nominal size	cum	437.69			312.49		312.49	**
0302	Safeda ballies 125 mm diameter	metre	43.69	35.00	1.175	29.79	1.0936	32.58	*
0303	Cowdung	cum	49.93	50.00	1.175	42.55	1.0936	46.54	*
0304	Bajri	cum	1040.21	1200.00	1.175	1021.28	1.0936	1116.87	*
0305	Bamboo 25mm dia 2.5 meter long	score	364.07	400.00	1.175	340.43	1.0936	372.29	*
0308	Bhusa	quintal	416.08	600.00	1.175	510.64	1.0936	558.43	*
0309	Paving bitumen S-90 of approved quality	tonne	41608.33	29600.00	1.175	25191.49	1.0936	27549.41	*
0310	Bitumen emulsion	tonne	27365.10			39495.00		39495.00	**
0312	Bitumen grade PMB- 40	tonne	43064.62	38550.00	1.175	32808.51	1.0936	35879.39	*
0313	Blown type petrolium bitumin of Penetration 85/25 of approved quality	tonne	38487.70	34561.00	1.175	29413.62	1.0936	32166.73	*
0314	Bitumen hot sealing compound Grade A	kilogram	27.04	28.00	1.175	23.83	1.0936	26.06	*
0316	Bitumen hot sealing compound Bitumen solution primer of approved quality	litre	46.81	50.00	1.175	42.55	1.0936	46.54	*
0317	Premoulded joint filler 12 mm thick	sqm	364.07	303.00	1.175	257.87	1.0936	282.01	*
0318	Bitumen felt fibre base (vegetable or animal) :As per IS 7193 Grade I	sqm	62.41	70.00	1.175	59.57	1.0936	65.15	*
0319	Bitumen felt as per IS 7193 Grade II	sqm	79.05	80.00	1.175	68.09	1.0936	74.46	*

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1	2	3	4	5.00	6	7	8	9	10
0322	Bitumen felt Type 3 grade I confirming to IS : 1322	sqm	32.41	70.00	1.175	59.57	1.0936	65.15	*
0323	Separation Membrane of impermeable plastic sheeting 125 micron thick	sqm	12.48	12.00	1.175	10.21	1.0936	11.17	*
0324	Coal tar	litre	31.20	30.00	1.175	25.53	1.0936	27.92	*
0325	Blasting Material Blasting powder	kilogram	36.41	35.00	1.175	29.79	1.0936	32.58	*
0326	Blasting Material Blasting fuse (fuse wire)	each	15.60	15.00	1.175	12.77	1.0936	13.96	*
0328	White face insulating board: 12 mm thick	sqm	374.48	250.00	1.175	212.77	1.0936	232.68	*
0332	Natural colour insulating board: 12 mm thick	sqm	280.85	220.00	1.175	187.23	1.0936	204.76	*
0336	Flame retardant face insulating board: 12 mm thick	sqm	327.67	330.00	1.175	280.85	1.0936	307.14	*
0339	Flame retardant face insulating board: Impregnated fibre board 12 mm thick	sqm	364.07	350.00	1.175	297.87	1.0936	325.75	*
0341	Flat pressed 3 layer particle board (medium density) Grade I 12 mm thick	sqm	338.06	330.00	1.175	280.85	1.0936	307.14	*
0346	Extra for veneered particle board with Teak veneering on one side and commercial veneering on other side	sqm	270.46	270.00	1.175	229.79	1.0936	251.30	*
0347	Extra for veneered particle board with Commercial veneering on both sides	sqm	176.83	180.00	1.175	153.19	1.0936	167.53	*
0348	Extra for veneered particle board with Teak veneering on both sides	sqm	520.10	500.00	1.175	425.53	1.0936	465.36	*
0349	Curing compound	litre	52.01	30.00	1.175	25.53	1.0936	27.92	*
0351	Integral crystalline slurry	kg		270.00	1.175	229.79	1.0936	251.30	*
0352	Integral crystalline admixture	kg		309.00	1.175	262.98	1.0936	287.59	*
0353	Crystalline mortar	kg		248.00	1.175	211.06	1.0936	230.82	*
0354	Integral crystalline dry shake	kg		412.00	1.175	350.64	1.0936	383.46	*
0355	Swellable type water stop tape	metre		416.00	1.175	354.04	1.0936	387.18	*
0356	Primer for swellable type water stop tape	litre		1750.00	1.175	1489.36	1.0936	1628.77	*
0357	Polymer modified adhesive mortar	kg		14.50	1.175	12.34	1.0936	13.50	*
0362	Brick bats	cum	1135.05			1004.00		1004.00	**
A	For Uraban Patna	cum	1236.90			1095.00		1095.00	**
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	1168.65			1050.00		1050.00	**
C	For other places	cum	1135.05			1004.00		1004.00	**
D	For Patna Rural	cum	1185.45			1049.00		1049.00	**
0364	Wire brush	each	20.80	20.00	1.175	17.02	1.0936	18.61	*
0365	Soft brush	each	18.72	18.00	1.175	15.32	1.0936	16.75	*
0367	Portland Slag cement (P.S.C.)	tonne	6126.73			5474.00		5474.00	***
367A	Patna	tonne	6399.13			5718.00		5718.00	***
367B	Muzaffarpur	tonne	6399.13			5688.00		5688.00	***
367C	Darbhanga	tonne	6399.13			5572.00		5572.00	***
367D	Bhagalpur	tonne	6399.13			5704.00		5704.00	***
367E	Munger	tonne	6151.70			5492.00		5492.00	***
367F	Saharsa	tonne	6399.13			5670.00		5670.00	***
367G	Purnea	tonne	6399.13			5572.00		5572.00	***
367H	Gaya	tonne	6126.73			5474.00		5474.00	***
67 I	Saran	tonne	6303.79			5630.00		5630.00	***
367	Portland pozalona cement (P.P.C.)	tonne	4571.78			3984.00		3984.00	***
367A	Patna	tonne	5200.57			4532.00		4532.00	***
367B	Muzaffarpur	tonne	5200.57			4376.00		4376.00	***
367C	Darbhanga	tonne	5286.83			4376.00		4376.00	***
367D	Bhagalpur	tonne	5200.57			4532.00		4532.00	***
367E	Munger	tonne	5148.36			4490.00		4490.00	***
367F	Saharsa	tonne	5286.83			4454.00		4454.00	***
367G	Purnea	tonne	5286.83			4606.00		4606.00	***
367H	Gaya	tonne	4571.78			3984.00		3984.00	***
67 I	Saran	tonne	5082.53			4428.00		4428.00	***
367	Ordinary Portland cement (O.P.C.) Grade 43	tonne				4882.00		4882.00	***
367A	Patna	tonne				5156.00		5156.00	***
367B	Muzaffarpur	tonne				5156.00		5156.00	***
367C	Darbhanga	tonne				5156.00		5156.00	***
367D	Bhagalpur	tonne				5076.00		5076.00	***

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1	2	3	4	5.00	6	7	8	9	10
)367E	Munger	tonne				5076.00		5076.00	***
)367F	Saharsa	tonne				5156.00		5156.00	***
)367G	Purnea	tonne				5156.00		5156.00	***
)367H	Gaya	tonne				4882.00		4882.00	***
367 I	Saran	tonne				5068.00		5068.00	***
0368	White cement	tonne	14562.92	11200.00	1.175	9531.91	1.0936	10424.10	*
0369	Plastic sheath,1.25 mm thick for dowel bars	sqm	31.20	30.00	1.175	25.53	1.0936	27.92	*
0370	Coal (Steam)	quintal	416.08	400.00	1.175	340.43	1.0936	372.29	*
0371	Sealant primer	kg	130.03	125.00	1.175	106.38	1.0936	116.34	*
0373	Cramp Gun metal 25x6x300 mm	each	83.22	80.00	1.175	68.09	1.0936	74.46	*
0374	Pre moulded Joint filler, 25 mm thick for expansion joint.	sqm	520.10	450.00	1.175	382.98	1.0936	418.83	*
0378	Brass butt hinges (Light/Ordinary type) 125x70x4 mm	ten	884.17	850.00	1.175	723.40	1.0936	791.11	*
0379	Brass butt hinges (Light/Ordinary type) 100x70x4 mm	ten	728.15	700.00	1.175	595.74	1.0936	651.51	*
0380	Brass butt hinges (Light/Ordinary type) 75x40x2.5 mm	ten	447.29	430.00	1.175	365.96	1.0936	400.21	*
0381	Brass butt hinges (Light/Ordinary type) 50x40x2.5 mm	ten	187.24	180.00	1.175	153.19	1.0936	167.53	*
0382	Brass butt hinges (heavy type) 125x85x5.5 mm(0.70kg)	ten	3224.65	1442.00	1.175	1227.23	1.0936	1342.10	*
0383	Brass butt hinges (heavy type; 100x85x5.5 mm(0.56kg)	ten	2860.58	1153.00	1.175	981.28	1.0936	1073.12	*
0384	Brass butt hinges (heavy type) 75x65x4.0 mm(0.20kg)	ten	988.20	950.00	1.175	808.51	1.0936	884.19	*
0385	Brass parliamentary hinges 150x125x27x5 mm	ten	2964.60	3000.00	1.175	2553.19	1.0936	2792.17	*
0386	Brass parliamentary hinges 125x125x27x5 mm	ten	2600.52	2600.00	1.175	2212.77	1.0936	2419.88	*
0387	Brass parliamentary hinges 100x125x27x5 mm	ten	2392.48	2400.00	1.175	2042.55	1.0936	2233.74	*
0388	Brass parliamentary hinges 75x100x20x3.2 mm	ten	1820.36	2100.00	1.175	1787.23	1.0936	1954.52	*
0389	Brass single acting spring hinges 150 mm	each	322.46	460.00	1.175	391.49	1.0936	428.13	*
0390	Brass single acting spring hinges 125 mm	each	280.85	298.00	1.175	253.62	1.0936	277.36	*
0391	Brass single acting spring hinges 100 mm	each	176.83	260.00	1.175	221.28	1.0936	241.99	*
0392	Brass double acting Spring Hinges 150mm	each	520.10	498.00	1.175	423.83	1.0936	463.50	*
0393	Brass double acting Spring Hinges 125mm	each	384.88	410.00	1.175	348.94	1.0936	381.60	*
0394	Brass double acting Spring Hinges 1 OOmm	each	332.87	370.00	1.175	314.89	1.0936	344.37	*
0400	Brass tower bolts (barrel type) 250x10 mm	each	239.25	250.00	1.175	212.77	1.0936	232.68	*
0401	Brass tower bolts (barrel type) 200x10 mm	each	187.24	200.00	1.175	170.21	1.0936	186.14	*
0402	Brass tower bolts (barrel type) 150x10 mm	each	150.83	150.00	1.175	127.66	1.0936	139.61	*
0403	Brass tower bolts (barrel type) 100x10 mm	each	98.82	100.00	1.175	85.11	1.0936	93.07	*
0404	Brass flush bolts 250 mm	each	156.03	150.00	1.175	127.66	1.0936	139.61	*
0405	Brass flush bolts 150 mm	each	135.22	130.00	1.175	110.64	1.0936	120.99	*
0406	Brass flush bolts 100 mm	each	93.62	90.00	1.175	76.60	1.0936	83.77	*
0408	Brass handles 125mm with plate 175x32 mm	each	145.63	140.00	1.175	119.15	1.0936	130.30	*
0409	Brass handles 100mm with plate 150x32 mm	each	135.22	130.00	1.175	110.64	1.0936	120.99	*
0410	Brass handles 75mm with plate 125x32 mm	each	104.02	100.00	1.175	85.11	1.0936	93.07	*
0411	Brass door latch 300x16x5 mm (0.380 Kg)	each	171.64	180.00	1.175	153.19	1.0936	167.53	*
0412	Brass door latch 250x16x5 mm (0.350 Kg)	each	166.64	170.00	1.175	144.68	1.0936	158.22	*
0413	Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	384.88	390.00	1.175	331.91	1.0936	362.98	*
0414	Brass mortice latch 100x65 mm with a pair of brass level handles	each	332.87	300.00	1.175	255.32	1.0936	279.22	*
0417	Brass 150mm floor door stopper (0.357 Kg)	each	176.83	170.00	1.175	144.68	1.0936	158.22	*
0418	Brass hard drwn hooks and eyes : 00mm	10 nos	780.15	650.00	1.175	553.19	1.0936	604.97	*
0419	Brass hard drawn hooks and eyes 250 mm	ten	728.15	635.00	1.175	540.43	1.0936	591.01	*
0420	Brass hard drawn hooks and eyes 200 mm	ten	670.94	590.00	1.175	502.13	1.0936	549.13	*
0421	Brass hard drawn hooks and eyes 150 mm	ten	844.93	450.00	1.175	382.98	1.0936	418.83	*
0422	Brass hard drawn hooks and eyes 100 mm	ten	546.11	400.00	1.175	340.43	1.0936	372.29	*
0423	Brass casement window fastener	each	52.01	50.00	1.175	42.56	1.0936	46.54	*
0424	Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	each	140.43	135.00	1.175	114.89	1.0936	125.65	*
0425	Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg	each	114.42	110.00	1.175	93.62	1.0936	102.38	*

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1	2	3	4	5.00	6	7	8	9	10
0426	Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg	each	104.02	100.00	1.175	85.11	1.0936	93.07	*
0427	Brass quadranl stays 300 mm	each	130.03	125.00	1.175	106.38	1.0936	116.34	*
0428	Brass fanlight catch	each	182.04	200.00	1.175	170.21	1.0936	186.14	*
0429	Brass fanlight pivot	ten	202.84	195.00	1.175	165.96	1.0936	181.49	*
0430	Brass chain with hook for fan light catch	each	41.61	40.00	1.175	34.04	1.0936	37.23	*
0431	Brass hasps and Staples (Safety type) 150 mm	ten	806.16	780.00	1.175	663.83	1.0936	725.96	*
0432	Brass hasps and staples (safety type) 115 mm	ten	676.14	650.00	1.175	553.19	1.0936	604.97	*
0433	Brass hasps and Staples (Safety type) 90 mm	ten	582.51	560.00	1.175	476.60	1.0936	521.21	*
0438	Brass Night latch	each	514.91	595.00	1.175	506.38	1.0936	553.78	*
0442	Brass helical Spring 150 mm	each	322.46	310.00	1.175	263.83	1.0936	288.52	*
0443	Brass curtain rod 12 mm dia 1.25 mm thick	metre	87.37		1.175	74.36	1.0936	81.32	****
0444	Brass curtain rod 20 mm dia 1.25 mm thick	metre	119.62	120.00	1.175	102.13	1.0936	111.69	*
0445	Brass curtain rod 25 mm dia 1.25 mm thick	metre	140.43	140.00	1.175	119.15	1.0936	130.30	*
0446	Brass brackets (curtain rods) 20 mm	each	43.69	45.00	1.175	38.30	1.0936	41.88	*
0447	Brass cupboard knob or ward robe knob 50 mm	each	36.41	35.00	1.175	29.79	1.0936	32.58	*
0449	Brass screws 50 mm	cent	218.44	220.00	1.175	187.23	1.0936	204.76	*
0450	Brass screws 40 mm	cent	176.83	170.00	1.175	144.68	1.0936	158.22	*
0451	Brass screws 30 mm	cent	140.43	140.00	1.175	119.15	1.0936	130.30	*
0452	Bras screws 25 mm	cent	98.82	100.00	1.175	85.11	1.0936	93.07	*
0453	Brass screws 20 mm	cent	93.62	95.00	1.175	80.85	1.0936	88.42	*
0524	Chromium plated Brass butt hinges (heavy) type 75x65x4.0 mm weighing not less than 200gms	10Nos.	1040.21	1000.00	1.175	851.06	1.0936	930.72	*
0525	Chromium plated Brass butt hinges (light / ordinary) type 125x70x4.0 mm	10 Nos.	884.17	900.00	1.175	765.96	1.0936	837.65	*
0526	Chromium plated Brass butt hinges (light / ordinary) type 100x70x4.0 mm	10Nos.	728.15	750.00	1.175	638.30	1.0936	698.04	*
0527	Chromium plated Brass butt hinges (light / ordinary) type 75x40x2.5 mm	10 Nos.	478.49	460.00	1.175	391.49	1.0936	428.13	*
0528	Chromium plated Brass butt hinges (light / ordinary) type 50x40x2.5 mm	10 Nos.	208.04	200.00	1.175	170.21	1.0936	186.14	*
0552	75mm SS fancy handles for kitchen cabinet	10 Nos.	182.04	300.00	1.175	255.32	1.0936	279.22	*
0553	100mm SS fancy handles for kitchen cabinet	10 Nos	156.03	500.00	1.175	425.53	1.0936	465.36	*
0554	125mm SS fancy handles for kitchen cabinet	10 Nos	135.22	700.00	1.175	595.74	1.0936	651.51	*
0555	Chromium plated Brass handles 125mm with plate 175x32mm	each	182.04	175.00	1.175	148.94	1.0936	162.88	*
0556	Chromium plated Brass handles 100mm with plate 150x32mm	each	156.03	150.00	1.175	127.66	1.0936	139.61	*
0557	Chromium plated Brass handles 75mm with plate 125x32mm	each	135.22	130.00	1.175	110.64	1.0936	120.99	*
0558	Chromium plated Brass mortice latch and lock 100mm x 65mm with 8 levers and apair of brass lever and a pair or brass handles	each	561.71	495.00	1.175	421.28	1.0936	460.71	*
0568	Chromium plated Brass casement window fastner	each	98.82	95.00	1.175	80.85	1.0936	88.42	*
0569	Chromium plated Brass casement stays (straight peg type) 300mm weighing not less than 0.33 Kg.	each	156.03	150.00	1.175	127.66	1.0936	139.61	*
0570	Chromium plated Brass casement stays (straight peg type) 250mm weighing not less than 0.28 Kg.	each	135.22	130.00	1.175	110.64	1.0936	120.99	*
0571	Chromium plated Brass casement stays (straight peg type) 200mm weighing not less than 0.24 Kg	each	119.62	115.00	1.175	97.87	1.0936	107.03	*
0583	Chromium plated Brass Night latch	each	551.31	540.00	1.175	459.57	1.0936	502.59	*
0584	Chromium plated Brass Wardrobe Knob 50 mm	each	49.93	85.00	1.175	72.34	1.0936	79.11	*
0585	Chromium plated Brass screws 50mm	100 Nos	249.65	340.00	1.175	289.36	1.0936	316.45	*
0586	Chromium plated Brass screws 40mm	100 Nos	208.04	310.00	1.175	263.83	1.0936	288.52	*
0587	Chromium plated Brass screws 30mm	100 Nos	161.23	250.00	1.175	212.77	1.0936	232.68	*
0588	Chromium plated Brass screws 25mm	100 Nos	124.83	190.00	1.175	161.70	1.0936	176.84	*
0589	Chromium plated Brass screws 20mm	100 Nos	104.02	170.00	1.175	144.68	1.0936	158.22	*

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
0590	Chromium plated *brass* curtain rod 12 mm dia 1.25 mm thick	meter	197.64	200.00	1.175	170.21	1.0936	186.14	*
0591	Chromium plated brass curtain rod 20 mm dia 1.25 mm thick	meter	270.46	275.00	1.175	234.04	1.0936	255.95	*
0592	Chromium plated brass curtain rod 25 mm dia 1.25 mm thick	meter	364.07	365.00	1.175	310.64	1.0936	339.71	*
0593	C.P. Brass Extension Nipple (1/2"x2" size)	each		45.00	1.175	38.30	1.0936	41.88	
0594	Brigh finish or black enameled mild steel butt hinges 125x65x2.12mm	10 Nos	145.63	140.00	1.175	119.15	1.0936	130.30	*
0595	Brigh finish or black enameled mild steel butt hinges 100x58x1.90mm	10 Nos	88.42	85.00	1.175	72.34	1.0936	79.11	*
0596	Brigh finish or black enameled mild steel butt hinges 75x47x1.70 mm	10 Nos	62.41	60.00	1.175	51.06	1.0936	55.84	*
0597	Brigh finish or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	52.01	50.00	1.175	42.55	1.0936	46.54	*
0598	150x125x27x2.80 mm porliamentary hinges	10 Nos	384.85		1.175	327.53	1.0936	358.19	****
0599	125x125x27x2.80 mm porliamentary hinges	10 Nos	346.37		1.175	294.78	1.0936	322.37	****
0600	100x125x27x2.80 mm popliamentary hinges	10 Nos	230.91		1.175	196.52	1.0936	214.91	****
0601	75x100x20x2.24 mm parliomentory hinges	10 Nos	183.54		1.175	156.20	1.0936	170.82	****
0602	150 mm single acting spring hinges	each	111.01		1.175	94.48	1.0936	103.32	****
0603	125 mm single acting spring hinges	each	96.22		1.175	81.89	1.0936	89.55	****
0604	100 mm single acting spring hinges	each	76.98		1.175	65.51	1.0936	71.65	****
0605	150 mm double acting spring hinges	each	134.70		1.175	114.64	1.0936	125.37	****
0606	125 mm double acting spring hinges	each	109.54		1.175	93.23	1.0936	101.95	****
0607	100 mm double acting spring hinges	each	69.55		1.175	59.19	1.0936	64.73	****
0608	Nickel plated mild steel piano hinges 1 mm thick 25 mm wide	metre	41.61	40.00	1.175	34.04	1.0936	37.23	*
0614	300x20x6 mm door latch	each	38.49		1.175	32.76	1.0936	35.82	****
0615	250x20x6 mm door latch	each	31.09		1.175	26.46	1.0936	28.94	****
0620	125 mm handles	each	7.40		1.175	6.30	1.0936	6.89	****
0621	100 mm handles	each	5.92		1.175	5.04	1.0936	5.51	****
0622	75 mm handles	each	4.44		1.175	3.78	1.0936	4.13	****
0632	115 mm hasper & stopler (safety type)	10 Nos	87.34		1.175	74.33	1.0936	81.29	****
0633	90 mm hasper & stopler (safety type)	10 Nos	68.09		1.175	57.95	1.0936	63.37	****
0635	Brigh finish or black enameled mild steel screws 50 mm	100 Nos	67.62	77.00	1.175	65.53	1.0936	71.67	*
0636	Oxidiged mild steel 45 mm screw	100 Nos	48.84		1.175	41.57	1.0936	45.46	****
0637	Bright finish or black enameled mild steel screws 40 mm	100 Nos	52.01	63.00	1.175	53.62	1.0936	58.64	*
0638	Bright finish or black enameled mild steel screws 30 mm	100 Nos	41.61	50.00	1.175	42.55	1.0936	46.54	*
0639	Bright finish or black enameled mild steel screws 25 mm	100 Nos	36.41	37.00	1.175	31.49	1.0936	34.44	*
0640	Bright finish or black enameled mild steel screws 20 mm	100 Nos	31.20	32.00	1.175	27.23	1.0936	29.78	*
0641	Bright finished or black enameled mild steel bolts and nuts 50 X 6mm	each	7.28	5.00	1.175	4.26	1.0936	4.65	*
0642	Oxidised mild steel butt hinges 125x65x2.12mm	10 Nos	145.63	140.00	1.175	119.15	1.0936	130.30	*
0643	Oxidised mild steel butt hinges 100x58x1.90mm	10 Nos	93.62	90.00	1.175	76.60	1.0936	83.77	*
0644	Oxidised mild steel butt hinges 75x47x1.70mm	10 Nos	67.62	65.00	1.175	55.32	1.0936	60.50	*
0645	Oxidised steel mild butt hinges 50x37x1.50mm	10 Nos	57.21	55.00	1.175	46.81	1.0936	51.19	*
0646	Oxidised steel mild parliamentary hinges 150x125x27x2.80 mm	10 Nos	353.68	340.00	1.175	289.36	1.0936	316.45	*
0647	Oxidised steel mild parliamentary hinges 125x125x27x2.80 mm	10 Nos	327.67	315.00	1.175	268.09	1.0936	293.18	*
0648	Oxidised steel mild parliamentary hinges 100x125x27x2.80 mm	10 Nos	244.45	235.00	1.175	200.00	1.0936	218.72	*
0649	Oxidised steel mild parliamentary hinpes 75x100x20x2.24 mm	10 Nos	208.04	200.00	1.175	170.21	1.0936	186.14	*
0650	Oxidised mild steel Single acting spring hinges 150mm	each	119.52	140.00	1.175	119.15	1.0936	130.30	*

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ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due Increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
0651	Oxidised mild steel Single acting spring hinges 125 mm	each	114.42	120.00	1.175	102.13	1.0936	111.69	*
0652	Oxidised mild steel Single acting spring hinges 100 mm	each	93.62	100.00	1.175	85.11	1.0936	93.07	*
0653	Oxidised mild steel double acting spring hinges 150 mm	each	119.62	160.00	1.175	136.17	1.0936	148.92	*
0654	Oxidised mild steel double acting spring hinges 125 mm	each	114.42	140.00	1.175	119.15	1.0936	130.30	*
0655	Oxidised mild steel double acting spring hinges 100 mm	each	93.62	120.00	1.175	102.13	1.0936	111.69	*
0656	Nickel plated mild steel piano, hinges 1 mm thick 35mm wide	metre	46.81	45.00	1.175	38.30	1.0936	41.88	*
0660	Oxidised mild steel sliding door bolts 300x16mm	each	98.82	95.00	1.175	80.85	1.0936	88.42	*
0661	Oxidised mild steel sliding door bolts 250x16mm	each	93.62	85.00	1.175	72.34	1.0936	79.11	*
0662	Oxidised mild steel door latch 300x20x6 mm	each	49.93	50.00	1.175	42.55	1.0936	46.54	*
0663	Oxidised mild steel door latch 250x20x6 mm	each	41.61	40.00	1.175	34.04	1.0936	37.23	*
0664	Oxidised mild steel tower bolts (barrel type) 250x10 mm	each	46.81	45.00	1.175	38.30	1.0936	41.88	*
0665	Oxidised mild steel tower bolts (barrel type) 200x10 mm	each	41.61	35.00	1.175	29.79	1.0936	32.58	*
0666	Oxidised mild steel tower bolts (barrel type) 150x10 mm	each	31.20	30.00	1.175	25.53	1.0936	27.92	*
0667	Oxidised mild steel tower bolts (barrel type) 100x10 mm	each	26.01	20.00	1.175	17.02	1.0936	18.61	*
0668	Oxidised mild steel handles 125 mm	each	19.77	20.00	1.175	17.02	1.0936	18.61	*
0669	Oxidised mild steel handles 100 mm	each	16.65	15.00	1.175	12.77	1.0936	13.96	*
0670	Oxidised mild steel handles 75 mm	each	15.60	12.00	1.175	10.21	1.0936	11.17	*
0679	Oxidised mild steel hasps and staples (safety type) 150 mm	10 Nos	130.03	130.00	1.175	110.64	1.0936	120.99	*
0680	Oxidised mild steel hasps and staples (safety type) 115 mm	10 Nos	104.02	110.00	1.175	93.62	1.0936	102.38	*
0681	Oxidised mild steel hasps and staples (safety type) 90 mm	10 Nos	78.01	80.00	1.175	68.09	1.0936	74.46	*
0682	Oxidised mild steel screws 50 mm	100 Nos	78.01	77.00	1.175	65.53	1.0936	71.67	*
0683	Oxidised mild steel screws 40 mm	100 Nos	62.41	63.00	1.175	53.62	1.0936	58.64	*
0684	Oxidised mild steel screws 30 mm	100 Nos	57.21	50.00	1.175	42.55	1.0936	46.54	*
0685	Oxidised mild steel screws 25 mm	100 Nos	46.81	37.00	1.175	31.49	1.0936	34.44	*
0686	Oxidised mild steel screws 20 mm	100 Nos	35.41	32.00	1.175	27.23	1.0936	29.78	*
0687	Anodised Aluminium butt hinges 125x75x4 mm	10 Nos	592.92	570.00	1.175	485.11	1.0936	530.51	*
0688	Anodised Aluminium butt hinges 125x63x4 mm	10 Nos	551.31	400.00	1.175	340.43	1.0936	372.29	*
0689	Anodised Aluminium butt hinges 100x75x4 mm	10 Nos	540.91	400.00	1.175	340.43	1.0936	372.29	*
0690	Anodised Aluminium butt hinges 100x63x3.2 mm	10 Nos	520.10	275.00	1.175	234.04	1.0936	255.95	*
0691	Anodised Aluminium butt hinges 100x63x4 mm	10 Nos	530.51	330.00	1.175	280.85	1.0936	307.14	*
0692	Anodised Aluminium butt hinges 75x63x4 mm	10 Nos	520.10	280.00	1.175	238.30	1.0936	260.60	*
0693	Anodised Aluminium butt hinges 75x63x3.2 mm	10 Nos	488.90	230.00	1.175	195.74	1.0936	214.07	*
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	405.68	200.00	1.175	170.21	1.0936	186.14	*
0695	Anodised Aluminium butt hinges 50x35x3.2 mm	10 Nos	106.58		1.175	90.71	1.0936	99.20	****
0696	Anodised Aluminium silding door bolt 300x16 mm	each	166.44	150.00	1.175	127.66	1.0936	139.61	*
0697	Anodised Aluminium silding door bolt 250x16 mm	each	135.22	130.00	1.175	110.64	1.0936	120.99	*
0698	Anodised Aluminium tower bolt (barrel type)300x10 mm	10 Nos	780.15	590.00	1.175	502.13	1.0936	549.13	*
0699	Anodised Aluminium tower bolt (barrel type)250x10 mm	10 Nos	624.12	490.00	1.175	417.02	1.0936	456.05	*
0700	Anodised Aluminium tower bolt (barrel type)200x10 mm	10 Nos	499.30	390.00	1.175	331.91	1.0936	362.98	*
0701	Anodised Aluminium tower bolt (barrel type) 150x10 mm	10 Nos	395.27	310.00	1.175	263.83	1.0936	288.52	*
0702	Anodised Aluminium tower bolt (barrel type) 100x10 mm	ten	312.07	230.00	1.175	195.74	1.0936	214.07	*
0703	Anodised Aluminium handles 125 mm with plate 175x32 mm	ten	520.10	330.00	1.175	280.85	1.0936	307.14	*
0704	Anodised Aluminium handles 100 mm with plate 150x32 mm	ten	395.27	280.00	1.175	238.30	1.0936	260.60	*
0705	Anodised Aluminium handles 75 mm with plate 125x32 mm	ten	332.87	235.00	1.175	200.00	1.0936	218.72	*

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1	2	3	4	5.00	6	7	8	9	10
0706	Anodised Aluminium kicking plate 50cm long 100x3.15 mm	each	135.22	145.00	1.175	123.40	1.0936	134.95	*
0713	Block Board Construction flush door with teak wood ply on both faces 35 mm thick	sqm	1768.36	1800.00	1.175	1531.91	1.0936	1675.30	*
0714	Block Board Construction flush door with teak wood ply on both faces 30 mm thick	sqm	1612.32	1700.00	1.175	1446.81	1.0936	1582.23	*
0715	Block Board Construction flush door with teak wood ply on both faces 25 mm thick	sqm	1456.29	1500.00	1.175	1276.60	1.0936	1396.09	*
0717	Block board construction flush door with Commercial ply on both faces 35 mm thick	sqm	1196.24	1000.00	1.175	851.06	1.0936	930.72	*
0718	Block board construction flush door with Commercial ply on both faces 30 mm thick	sqm	1040.21	1000.00	1.175	851.06	1.0936	930.72	*
0719	Block board construction flush door with Commercial ply on both faces 25 mm thick	sqm	936.19	960.00	1.175	817.02	1.0936	893.49	*
0752	Block board construction flush door lipping 25 mm thick	sqm of door area	312.07	315.00	1.175	268.09	1.0936	293.18	*
0753	Square vision Panel in Block board construction flush door	sqm of door area	119.62	140.00	1.175	119.15	1.0936	130.30	*
0754	Circular Vision Panel in block board construction flush door	sqm of door area	187.24	150.00	1.175	127.66	1.0936	139.61	*
0755	Decorative type Louvers in Block board construction flush door	sqm of door area	322.46	325.00	1.175	276.60	1.0936	302.49	*
0757	Rebate cutting in Block board construction flush door	sqm of door area	88.42	110.00	1.175	93.62	1.0936	102.38	*
0759	Decorative Plywood 4 mm	sqm	436.88	300.00	1.175	255.32	1.0936	279.22	*
0761	Fuel Wood	quintal	520.10	500.00	1.175	425.53	1.0936	465.36	*
0763	Glue	kilogram	70.74	70.00	1.175	59.57	1.0936	65.15	*
0764	Calcium silicate base compound for jointing calcium silicate tiles	kilogram		25.00	1.175	21.28	1.0936	23.27	*
0765	Hessian cloth	sqm	26.01	25.00	1.175	21.28	1.0936	23.27	*
0768	Jali (cement concrete) 50mm thick	sqm	218.44	235.00	1.175	200.00	1.0936	218.72	*
0769	Jali (cement concrete) 40mm thick	sqm	187.24	200.00	1.175	170.21	1.0936	186.14	*
0770	Jali (cement concrete) 25mm thick	sqm	156.03	165.00	1.175	140.43	1.0936	153.57	*
0771	Kerosene oil	litre	46.81	45.00	1.175	38.30	1.0936	41.88	*
0772	White cement based polymer modified self curing compound in powder form	kg		15.00	1.175	12.77	1.0936	13.96	*
0773	Lime Unslaked lime	quintal	312.07	270.00	1.175	229.79	1.0936	251.30	*
0775	Lime Dehradun white lime	quintal	499.30	550.00	1.175	468.09	1.0936	511.90	*
0776	Lime Satna lime	quintal	312.07	370.00	1.175	314.89	1.0936	344.37	*
0777	Dry hydrated lime (factory made)	quintal	239.25	280.00	1.175	238.30	1.0936	260.60	*
0784	Marble dust / powder	cum	1040.21	1000.00	1.175	851.06	1.0936	930.72	*
0785	Marble chips upto 4mm and down size White & black	quintal	208.04	250.00	1.175	212.77	1.0936	232.68	*
0786	Marble chips upto 4mm and down size Chocolate, grey or yellow	quintal	170.23		1.175	144.88	1.0936	158.44	****
0787	Marble chips upto 4mm and down size Baroda green	quintal	170.23		1.175	144.88	1.0936	158.44	****
0788	Marble chips Large size above 4mm. white & black	quintal	208.04	250.00	1.175	212.77	1.0936	232.68	*
0801	Silicon and acrylic emulsion	litre	208.04	130.00	1.175	110.64	1.0936	120.99	*
0802	Acrylic distemper 1st quality , having VOC content less than 50gm/litre	Kg	39.53	38.00	1.175	32.34	1.0936	35.37	*
0803	Acrylic emulsion , having VOC content less than 50 gm/litre	litre	260.05	180.00	1.175	153.19	1.0936	167.53	*
0804	Premium acrylic emulsion of interior grade, having VOC content less than 50 gm/litre	litre	364.07	210.00	1.175	178.72	1.0936	195.45	*
0805	Synthetic enamel paint , having VOC (Volatile Organic Compound) content less than 150 gm/litre	litre	228.85	200.00	1.27	157.48	1.0936	172.22	*
0806	Ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 gms/litre	litre	124.83	125.00	1.27	98.43	1.0936	107.64	*
0807	Ready mixed red oxide zinc chromatic on steel/ iron work, having VOC content less than 250 gms/litre	litre	135.22	120.00	1.175	102.13	1.0936	111.69	*
0808	Water thinnable cement primer for interior wall surface, having VOC content less than 50 gms/litre	litre	62.41	56.00	1.175	47.66	1.0936	52.12	*
0809	Exterior Primer	kg	41.81	52.00	1.175	44.26	1.0936	48.40	*
0810	Morrum	cum	130.28			77.21		77.21	**
0811	Mud (dry)	cum	62.41	150.00	1.175	127.66	1.0936	139.61	*
0815	Dry Distemper	kilogram	37.45	30.00	1.27	23.62	1.0936	25.83	*

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Code No	Description	Unit	Present Approved rate	Rate as per DSR 2018	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2018 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
0816	Oil bound washable distemper / Acrylic distemper	kilogram	46.81	45.00	1.27	35.43	1.0936	38.75	*
0818	Linseed oil (double boiled)	litre	114.42	200.00	1.175	170.21	1.0936	186.14	*
0820	Cement primer	litre	93.62	60.00	1.175	51.06	1.0936	55.84	*
0821	Distemper primer	litre	93.62	59.00	1.175	50.21	1.0936	54.91	*
0823	Pink primer (for wood) –	litre	93.62	85.00	1.175	72.34	1.0936	79.11	*
0824	White cement based putty	kg	24.98	20.00	1.175	17.02	1.0936	18.61	*
0826	Aluminium paint	litre	135.22	130.00	1.27	102.36	1.0936	111.94	*
0827	Acid proof paint (chocolate or black)	litre	156.03	225.00	1.27	177.17	1.0936	193.75	*
0828	Anti-corrosive bituminous paint (black)	litre	93.62	100.00	1.27	78.74	1.0936	86.11	*
0829	Black Japan	litre	98.82	90.00	1.27	70.87	1.0936	77.50	*
0830	Enamel paint	litre	166.44	155.00	1.27	122.05	1.0936	133.47	*
0831	Floor enamel paint in all shades except green	litre	124.83	122.00	1.27	96.06	1.0936	105.05	*
0833	Synthetic enamel paint black or chocolate shade	litre	135.22	170.00	1.27	133.86	1.0936	146.39	*
0834	Synthetic enamel paint in all shades except black or chocolate	litre	145.63	150.00	1.27	118.11	1.0936	129.17	*
0835	Plastic emulsion paint	litre	187.24	200.00	1.27	157.48	1.0936	172.22	*
0845	Roofing paint for iron sheets in red colour	litre	124.83	120.00	1.27	94.49	1.0936	103.33	*
0850	White lead	kilogram	93.62	150.00	1.27	118.11	1.0936	129.17	*
0851	Water proofing cement paint Snowcem Plus	kilogram	46.81	38.00	1.27	29.92	1.0936	32.72	*
0855	Wax polish (ready made)	kilogram	208.04	250.00	1.05	238.10	1.0936	260.38	*
0856	Ordinary varnish	litre	78.01	90.00	1.27	70.87	1.0936	77.50	*
0857	Superior copal varnish	litre	130.03	130.00	1.27	102.36	1.0936	111.94	*
0858	Superior spar varnish	litre	130.03	130.00	1.27	102.36	1.0936	111.94	*
0859	Oil type wood preservative	litre	83.22	140.00	1.175	119.15	1.0936	130.30	*
0863	Polish Putty for wood work	kilogram	31.20	30.00	1.175	25.53	1.0936	27.92	*
0865	Pigments Pig lead	kilogram	130.03	138.00	1.175	117.45	1.0936	128.44	*
0868	Premixed super white gypsum plaster	kg	7.28	5.00	1.175	4.26	1.0936	4.65	*
0869	Plaster of Paris	kilogram	4.16	4.00	1.175	3.40	1.0936	3.72	*
0870	Pigments Plug	each	10.40	10.00	1.175	8.51	1.0936	9.31	*
0873	Copper pins 6 mm dia 7.5cm long	each	10.40	10.00	1.175	8.51	1.0936	9.31	*
0874	Pigments black colour dark shade	kilogram	57.21	80.00	1.175	68.09	1.0936	74.46	*
0875	Pigments Red chocolate orange buff or yellow (red oxide of iron) light shade	kilogram	78.01	80.00	1.175	68.09	1.0936	74.46	*
0876	Pigments green or blue medium shade	kilogram	67.62	80.00	1.175	68.09	1.0936	74.46	*
0886	standard holdar bat clamps for sand cast iron or cast iron pipes 150mm dia	each	26.01	45.00	1.175	38.30	1.0936	41.88	*
0966	sand cast iron plain shoe 150mm dia	each	338.06	310.00	1.175	263.83	1.0936	288.52	*
0967	pigments plate -copper	kilogram	280.85	280.00	1.175	238.30	1.0936	260.60	*
0969	Pulleys 25mm dia	each	36.41	55.00	1.175	46.81	1.0936	51.19	*
0973	Rolling shutters and its parts Rolling shutter made of 80X1.25mm machine rolled laths	sqm	1300.26	1320.00	1.175	1123.40	1.0936	1228.55	*
0974	Rolling shutters and its parts Top cover for rolling shutters	metre	624.12	886.00	1.175	754.04	1.0936	824.62	*
0975	Rolling shutters and its parts 27.5cm long wire spring grade No 2 for rolling Shutters	each	291.26	350.00	1.175	297.87	1.0936	325.75	*
0976	Rolling shutters and its parts ball bearing for rolling shutters	each	343.27	280.00	1.175	238.30	1.0936	260.60	*
0977	Extra for mechnical devices chain and cranked operation for operating rolling shutters Exceeding 10.00 sqm and upto 16.80 sqm area of door	sqm	572.12	600.00	1.175	510.64	1.0936	558.43	*
0978	Extra for mechnical devices chain and cranked operation for operating rolling shutters Exceeding 16.80 sqm area of door	sqm	603.32	600.00	1.175	510.64	1.0936	558.43	*
0979	Royalty for good earth	cum	31.20	30.00	1.175	25.53	1.0936	27.92	*
0980	Royalty for sludge	cum	93.62	90.00	1.175	76.60	1.0936	83.77	*
0982	Sand Coarse sand Dorigarj equvalent to Koilwar/Sone sand	cum	286.70			110.69		110.69	**
982A	Sand Coarse sand querry at Koilwar/Sone		146.67			110.69		110.69	**

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
0983	Fine sand (zone IV)	cum	124.54			67.66		67.66	**
0992	Galvanised steel plain sheets	quintal	5409.08	5600.00	1.175	4765.96	1.0936	5212.05	*
0994	Standard quality hard board sheet 3mm thick	sqm	130.03	144.00	1.175	122.55	1.0936	134.02	*
0996	Sheets standard quality had board sheet 4.5mm thick	sqm	156.03	156.03	1.175	132.79	1.0936	145.21	*
0999	Polish shellac	kilogram	218.44	300.00	1.175	255.32	1.0936	279.22	*
1000	Oil/Fuel spirit	litre	72.81	50.00	1.175	42.55	1.0936	46.54	*
1003	Mild steel round bar above 12mm dia	quintal	3239.25			4545.00		4545.00	**
1001	Spun yarn	kilogram	41.61	50.00	1.175	42.55	1.0936	46.54	*
1002	Mild steel round bar 12mm dia and below	quintal	3239.25			4545.00		4545.00	**
1004	Mild steel wire rod	quintal	3223.50			4545.00		4545.00	**
004A	5.5mm	quintal	3239.25			4545.00		4545.00	**
004B	6.0mm	quintal	3223.50			4532.00		4532.00	**
004C	6.5mm	quintal	3207.75			4518.00		4518.00	**
004D	7.0mm	quintal	3192.00			4505.00		4505.00	**
004E	8.00mm	quintal	3176.25			4492.00		4492.00	**
004F	10.0mm	quintal	3239.25			4545.00		4545.00	**
004G	12.0/12.7mm	quintal	3239.25			4545.00		4545.00	**
1005	Steel T.M.T. Bars Fe 500	quintal	3512.25						**
005A	TMTC-500-8mm	quintal	3669.75			4593.20		4593.20	**
005B	TMTC-500-10mm	quintal	3564.75			4542.40		4542.40	**
005C	TMTC-500-12mm	quintal	3512.25			4491.50		4491.50	**
005D	TMT FE-500-16mm	quintal	3512.25			4491.50		4491.50	**
005E	TMT FE-500-20mm	quintal	3512.25			4491.50		4491.50	**
005F	TMT FE-500-25mm	quintal	3512.25			4491.50		4491.50	**
005G	TMT FE-500-28mm	quintal	3512.25			4491.50		4491.50	**
005H	TMT FE-500-32mm	quintal	3512.25			4491.50		4491.50	**
005 I	TMT FE-500-36mm	quintal	3512.25			4491.50		4491.50	**
1006	Mild steel square bars	quintal	3935.64	3675.00	1.175	3127.66	1.0936	3420.41	*
)07 A	STEEL JOIST	quintal	4193.77		1.175	3569.17	1.0936	3903.24	*
a	200X100	quintal	4193.77		1.175	3569.17	1.0936	3903.24	*
b	225X110	quintal	4193.77		1.175	3569.17	1.0936	3903.24	*
c	250X125	quintal	4258.00		1.175	3623.83	1.0936	3963.02	*
d	300X140	quintal	4258.00		1.175	3623.83	1.0936	3963.02	*
e	350X140	quintal	4388.89		1.175	3735.23	1.0936	4084.84	*
f	400X140	quintal	4517.21		1.175	3844.43	1.0936	4204.27	*
g	450X150	quintal	4635.41		1.175	3945.03	1.0936	4314.28	*
h	500X180	quintal	4753.62		1.175	4045.63	1.0936	4424.31	*
i	600X210	quintal	5108.47		1.175	4347.69	1.0936	4754.57	*
)07B	STEEL CHANNEL	quintal	3743.25			4326.00		4326.00	**
a	75X40	quintal	3743.25			4326.00		4326.00	**
b	100X50	quintal	3743.25			4326.00		4326.00	**
c	125X65	quintal	3743.25			4326.00		4326.00	**
d	150X75	quintal	3743.25			4326.00		4326.00	**
e	175X75	quintal	3743.25			4326.00		4326.00	**
f	200X75	quintal	3743.25			4353.00		4353.00	**
g	250X82	quintal	3743.25			4353.00		4353.00	**
h	300X90	quintal	3743.25			4353.00		4353.00	**
i	400X100	quintal	3743.25			4353.00		4353.00	**
07C	STEEL ANGLES	quintal	3711.75						**
a	50x50x6	quintal	3711.75			4155.00		4155.00	**

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Code No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due to increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
b	60X60X6	quintal	3711.75			4155.00		4155.00	**
c	65X65X6	quintal	3711.75			4155.00		4155.00	**
d	75X75X6	quintal	3711.75			4155.00		4155.00	**
e	80X80X5/10/12	quintal	3711.75			4155.00		4155.00	**
f	90X90X6	quintal	3711.75			4155.00		4155.00	**
g	100X100X8/10/12	quintal	3711.75			4155.00		4155.00	**
h	110X110X8/10/12	quintal	3711.75			4155.00		4155.00	**
i	130X130X10/12	quintal	3711.75			4155.00		4155.00	**
j	150X150X12/16/20	quintal	3711.75			4155.00		4155.00	**
k	200X200X16/18/26	quintal	3711.75			4155.00		4155.00	**
1008	Flats upto 10mm in thickness	quintal	4368.87	3675.00	1.175	3127.66	1.0936	3420.41	*
1009	Flats exceeding 10mm in thickness	quintal	4680.94	3775.00	1.175	3212.77	1.0936	3513.48	*
1010	Mild steel plates	quintal	4888.98	3900.00	1.175	3319.15	1.0936	3629.82	*
1011	Steel glazed door,window/ ventilator, all members viz. F7D, F4B,K11 and K12B etc.	kg	49.93	48.00	1.175	40.85	1.0936	44.67	*
1013	Mild steel sheets for tanks	quintal	5097.02	3775.00	1.175	3212.77	1.0936	3513.48	*
1015	Mild steel expanded metal 20x60 mm strands	sqm	301.66	280.00	1.175	238.30	1.0936	260.60	*
1019	Mild steel hooks	each	36.41	30.00	1.175	25.53	1.0936	27.92	*
1020	Mild steel rivets	quintal	5201.04	4500.00	1.175	3829.79	1.0936	4188.26	*
1021	Hard drawn steel wire fabric	sqm	447.29	400.00	1.175	340.43	1.0936	372.29	*
1022	Galvanised steel bolts and nuts 6mm dia. And 25mm long round head with slots	ten	26.01	38.00	1.175	32.34	1.0936	35.37	*
1023	Galvanised steel J or L hooks 6mm dia.	Ten	114.42	115.00	1.175	97.87	1.0936	107.03	*
1024	Galvanised steel bolts and nuts 10mm dia. and 125mm long	each	12.48	11.00	1.175	9.36	1.0936	10.24	*
1025	Mild steel bolts 6mm dia and 25mm long with hexagonal head	ten	31.20	27.00	1.175	22.98	1.0936	25.13	*
1028	Straining bolts	each	72.81	65.00	1.175	55.32	1.0936	60.50	*
1029	Galvanised steeL barbed wire	quintal	5409.06	4800.00	1.175	4085.11	1.0936	4467.47	*
1030	Galvanised steel turn buckles	each	17.68	15.00	1.175	12.77	1.0936	13.96	*
1031	Galvanised steel bolts & nut 10mm dia 27cm long both sides threaded with 4 galvanised steel nuts	each	26.01	22.00	1.175	18.72	1.0936	20.48	*
1032	Galvanised steel bolts 10mm dia 7cm long with nuts	each	26.80	18.00	1.175	15.32	1.0936	16.75	*
1034	Bolts and nuts upto 300mm in length	quintal	5825.16	5100.00	1.175	4340.43	1.0936	4746.69	*
1035	Bolts and nuts above 300mm in length	quintal	5825.16	5250.00	1.175	4468.09	1.0936	4886.30	*
1036	Iron Pintels including welded pin	each	41.61	37.00	1.175	31.49	1.0936	34.44	*
1143	Steel Beading	metre	26.01	27.00	1.175	22.98	1.0936	25.13	*
1145	Aluminium Plain Strip edging 38x12x3 mm	metre	104.02	90.00	1.175	76.60	1.0936	83.77	*
1149	Glass strips 4mm thick 40mm deep	metre	9.36	20.00	1.175	17.02	1.0936	18.61	*
1151	Boundry stone top chisel dressed 15x15x90cm	each	62.41	70.00	1.175	59.57	1.0936	65.15	*
1154	Through and bond stone	100 nos	1248.25	1260.00	1.175	1072.34	1.0936	1172.71	*
1157	Stone for masonry work	cum	728.15	865.00	1.175	736.17	1.0936	805.08	*
1158	Stone for pitching 15cm x 22.5cm	cum	468.09	636.00	1.175	541.28	1.0936	591.94	*
159	Stone dust	cum	104.67	89.38		89.38		89.38	**
160	Red sand stone block	10 cudm	67.62	65.00	1.175	55.32	1.0936	60.50	*
161	White sand stone block	10 cudm	72.81	70.00	1.175	59.57	1.0936	65.15	*
163	White sand stone slab 75mm thick (un-dressed)	sqm	312.07	315.00	1.175	268.09	1.0936	293.18	*
164	Red sand stone slab 40mm thick (undressed)	sqm	166.44	200.00	1.175	170.21	1.0936	186.14	*
165	White sand stone slab 40mm thick (undressed)	sqm	187.24	200.00	1.175	170.21	1.0936	186.14	*
166	Red sand stone slab 30mm thick (undressed)	sqm	135.22	180.00	1.175	153.19	1.0936	167.53	*
168	Kota stone slab 20mm to 25mm thick (semi-polished)	sqm	301.66	280.00	1.175	238.30	1.0936	260.60	*
169	Kota stone slab 25mm thick (rough chiselled)	sqm	218.44	280.00	1.175	238.30	1.0936	260.60	*
174	Red sand stone slab 45/50mm thick (un-polished)	sqm	178.92	225.00	1.175	191.49	1.0936	209.41	*

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1	2	3	4	5.00	6	7	8	9	10
1175	White sand stone slab 45/50mm thick (undressed)	sqm	234.04	225.00	1.175	191.49	1.0936	209.41	*
1177	Stone grit 6 mm and down size or pia sized grand	cum	962.19	795.00	1.175	676.60	1.0936	739.93	*
1179	Crushed stone 2.36 mm to 12.5 mm size	cum	988.20	900.00	1.175	765.96	1.0936	837.65	*
1182	Surkhi	cum	1941.45			1595.00		1595.00	**
A	Uraban Patna	cum	1941.45			1724.00		1724.00	**
B	For Purnia,Bhagalpur,Saharasa,Munger,Darabhanga	cum	1861.65			1653.00		1653.00	**
C	For other places	cum	1797.60			1595.00		1595.00	**
D	For Patna Rural	cum	1874.25			1665.00		1665.00	**
1186	Superior class teak wood such as Dandeli, Balarshah or Malabar in planks	10 cudm	1144.22	1100.00	1.175	936.17	1.0936	1023.80	*
1187	First class teak wood in scantling	10 cudm	832.17	880.00	1.175	748.94	1.0936	819.04	*
1188	First class teak wood in planks	10 cudm	884.17	850.00	1.175	723.40	1.0936	791.11	*
1189	Second class teak wood in scantling	10 cudm	686.54	660.00	1.175	561.70	1.0936	614.28	*
1190	Second class teak wood in planks	10 cudm	754.15	675.00	1.175	574.47	1.0936	628.24	*
1194	Second class deodar wood in planks	10 cudm	520.10	500.00	1.175	425.53	1.0936	465.36	*
1196	First class kail wood in planks	10 cudm	322.46	310.00	1.175	263.83	1.0936	288.52	*
1197	Second class kail wood in scantling	10 cudm	270.46	260.00	1.175	221.28	1.0936	241.99	*
1198	Second clas's kail wood in planks	10 cudm	270.46	260.00	1.175	221.28	1.0936	241.99	*
1199	Sal wood in scantling	10 cudm	540.91	600.00	1.175	510.64	1.0936	558.43	*
1195	Local wood in scantling	10 cudm	332.42		1.175	282.91	1.0936	309.39	****
1200	Kiln seasoned selected sheesham wood planks	10 cudm	676.14	650.00	1.175	553.19	1.0936	604.97	*
1201	Precast terrazo tiles 22 mm thick (light shade)	sqm	270.46	285.00	1.175	242.55	1.0936	265.26	*
1202	Precast terrazo tiles 22 mm thick (medium shade)	sqm	249.65	265.00	1.175	225.53	1.0936	246.64	*
1203	Precast terrazo tiles 22 mm thick (dark shade)	sqm	228.85	245.00	1.175	208.51	1.0936	228.03	*
1204	Precast heat resistant terrace tiles (size 300x300 mm) and 20 mm thick	sqm	501.38	475.00	1.175	404.26	1.0936	442.09	*
1207	Washers Cadmium coated G.I. limpet washer	cent	36.41	35.00	1.175	29.79	1.0936	32.58	*
1208	Washers Bitumen washer	cent	31.20	30.00	1.175	25.53	1.0936	27.92	*
1209	Washers G.I. plain washer thick	cent	36.41	35.00	1.175	29.79	1.0936	32.58	*
1210	Washers G.I. plain washer thin	cent	33.29	32.00	1.175	27.23	1.0936	29.78	*
1211	Washers G.I. plain washer for seam bolts	cent	31.20	30.00	1.175	25.53	1.0936	27.92	*
1213	Water proofing compound 'Impermo' of Snowcem India Ltd.	kilogram	33.29	35.00	1.175	29.79	1.0936	32.58	*
1214	Welding By gas plant	cm	2.08	2.00	1.175	1.70	1.0936	1.86	*
1215	Welding By electric plant	cm	1.87	2.00	1.175	1.70	1.0936	1.86	*
1216	Whiting	quintal	520.10	600.00	1.175	510.64	1.0936	558.43	*
1219	Wire nails	kilogram	62.41	60.00	1.175	51.06	1.0936	55.84	*
1220	Wire mesh (Rabbit)	sqm	46.81	42.00	1.175	35.74	1.0936	39.09	*
1221	20 mm dia holding down bolts	quintal	6033.21	5500.00	1.175	4680.85	1.0936	5118.98	*
1222	Mild steel sheets with bolts and nuts to rest on lintels	each	135.22	120.00	1.175	102.13	1.0936	111.69	*
1224	Hard drawn steel wire	quintal	5721.14	4600.00	1.175	3914.89	1.0936	4281.33	*
1225	Mild steel flat strap fitting	quintal	4628.92	4000.00	1.175	3404.26	1.0936	3722.89	*
1227	Chequered terrazo tiles 22mm thick (light shade)	sqm	338.06	275.00	1.175	234.04	1.0936	255.95	*
1228	Chequered terrazo tiles 22mm thick (medium shade)	sqm	296.46	300.00	1.175	255.32	1.0936	279.22	*
1229	Chequered terrazo tiles 22mm thick (dark shade)	sqm	260.05	260.00	1.175	221.28	1.0936	241.99	*
231	Extra for selected planks of second class teak wood	10 cudm	145.63	150.00	1.175	127.66	1.0936	139.61	*
234	Aluminium plain strip edging 57x12x3 mm	metre	140.43	135.00	1.175	114.89	1.0936	125.65	*
235	Oil ✓ Fuel Diesel oil	litre	50.68	46.00	1.175	39.15	1.0936	42.81	*
237	Cutting marble or sand stone slab upto 50mm thick by mechanical device	metre	9.36	10.00	1.175	8.51	1.0936	9.31	*
238	Extra for selected planks of first class teak wood	10 cudm	145.63	150.00	1.175	127.66	1.0936	139.61	*
239	18 mm thick Flamed finish granite stone slab	sqm	1763.15	1700.00	1.175	1446.81	1.0936	1582.23	*
240	18 mm thick Italian Marble stone slab,(slab area up to 0.5 sqm).	sqm	3463.89	3200.00	1.175	2723.40	1.0936	2978.31	*

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1	2	3	4	5.00	6	7	8	9	10
1241	Oil / Fuel LPG (Commercial Cylinder)	kg	72.81	65.00	1.175	55.32	1.0936	60.50	"
1242	Glass mossaic tiles (20 mm x 20 mm x 4 mm).	sqm	1092.22	1076.00	1.175	915.74	1.0936	1001.46	"
1243	Tile fixing chemical adhesive	kg	35.37	20.00	1.175	17.02	1.0936	18.61	"
1244	Cement Polymer Grout Compound	kg	35.37	25.00	1.175	21.28	1.0936	23.27	"
1245	Acid for cleaning tiles	litre	16.65	18.00	1.175	15.32	1.0936	16.75	"
1246	Silicon based Joint Sealant for Tiles	kg		150.00	1.175	127.66	1.0936	139.61	"
1247	Rubber base Adhesive	kg		160.00	1.175	136.17	1.0936	148.92	"
1248	Epoxy based sealing Compound	kg		502.00	1.175	427.23	1.0936	467.22	"
1249	Acrylic based sealing compound	kg		481.00	1.175	409.36	1.0936	447.68	"
1250	Non woven reinforcement Tape	metre		0.14	1.175	0.12	1.0936	0.13	"
1301	Bleaching powder	quintal	1820.36	1750.00	1.175	1489.36	1.0936	1628.77	"
1304	Surface box for stop cock	each	130.03	125.00	1.175	106.38	1.0936	116.34	"
1305	Surface box for sluice valve	each	218.44	210.00	1.175	178.72	1.0936	195.45	"
1307	Surface box for water meter	each	260.05	250.00	1.175	212.77	1.0936	232.68	"
1309	C.I. bracket for wash basin and sinks	pair	72.81	65.00	1.175	55.32	1.0936	60.50	"
1313	8 mm dia C.P. Brass/ S.S. Jet with flexible tube upto 1 metre long with S.S. tringular plate for Eureopean type W.C.	each		200.00	1.175	170.21	1.0936	186.14	"
1314	C.P. brass chain with 32 mm dia rubber plug	each	41.61	40.00	1.175	34.04	1.0936	37.23	"
1315	C.P. brass chain with 40 mm dia rubber plug	each	41.61	40.00	1.175	34.04	1.0936	37.23	"
1330	Clamps and M.S. stays including bolts and nuts for 100 mm pipe	each	36.41	30.00	1.175	25.53	1.0936	27.92	"
1331	M.S. Holder bat clamp of approved design for 10 mm S.C.I.pipe	each	20.80	20.00	1.175	17.02	1.0936	18.61	"
1332	M.S. Holder bat clamp of approved design for 75mm S.C.I.pipe	each	18.72	18.00	1.175	15.32	1.0936	16.75	"
1334	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	each	29.13	28.00	1.175	23.83	1.0936	26.06	"
1335	Clamps and M.S. stays including bolts and nuts for75 mm pipe	each	31.20	30.00	1.175	25.53	1.0936	27.92	"
1336	Cleaning eye with chain and lid 100 mm dia	each	45.77	44.00	1.175	37.45	1.0936	40.95	"
1337	Cleaning eye with chain and lid150 mm dia	each	52.01	50.00	1.175	42.55	1.0936	46.54	"
1339	Brass bib-cock 15 mm dia	each	218.44	210.00	1.175	178.72	1.0936	195.45	"
1340	Brass bib-cock 20mm dia	each	234.04	225.00	1.175	191.49	1.0936	209.41	"
1342	Brass stop-cock 15 mm dia	each	218.44	210.00	1.175	178.72	1.0936	195.45	"
1343	Brass stop-cock 20 mm dia	each	291.26	225.00	1.175	191.49	1.0936	209.41	"
1350	Mosquito proof coupling of approved design	each	31.20	30.00	1.175	25.53	1.0936	27.92	"
1352	C.I. cover and frame 300x300 mm inside	each	312.07	300.00	1.175	255.32	1.0936	279.22	"
1353	C.I. cover without frame 300x300 mm inside i/c cover of 4.50kg	each	234.04	225.00	1.175	191.49	1.0936	209.41	"
1354	Rectangular cover 455x610 mm with frame (low duty)	each	1560.31	1500.00	1.175	1276.60	1.0936	1396.09	"
1355	Rectangular cover 455x610 mm without frame (low duty)	each	1040.21	1000.00	1.175	851.06	1.0936	930.72	"
1356	500mm dia cover with frame (medium duty)	each	4940.99	4750.00	1.175	4042.55	1.0936	4420.84	"
1357	500mm dia cover withought frame (medium duty)	each	2392.48	2300.00	1.175	1957.45	1.0936	2140.65	"
1360	C.I. mouth ,brass ferrule 15 mm dia	each	145.63	140.00	1.175	119.15	1.0936	130.30	"
1361	C.I. mouth ,brass ferrule 20 mm dia	each	166.44	160.00	1.175	136.17	1.0936	148.92	"
1362	C.I. mouth ,brass ferrule 20 mm dia	each	228.85	220.00	1.175	187.23	1.0936	204.76	"
1363	Vitreous china foot rests 250x130x30 mm	pair	104.02	100.00	1.175	85.11	1.0936	93.07	"
1364	C.I. grating 100x100 mm	each	15.60	15.00	1.175	12.77	1.0936	13.96	"
1366	C.I. grating 150x150 mm	each	26.01	25.00	1.175	21.28	1.0936	23.27	"
1367	C.I. grating 180x180 mm	each	31.20	30.00	1.175	25.53	1.0936	27.92	"
1369	S.C.I. gully or nahani grating 100 mm dia	each	18.72	18.00	1.175	15.32	1.0936	16.75	"
1373	Rubber insertions for 80 mm dia pipe joints	each	15.60	15.00	1.175	12.77	1.0936	13.96	"
1374	Rubber insertions for 100 mm dia pipe joints	each	18.72	18.00	1.175	15.32	1.0936	16.75	"
1375	Rubber insertions for 125 mm dia pipe joints	each	20.80	20.00	1.175	17.02	1.0936	18.61	"
1376	Rubber insertions for 150 mm dia pipe joints	each	20.80	20.00	1.175	17.02	1.0936	18.61	"

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ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due Increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
1377	Rubber insertions for 200 mm dia pipe joints	each	26.01	25.00	1.175	21.28	1.0936	23.27	*
1378	Rubber insertions for 250 mm dia pipe joints	each	41.61	40.00	1.175	34.04	1.0936	37.23	*
1379	Rubber insertions for 300 mm dia pipe joints	each	46.81	45.00	1.175	38.30	1.0936	41.88	*
1380	Rubber insertions for 350 mm dia pipe joints	each	52.01	50.00	1.175	42.55	1.0936	46.54	*
1381	Rubber insertions for 400 mm dia pipe joints	each	75.93	73.00	1.175	62.13	1.0936	67.94	*
1382	Rubber insertions for 450 mm dia pipe joints	each	95.70	92.00	1.175	78.30	1.0936	85.63	*
1383	Rubber insertions for 500 mm dia pipe joints	each	114.42	110.00	1.175	93.62	1.0936	102.38	*
1384	Rubber insertions for 600 mm dia pipe joints	each	130.03	125.00	1.175	106.38	1.0936	116.34	*
1392	Mirror of superior make glass 60x45 cm	each	322.46	310.00	1.175	263.83	1.0936	288.52	*
1396	Vitreous china pedestal for wash basin	each	728.15	700.00	1.175	595.74	1.0936	651.51	*
1397	Pig lead	kilogram	93.62	138.00	1.175	117.45	1.0936	128.44	*
1464	S & S.C.I.standard specials up to 300 mm dia (heavy class)	quintal	3744.75	3600.00	1.175	3063.83	1.0936	3350.60	*
1466	S & S.C.I.standard specials over 300 mm dia (heavy class)	quintal	3848.77	3700.00	1.175	3148.94	1.0936	3443.68	*
1468	Flanged C.I. standard specials up to 300 mm dia(heavy class)	quintal	5721.14	5500.00	1.175	4680.85	1.0936	5118.98	*
1470	Flanged C.I. standard specials over 300 mm dia(heavy class)	quintal	6033.21	5500.00	1.175	4680.85	1.0936	5118.98	*
1472	Casing pipe 100 mm dia	metre	348.47	335.00	1.175	285.11	1.0936	311.79	*
1532	Flush pipe with union spreaders and clamps all in C.P. brass for single stall	each	280.85	270.00	1.175	229.79	1.0936	251.30	*
1533	Flush pipe with union spreaders and clamps all in C.P. brass for double stall	each	416.08	400.00	1.175	340.43	1.0936	372.29	*
1534	Flush pipe with union spreaders and clamps all in C.P. brass for range of three stall	each	540.91	520.00	1.175	442.55	1.0936	483.98	*
1535	Flush pipe with union spreaders and clamps all in C.P brass for range of four stall	each	624.12	600.00	1.175	510.64	1.0936	558.43	*
1540	Flush pipe and spreaders G.I for single set of one squatting plate urinal	each	182.04	175.00	1.175	148.94	1.0936	162.88	*
1541	Flush pipe and spreaders G.I.for range of two squatting plates urinal	each	260.05	250.00	1.175	212.77	1.0936	232.68	*
1542	Flush pipe and spreaders G.I for range of three squatting plates urinal each	each	312.07	300.00	1.175	255.32	1.0936	279.22	*
1543	Flush pipe and spreaders G.I.for range of four squatting plates urinal	each	405.68	390.00	1.175	331.91	1.0936	362.98	*
1545	G.I. pipes 15 mm dia	metre	88.42	77.00	1.175	65.53	1.0936	71.67	*
1546	G.I. pipes 20 mm dia	metre	114.42	99.00	1.175	84.26	1.0936	92.14	*
1547	G.I. pipes 25 mm dia	metre	156.03	110.00	1.175	93.62	1.0936	102.38	*
1548	G.I. pipes 32 mm dia	metre	187.24	145.00	1.175	123.40	1.0936	134.95	*
549	G.I. pipes 40 mm dia	metre	228.85	185.00	1.175	157.45	1.0936	172.18	*
550	G.I. pipes 50 mm dia	metre	286.06	220.00	1.175	187.23	1.0936	204.76	*
551	G.I. pipes 65 mm dia	metre	379.67	295.00	1.175	251.06	1.0936	274.56	*
552	G.I. pipes 80 mm dia	metre	478.49	400.00	1.175	340.43	1.0936	372.29	*
555	G.I. back (jam) nuts 25 mm dia	each	10.40	8.00	1.175	6.81	1.0936	7.45	*
559	G.I. back (jam) nuts 65 mm dia	each	22.89	20.00	1.175	17.02	1.0936	18.61	*
608	G.I. tees (equal) 25 mm	each	46.81	40.00	1.175	34.04	1.0936	37.23	*
612	G.I. tees (equal) 65 mm	each	291.26	250.00	1.175	212.77	1.0936	232.68	*
614	G.I. inlet connection	each	67.62	60.00	1.175	51.06	1.0936	55.84	*
616	S.C.I. soil, waste and vent single socketed pipe1.80 metres long: 75mm dia	each	988.20	950.00	1.175	808.51	1.0936	884.19	*
617	S.C.I. soil, waste and vent single socketed pipe1.80 metres long:100mm dia	each	1196.24	1150.00	1.175	978.72	1.0936	1070.33	*
618	S.C.I. soil, waste and vent single socketed pipe1.80 metres long: 150mm dia	each	1820.36	1750.00	1.175	1489.36	1.0936	1628.77	*
620	S.C.I. plain bend 75 mm dia	each	176.83	170.00	1.175	144.68	1.0936	158.22	*
621	S.C.I. plain bend 100 mm dia	each	364.07	350.00	1.175	297.87	1.0936	325.75	*
622	S.C.I. plain bend 150 mm dia	each	624.12	400.00	1.175	340.43	1.0936	372.29	*
624	S.C.I. bend with access door 75 mm dia	each	208.04	200.00	1.175	170.21	1.0936	186.14	*

ode no	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0)/109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
1625	S.C.I. bend with access door 100 mm dia	each	262.13	252.00	1.175	214.47	1.0936	234.54	*
1627	S.C.I. plain single equal junctions 75x75x75 mm dia	each	276.65	265.00	1.175	225.53	1.0936	246.64	*
1628	S.C.I. plain single equal junctions 100x100x100 mm dia	each	468.09	450.00	1.175	382.98	1.0936	418.83	*
1630	S.C.I. single equal junctions75x75x75 mm dia with access door	each	289.18	278.00	1.175	236.60	1.0936	258.74	*
1631	S.C.I. single equal junctions 100x100x100 mm dia with access door	each	391.12	376.00	1.175	320.00	1.0936	349.95	*
1633	S C.I. plain double equal junctions 75x75x75x75 mm dia	each	359.92	346.00	1.175	294.47	1.0936	322.03	*
1634	S.C.I. plain double equal junctions100x100x100x100 mm dia	each	540.91	520.00	1.175	442.55	1.0936	483.98	*
1636	S.C.I. double equal junctions75x75x75x75 mm dia with access door	each	442.09	425.00	1.175	361.70	1.0936	395.56	*
1637	S.C.I. double equal junctions 100x100x100x100 mm dia with access door	each	572.12	550.00	1.175	468.09	1.0936	511.90	*
1639	Slotted cowl (terminal guard) 75 mm dia	each	157.07	151.00	1.175	128.51	1.0936	140.54	*
1640	Slotted cowl (terminal guard) 100 mm dia	each	197.64	190.00	1.175	161.70	1.0936	176.84	*
1641	G.I. Union 15 mm nominal bore	each	57.21	30.00	1.175	25.53	1.0936	27.92	*
1642	G.I. Union 20 mm nominal bore	each	78.01	50.00	1.175	42.55	1.0936	46.54	*
1643	G.I. Union 25 mm nominal bore	each	88.42	80.00	1.175	68.09	1.0936	74.46	*
1644	G.I. Union 32 mm nominal bore	each	124.83	110.00	1.175	93.62	1.0936	102.38	*
1645	G.I. Union 40 mm nominal bore	each	192.43	160.00	1.175	136.17	1.0936	148.92	*
1646	G.I. Union 50 mm nominal bore	each	228.85	200.00	1.175	170.21	1.0936	186.14	*
1647	G.I. Union 65 mm nominal bore	each	447.29	400.00	1.175	340.43	1.0936	372.29	*
1648	G.I. Union 80 mm nominal bore	each	530.51	470.00	1.175	400.00	1.0936	437.44	*
1649	Polyethylene water storage tank with cover and suitable locking arrangement	pair litre	4.68	5.30	1.175	4.51	1.0936	4.93	*
1653	Sand cast iron S&S plain single unequal junctions : 100x100x75 mm dia	each	384.88	370.00	1.175	314.89	1.0936	344.37	*
1656	Sand cast iron S&S single unequal junctions: 100x100x75 mm dia with access door	each	416.08	400.00	1.175	340.43	1.0936	372.29	*
1659	Sand cast iron S&S plain double unequal junctions : 100x100x75x75 mm dia	each	572.12	550.00	1.175	468.09	1.0936	511.90	*
1662	Sand cast iron S&S double unequal junctions: 100x100x75x75 mm dia with access door	each	572.12	550.00	1.175	468.09	1.0936	511.90	*
1666	Sand cast iron heel rest bend 75 mm dia	each	228.85	220.00	1.175	187.23	1.0936	204.76	*
667	Sand cast iron heel rest bend 100 mm dia	each	260.05	250.00	1.175	212.77	1.0936	232.68	*
669	S.C.I. single equal invert branch of required degree75x75x75 mm dia	each	332.87	320.00	1.175	272.34	1.0936	297.83	*
670	S.C.I. single equal invert branch of required degree 100x100x100 mm dia	each	426.49	410.00	1.175	348.94	1.0936	381.60	*
672	S.C.I. double equal invert branch of required degree 75x75x75x75 mm dia	each	426.49	410.00	1.175	348.94	1.0936	381.60	*
673	S.C.I. double equal invert branch of required degree 100x100x100x100 mm dia	each	572.12	550.00	1.175	468.09	1.0936	511.90	*
674	S.C.I. single unequal invert branch of required degree100x100x75 mm dia	each	514.91	495.00	1.175	421.28	1.0936	460.71	*
677	S.C.I. double unequal invert branchof required degree 100x100x75x75 mm dia	each	592.92	570.00	1.175	485.11	1.0936	530.51	*
682	S.C.I. door pieces 75 mm dia	each	286.06	275.00	1.175	234.04	1.0936	255.95	*
683	S.C.I. door pieces 100 mm dia	each	416.08	400.00	1.175	340.43	1.0936	372.29	*
685	S.C.I. collar 75 mm dia	each	117.54	92.00	1.175	78.30	1.0936	85.63	*
686	S.C.I. collar 100 mm dia	each	148.75	138.00	1.175	117.45	1.0936	128.44	*
687	Unplasticised P.V.C. connection pipe with brass union 30 cm long 15 mm bore	each	31.20	30.00	1.175	25.53	1.0936	27.92	*
688	Unplasticised P.V.C. connection pipe with brass union 30 cm long 20 mm bore	each	36.41	35.00	1.175	29.79	1.0936	32.58	*
689	Unplasticised P.V.C. connection pipe with brass union 45 cm long 15 mm bore	each	36.41	35.00	1.175	29.79	1.0936	32.58	*
690	Unplasticised P.V.C. connection pipe with brass union 45 cm long 20 mm bore	each	49.93	48.00	1.175	40.85	1.0936	44.67	*
693	S.C. I. hand pump S . O.R-BCD(0.3) 9th Edition	each	696.94	670.00	1.175	570.21	1.0936	623.58	

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in SR from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
1700	R.C.C. pipes NP2 class 100 mm dia	metre	208.04	200.00	1.175	170.21	1.0936	186.14	"
1701	R.C.C. pipes NP2 class 150 mm dia	metre	218.44	210.00	1.175	178.72	1.0936	195.45	"
1702	R.C.C. pipes NP2 class 250 mm dia	metre	270.46	260.00	1.175	221.28	1.0936	241.99	"
1703	R.C.C. pipes NP2 class 300 mm dia	metre	312.07	300.00	1.175	255.32	1.0936	279.22	"
1704	R.C.C. pipes NP2 class 450 mm dia	metre	416.08	400.00	1.175	340.43	1.0936	372.29	"
1705	R.C.C. pipes NP2 class 500 mm dia	metre	603.32	580.00	1.175	493.62	1.0936	539.82	"
1706	R.C.C pipes NP2 class 600 mm dia	metre	956.99	920.00	1.175	782.98	1.0936	856.27	"
1707	R.C.C pipes NP2 class 700 mm dia	metre	1092.22	1050.00	1.175	893.62	1.0936	977.26	"
1709	R.C.C. pipes NP2 class 800 mm dia	metre	1217.04	1170.00	1.175	995.74	1.0936	1088.95	"
1710	R.C.C. pipes NP2 class 900 mm dia	metre	1331.46	1280.00	1.175	1089.36	1.0936	1191.33	"
1711	R.C.C. pipes NP2 class 1000 mm dia	metre	1653.93	1590.00	1.175	1353.19	1.0936	1479.85	"
1712	R.C.C. pipes NP2 class 1100 mm dia	metre	1950.39	1875.00	1.175	1595.74	1.0936	1745.11	"
1713	R.C.C. pipes NP2 class 1200 mm dia	metre	2002.40	1677.00	1.175	1427.23	1.0936	1560.82	"
1714	R.C.C. pipes NP2 class 100 mm dia	each	31.20	30.00	1.175	25.53	1.0936	27.92	"
1715	R.C.C. pipes NP2 class 150 mm dia	each	36.41	35.00	1.175	29.79	1.0936	32.58	"
1716	R.C.C.collars NP2 class 250 mm dia	each	52.01	50.00	1.175	42.55	1.0936	46.54	"
1717	R.C.C.collars NP2 class 300 mm dia	each	57.21	55.00	1.175	46.81	1.0936	51.19	"
1718	R.C.C.collars NP2 class 450 mm dia	each	104.02	100.00	1.175	85.11	1.0936	93.07	"
1719	R.C.C. collars NP2 class 500 mm dia	each	119.62	115.00	1.175	97.87	1.0936	107.03	"
1720	R.C.C.collars NP2 class 600 mm dia	each	145.63	140.00	1.175	119.15	1.0936	130.30	"
1721	R.C.C. collars NP2 class 700 mm dia	each	156.03	150.00	1.175	127.66	1.0936	139.61	"
1723	R.C.C.collars NP2 class 800 mm dia	each	208.04	200.00	1.175	170.21	1.0936	186.14	"
1724	R.C.C. collars NP2 class 900 mm dia	each	244.45	235.00	1.175	200.00	1.0936	218.72	"
1725	R.C.C. collars NP2 class 1000 mm dia	each	291.26	280.00	1.175	238.30	1.0936	260.60	"
1726	R.C.C. collars NP2 class 1100 mm dia	each	312.07	300.00	1.175	255.32	1.0936	279.22	"
1727	R.C.C. collars NP2 class 1200 mm dia	each	364.07	350.00	1.175	297.87	1.0936	325.75	"
1728	RCC pipe 450 mm dia NP-3 spigot	metre	1556.16	1496.00	1.175	1273.19	1.0936	1392.36	"
1729	RCC pipe 600 mm dia NP-3 spigot	metre	2075.21	1995.00	1.175	1697.87	1.0936	1856.79	"
1730	RCC pipe 900 mm dia NP-3 spigot	metre	3276.65	3150.00	1.175	2680.85	1.0936	2931.78	"
1731	RCC pipe 1000 mm dia NP-3 spigot	metre	4041.20	3885.00	1.175	3306.38	1.0936	3615.86	"
732	RCC pipe 1200 mm dia NP-3 spigot	metre	5242.65	5040.00	1.175	4289.36	1.0936	4690.85	"
733	RCC pipe 1800 mm dia NP-3 spigot	metre	9829.96	9450.00	1.175	8042.55	1.0936	8795.34	"
734	RCC pipe 450 mm dia NP-4 spigot	metre	1802.68	1733.00	1.175	1474.89	1.0936	1612.94	"
735	RCC pipe 600 mm dia NP-4 spigot	metre	2402.88	2310.00	1.175	1965.96	1.0936	2149.97	"
736	RCC pipe 900 mm dia NP-4 spigot	metre	4779.76	4494.00	1.175	3824.68	1.0936	4182.67	"
737	RCC pipe 1000 mm dia NP-4 spigot	metre	5788.76	5565.00	1.175	4736.17	1.0936	5179.48	"
738	RCC pipe 1200 mm dia NP-4 spigot	metre	6771.76	6510.00	1.175	5540.43	1.0936	6059.01	"
739	RCC pipe 1800 mm dia NP-4 spigot	metre	14198.84	13650.00	1.175	11617.02	1.0936	12704.37	"
854	Stoneware pipes grade A (60 cm long) 100 mm dia	each	52.01	50.00	1.175	42.55	1.0936	46.54	"
855	Stoneware pipes grade A (60 cm long) 150 mm dia	each	83.22	80.00	1.175	68.09	1.0936	74.46	"
856	Stoneware pipes grade A (60 cm long) 200 mm dia	each	138.34	110.00	1.175	93.62	1.0936	102.38	"
857	Stoneware pipes grade A (60 cm long) 230 mm dia	each	176.83	170.00	1.175	144.68	1.0936	158.22	
858	Stoneware pipes grade A (60 cm long) 250 mm dia	each	228.85	210.00	1.175	178.72	1.0936	195.45	"

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1	2	3	4	5.00	6	7	8	9	10
1859	Stoneware pipes grade A (60 cm long) 300 mm dia	each	249.65	240.00	1.175	204.26	1.0936	223.37	*
1863	Fire clay kitchen sink: 600x450x250 mm	each	1404.28	1300.00	1.175	1106.38	1.0936	1209.94	*
1871	White vitreous china laboratory sink450x300x150 mm	each	852.97	820.00	1.175	697.87	1.0936	763.19	*
1872	White vitreous china laboratory sink600x450x200 mm	each	1586.32	1525.00	1.175	1297.87	1.0936	1419.35	*
1875	White plastic seat (solid)with lid C.P.brass hinges and rubber buffers	each	343.27	330.00	1.175	280.85	1.0936	307.14	*
1876	Black plastic seat (solid) with lid C.P.brass hinges and rubber buffers	each	322.46	310.00	1.175	263.83	1.0936	288.52	*
1878	Shower rose C.P.brass for 15 to 20 mm inlet 100 mm dia	each	52.01	50.00	1.175	42.55	1.0936	46.54	*
1879	Shower rose C.P.brass for 15 to 20 mm inlet 150 mm dia	each	62.41	60.00	1.175	51.06	1.0936	55.84	*
1881	Spun yam	kilogram	52.01	50.00	1.175	42.55	1.0936	46.54	*
1882	Strainer brass 40 mm dia 1.5 metre long	each	624.12	600.00	1.175	510.64	1.0936	558.43	*
1885	15 mm C.P brass tap	each	218.44	210.00	1.175	178.72	1.0936	195.45	*
1889	C.P.brass toilet paper holder of standard size	each	176.83	185.00	1.175	157.45	1.0936	172.18	*
1891	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P.brass: 50 mm dia	each	176.83	170.00	1.175	144.68	1.0936	158.22	*
1893	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P.brass: 80 mm dia	each	234.04	225.00	1.175	191.49	1.0936	209.41	*
1895	C.P.brass trap40 mm dia	each	156.03	250.00	1.175	212.77	1.0936	232.68	*
1896	100 mm S.C.I. trap with vent heel	each	327.67	315.00	1.175	268.09	1.0936	293.18	*
1897	100 mm S.C.I. trap with 100 mm inlet and 100 mm outlet	each	286.06	275.00	1.175	234.04	1.0936	255.95	*
1898	100 mm S.C.I. trap with 100 mm inlet and 75 mm outlet	each	226.77	218.00	1.175	185.53	1.0936	202.90	*
1900	S.W. gully trap P type 100x100 mm	each	93.62	90.00	1.175	76.60	1.0936	83.77	*
1902	S.W. gully trap P type 150x100 mm	each	135.22	130.00	1.175	110.64	1.0936	120.99	*
1904	S.W. gully trap P type 180x150 mm	each	234.04	225.00	1.175	191.49	1.0936	209.41	*
1913	Vitreous china lipped front urinal	each	478.49	460.00	1.175	391.49	1.0936	428.13	*
1915	Vitreous china squatting plate urinal	each	790.56	1053.00	1.175	896.17	1.0936	980.05	*
1922	H.P. or L.P. ball valve with polythene floats: 15 mm dia	each	218.44	210.00	1.175	178.72	1.0936	195.45	*
1923	H.P. or L.P. ball valve with polythene floats: 20 mm dia	each	317.26	235.00	1.175	200.00	1.0936	218.72	*
1924	H.P. or L.P. ball valve with polythene floats: 25 mm dia	each	343.27	230.00	1.175	195.74	1.0936	214.07	*
1927	Brass full way valve with C.I. wheel (screwed end) 25 mm dia	each	384.07	350.00	1.175	297.87	1.0936	325.75	*
1928	Brass full way valve with C.I. wheel (screwed end) 32 mm dia	each	426.49	410.00	1.175	348.94	1.0936	381.60	*
1929	Brass full way valve with C.I. wheel (screwed end) 40 mm dia	each	499.30	480.00	1.175	408.51	1.0936	446.75	*
930	Brass full way valve with C.I. wheel (screwed end) 50 mm dia	each	644.93	620.00	1.175	527.66	1.0936	577.05	*
931	Brass full way valve with C.I. wheel (screwed end) 65 mm dia	each	1123.43	1080.00	1.175	919.15	1.0936	1005.18	*
932	Brass full way valve with C.I. wheel (screwed end) 80 mm dia	each	1685.14	1620.00	1.175	1378.72	1.0936	1507.77	*
933	Gunmetal non-return valve-horizontal (screwed end) 25 mm dia	each	343.27	330.00	1.175	280.85	1.0936	307.14	*
934	Gunmetal non-return valve-horizontal (screwed end) 32 mm dia	each	468.09	450.00	1.175	382.98	1.0936	418.83	*
935	Gunmetal non-return valve-horizontal (screwed end) 40 mm dia	each	582.51	560.00	1.175	476.60	1.0936	521.21	*
936	Gunmetal non-return valve-horizontal (screwed end) 50 mm dia	each	852.97	820.00	1.175	697.87	1.0936	763.19	*
937	Gunmetal non-return valve-horizontal (screwed end) 65 mm dia	each	1549.91	1490.00	1.175	1268.09	1.0936	1386.78	*
938	Gunmetal non-return valve-horizontal (screwed end) 80 mm dia	each	2205.24	2120.00	1.175	1804.26	1.0936	1973.13	*
940	C.I. sluice valve (with caps) class I : 100 mm dia	each	2506.90	2410.00	1.175	2051.08	1.0936	2243.04	*
941	C.I. sluice valve (with caps) class I : 125 mm dia	each	2704.54	2600.00	1.175	2212.77	1.0936	2419.88	*
942	C.I. sluice valve (with caps) class I : 150 mm dia	each	3744.75	3600.00	1.175	3063.83	1.0936	3350.60	*
943	C.I. sluice valve (with caps) class I : 200 mm dia	each	7801.56	7500.00	1.175	6382.98	1.0936	6980.43	*
944	C.I. sluice valve (with caps) class I : 250 mm dia	each	11421.49	10980.00	1.175	9344.68	1.0936	10219.34	*
945	C.I. sluice valve (with caps) class I : 300 mm dia	each	16123.23	15500.00	1.175	13191.49	1.0936	14426.21	*

S_O.R-BCD(0.3) 9th Edition

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2018 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
1947	Vitreous china flat back wash basin 630x450 mm	each	754.15	725.00	1.175	617.02	1.0936	674.77	*
1949	Vitreous china angle back wash basin 600x480 mm	each	754.15	725.00	1.175	617.02	1.0936	674.77	*
1950	Vitreous china angle back wash basin 400x400 mm	each	442.09	425.00	1.175	361.70	1.0936	395.56	*
1951	C.P. brass waste 32 mm	each	83.22	80.00	1.175	68.09	1.0936	74.46	*
1952	C.P. brass waste 40 mm	each	98.82	95.00	1.175	80.85	1.0936	88.42	*
1953	Vitreous china Indian type w.c. pan size 580 mm	each	468.09	450.00	1.175	382.98	1.0936	418.83	*
1954	Vitreous china orrisa type w.c. pan size 580 mm	each	811.36	780.00	1.175	663.83	1.0936	725.96	*
1955	Vitreous china pedestal type water closet	each	728.15	700.00	1.175	595.74	1.0936	651.51	*
1956	Bolts and nuts 16 mm dia 60 mm long	each	12.48	11.00	1.175	9.36	1.0936	10.24	*
1957	Bolts and nuts 16 mm dia 65 mm long	each	12.48	12.00	1.175	10.21	1.0936	11.17	*
1958	Bolts and nuts 20 mm dia 65 mm long	each	15.60	15.00	1.175	12.77	1.0936	13.96	*
1959	Bolts and nuts 20 mm dia 70 mm long	each	15.60	17.00	1.175	14.47	1.0936	15.82	*
1960	Bolts and nuts 20 mm dia 75 mm long	each	16.65	16.00	1.175	13.62	1.0936	14.89	*
1961	Bolts and nuts 20 mm dia 80 mm long	each	18.72	18.00	1.175	15.32	1.0936	16.75	*
1962	Bolts and nuts 24 mm dia 85 mm long	each	29.13	28.00	1.175	23.83	1.0936	26.06	*
1963	Bolts and nuts 24 mm dia 90 mm long	each	33.29	32.00	1.175	27.23	1.0936	29.78	*
1964	Bolts and nuts 27 mm dia 100 mm long	each	39.53	38.00	1.175	32.34	1.0936	35.37	*
1965	White vitreous china dual purpose closet (Anglo Indian W.C.) suitable for use as squatting pan or European type water closet as per manufacturer's specifications	each	1352.27	1300.00	1.175	1106.38	1.0936	1209.94	*
1966	Floor mounted white vitrous china double trap syphonic WC with 10 litre cistern and all fittings & fixtures,seat cover etc	each		9500.00	1.175	8085.11	1.0936	8841.87	*
1970	Vitreous china foot rests 250x125x25 mm	pair	104.02	100.00	1.175	85.11	1.0936	93.07	*
1980	Fly ash	cum	8.06	8.00	1.175	6.81	1.0936	7.45	*
1984	Brick Tiles (300mm x 150mm x 50mm)	thousand	6727.35			5986.00		5986.00	**
1986	Uraban Patna		7019.25			6247.00		6247.00	**
A	For ,Bhagalpur,Saharasar,Darabhanga ,Muzaffarpur		7049.70			6274.00		6274.00	**
B	For Purnea		7373.10			6563.00		6563.00	**
C	For other places		6727.35			5986.00		5986.00	**
D	Common burnt clay modular bricks class designation 12.5	1000 nos	7019.25			6247.00		6247.00	**
200	Carriage of Steam coal	tonne		118.59	1.05	112.94	1.0936	123.51	*
201	Carriage of Bricks	1000 nos		276.72	1.05	0.00	0.0000	0.00	*
202	Carriage of Stone aggregate below 40 mm nominal size	cum		103.77	1.05	0.00	0.0000	0.00	*
203	Carriage of Coarse sand	cum		103.77	1.05	0.00	0.0000	0.00	*
204	Carriage of Timber	cum		118.59	1.05	112.94	1.0936	123.51	*
205	Carriage of Steel	tonne		92.24	1.05	87.85	1.0936	96.07	*
206	Carriage of Stone aggregate 40 mm nominal size and above	cum		112.79	1.05	0.00	0.0000	0.00	*
207	Carriage of Brick tiles	1000 nos		166.03	1.05	0.00	1.0936	0.00	*
208	Carriage of Lime	cum		103.77	1.05	98.83	1.0936	108.08	*
209	Carriage of Cement	tonne		92.24	1.05	87.85	1.0936	96.07	*
211	Carriage of Tar / Bitumen	tonne		103.77	1.05	98.83	1.0936	108.08	*
215	Carriage of Soling stone & masonry stone	cum		122.08	1.05	116.27	1.0936	127.15	*
216	Carriage of Stone blocks white & red sand stone & kota stone slab	tonne		92.24	1.05	87.85	1.0936	96.07	*
224	Carriage of S.W. pipes 100 mm dia	100 metre		138.36	1.05	131.77	1.0936	144.11	*
225	Carriage of S.W. pipes 150 mm dia	100 metre		276.72	1.05	263.54	1.0936	288.21	*
226	Carriage of S.W. pipes 200 mm dia	100 metre		461.19	1.05	439.23	1.0936	480.34	*
228	Carriage of S.W. pipes 250 mm dia	100 metre		790.62	1.05	752.97	1.0936	823.45	*
229	Carriage of S.W. pipes 300 mm dia	100 metre		988.27	1.05	941.21	1.0936	1029.31	*
241	Carriage of Good earth	cum		129.71	1.05	0.00	1.0936	0.00	*

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1	2	3	4	5.00	6	7	8	9	10
2242	Carriage of Dump manure by mechanical transport upto 5 km lead	cum		112.79	1.05	107.42	1.0936	117.47	*
2260	Carriage of Brick aggregate	cum		112.79	1.05	0.00	1.0936	0.00	*
2261	Carriage of Fine sand	cum		103.77	1.05	0.00	1.0936	0.00	*
2262	Carriage of Flyash	cum		103.77	1.05	98.83	1.0936	108.08	*
2264	Carriage of Rubbish	cum		103.77	1.05	98.83	1.0936	108.08	*
2265	Carriage of Moorum	cum		103.77	1.05	98.83	1.0936	108.08	*
2266	Carriage of Surkhi	cum		103.77	1.05	98.83	1.0936	108.08	*
2267	Carriage of Stone dust	cum		103.77	1.05	98.83	1.0936	108.08	*
2268	Carriage of Marble dust and/or marble chips	cum		103.77	1.05	98.83	1.0936	108.08	*
2271	Carriage of G.I. pipes below 100 mm dia	tonne		92.24	1.05	87.85	1.0936	96.07	*
2272	Carriage of Stainless Steel pipes below 100 mm dia	tonne		92.24	1.05	87.85	1.0936	96.07	*
2273	Carriage of A.C.sheet and accessories	tonne		92.24	1.05	87.85	1.0936	96.07	*
2275	Carriage of R.C.C. pipes 100 mm dia	100 metre		226.82	1.05	216.02	1.0936	236.24	*
2281	Carriage of R.C.C. pipes 150 mm dia	100 metre		378.03	1.05	360.03	1.0936	393.73	*
2287	Carriage of R.C.C. pipes 250 mm dia	100 metre		873.84	1.05	832.23	1.0936	910.13	*
2290	Carriage of R.C.C. pipes 300 mm dia	100 metre		1080.08	1.05	1028.65	1.0936	1124.93	*
2299	Carriage of R.C.C. pipes 450 & 500 mm dia	100 metre		2520.19	1.05	2400.18	1.0936	2624.84	*
2302	Carriage of G.I. sheet and accessories	tonne		92.24	1.05	87.85	1.0936	96.07	*
2303	Carriage of R.C.C. pipes 600,700 750 & 800 mm dia	100 metre		3780.28	1.05	3600.27	1.0936	3937.25	*
2308	Carriage of Plaster of paris	tonne		92.24	1.05	87.85	1.0936	96.07	*
2309	Carriage of Cast Iron fittings	tonne		92.24	1.05	87.85	1.0936	96.07	*
2311	Carriage of Red bajri	cum		103.77	1.05	98.83	1.0936	108.08	*
2314	Carriage of Barbed wire	tonne		92.24	1.05	87.85	1.0936	96.07	*
2317	Carriage of Sludge	cum		112.79	1.05	107.42	1.0936	117.47	*
2319	Carriage of Spun iron S & S pipes 100 mm dia	100 metre		226.82	1.05	216.02	1.0936	236.24	*
2320	Carriage of Spun iron S & S pipes 125 mm dia	100 metre		302.97	1.05	288.54	1.0936	315.55	*
2321	Carriage of Spun iron S & S pipes 150 mm dia	100 metre		378.03	1.05	360.03	1.0936	393.73	*
2322	Carriage of Spun iron S & S pipes 200 mm dia	100 metre		614.93	1.05	585.65	1.0936	640.46	*
2323	Carriage of Spun iron S & S pipes 250 mm dia	100 metre		873.84	1.05	832.23	1.0936	910.13	*
2324	Carriage of Spun iron S & S pipes 300 mm dia	100 metre		1080.08	1.05	1028.65	1.0936	1124.93	*
2325	Carriage of Spun iron S & S pipes 350 mm dia	100 metre		1512.11	1.05	1440.10	1.0936	1574.90	*
2326	Carriage of Spun iron S & S pipes 400 mm dia	100 metre		2061.97	1.05	1963.78	1.0936	2147.59	*
2327	Carriage of Spun iron S & S pipes 450 mm dia	100 metre		2520.19	1.05	2400.18	1.0936	2624.84	*
2328	Carriage of Spun iron S & S pipes 500 mm dia	100 metre		2520.19	1.05	2400.18	1.0936	2624.84	*
2329	Carriage of Spun iron S & S pipes 600mm dia	100 metre		3780.28	1.05	3600.27	1.0936	3937.25	*
2330	Carriage of C.I. pipes 500 mm dia	100 metre		2520.19	1.05	2400.18	1.0936	2624.84	*
2331	Carriage of R.C.C. pipes 900 mm dia	100 metre		5670.42	1.05	5400.40	1.0936	5905.88	*
2332	Carriage of R.C.C. pipes 1000 mm dia	100 metre		7560.57	1.05	7200.54	1.0936	7874.51	*
2333	Carriage of R.C.C. pipes 1100 mm dia	100 metre		7560.57	1.05	7200.54	1.0936	7874.51	*
2334	Carriage of R.C.C. pipes 1200 mm dia	100 metre		7560.57	1.05	7200.54	1.0936	7874.51	*
2335	Carriage of sand	cum		103.77	1.05	0.00	1.0936	0.00	*
2336	Carriage of R.C.C. pipe above 1200 mm dia and upto 1600 mm dia	100 metre		7560.57	1.05	7200.54	1.0936	7874.51	*
2341	Carriage of Pig lead	tonne		92.24	1.05	87.85	1.0936	96.07	*
2342	Carriage of Solvent / Diesel.	quintel		10.38	1.05	9.89	1.0936	10.81	*
2343	Carriage of Ductile iron pipes (k7) 100 mm dia	100 metre		226.82	1.05	216.02	1.0936	236.24	*
2344	Carriage of Cast iron pipes 150 mm dia	100 metre		378.03	1.05	360.03	1.0936	393.73	*
2345	Carriage of Cast iron pipes 200 mm dia	100 metre		614.93	1.05	585.65	1.0936	640.46	*
2346	Carriage of Cast iron pipes 250 mm dia	100 metre		873.84	1.05	832.23	1.0936	910.13	*
2347	Carriage of Cast iron pipes 300 mm dia	100 metre		1080.08	1.05	1028.65	1.0936	1124.93	*

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1	2	3	4	5.00	6	7	8	9	10
2348	Carriage of Cast iron pipes 350 mm dia	100 metre		1512.11	1.05	1440.10	1.0936	1574.90	*
2349	Carriage of Cast iron pipes 400 mm dia	100 metre		2061.97	1.05	1963.78	1.0936	2147.59	*
2350	Carriage of Cast iron pipes 450 mm dia	100 metre		2520.19	1.05	2400.18	1.0936	2624.84	*
2351	Carriage of Cast iron pipes 500 mm dia	100 metre		2520.19	1.05	2400.18	1.0936	2624.84	*
2352	Carriage of Cast iron pipes 600 mm dia	100 metre		3780.28	1.05	3600.27	1.0936	3937.25	*
2353	Carriage of Cast iron pipes 700 mm dia	100 metre		3780.28	1.05	3600.27	1.0936	3937.25	*
2355	Carriage of Cast iron pipes 800 mm dia	100 metre		3780.28	1.05	3600.27	1.0936	3937.25	*
2356	Carriage of Cast iron pipes 900 mm dia	100 metre		5670.42	1.05	5400.40	1.0936	5905.88	*
2357	Carriage of Cast iron pipes 1000 mm dia	100 metre		7560.57	1.05	7200.54	1.0936	7874.51	*
2391	Strips-Aluminium fluted 3.15 mm thick and 150 mm wide	metre	237.16	228.00	1.175	194.04	1.0936	212.20	*
2392	Strips-Aluminium fluted 3.15 mm thick and 200 mm wide metre	metre	336.99	323.00	1.175	274.89	1.0936	300.62	*
2393	1 mm thick Stainless Steel Cover plate grade 304	Kg	286.06	275.00	1.175	234.04	1.0936	255.95	*
2394	Coupler 16 mm dia	each	69.69	67.00	1.175	57.02	1.0936	62.36	*
2395	Coupler 20 mm dia	each	91.54	88.00	1.175	74.89	1.0936	81.90	*
2396	Coupler 25 mm dia	each	135.22	130.00	1.175	110.64	1.0936	120.99	*
2397	Coupler 28 mm dia	each	199.72	192.00	1.175	163.40	1.0936	178.70	*
2398	Coupler 32 mm dia	each	240.29	231.00	1.175	196.60	1.0936	215.00	*
2399	Complete Roof Joint of 100 mm	metre	4680.94	2800.00	1.175	2382.98	1.0936	2606.03	*
2400	Complete Roof Joint of 150 mm	metre	4993.00	3200.00	1.175	2723.40	1.0936	2978.31	*
2401	Complete Roof Joint of 200 mm	metre	5201.04	4000.00	1.175	3404.26	1.0936	3722.89	*
2402	Epoxy adhesive	kg	156.03	150.00	1.175	127.66	1.0936	139.61	*
2403	Floor Joint of 100 mm	metre	4680.94	3100.00	1.175	2638.30	1.0936	2885.24	*
2404	Floor Joint of 150 mm	metre	5201.04	4000.00	1.175	3404.26	1.0936	3722.89	*
2405	Floor Joint of 200 mm	metre	5617.13	5400.00	1.175	4595.74	1.0936	5025.91	*
2406	Float glass sheet of nominal thickness 4 mm (weighing not less than 10 kg/sqm)	sqm	343.27	286.00	1.175	243.40	1.0936	266.19	*
2407	Float Glass sheet of nominal thickness 5.5mm (weighing not less than 13.50 kg/sqm	sqm	520.10	490.00	1.175	417.02	1.0936	456.05	*
2408	Float glass sheet of nominal thickness 8 mm (weight not less than 20.00 kg/sqm)	sqm	728.15	605.00	1.175	514.89	1.0936	563.09	*
2409	Wall Joint of 100 mm	metre	3536.70	2400.00	1.175	2042.55	1.0936	2233.74	*
2410	Wall Joint of 150 mm	metre	3848.77	2800.00	1.175	2382.98	1.0936	2606.03	*
2411	Wall Joint of 200 mm	metre	4160.83	3400.00	1.175	2893.62	1.0936	3164.46	*
2412	Ply wood 5 ply with commercial ply on both faces 6 mm thick	sqm	374.48	376.00	1.175	320.00	1.0936	349.95	*
2413	12 mm commercial ply	sqm	603.32	700.00	1.175	595.74	1.0936	651.51	*
2414	18 mm thick block board with commercial ply veneering on both side	sqm	728.15	788.00	1.175	670.64	1.0936	733.41	*
2415	21 mm thick clear toughened Laminated glass for fins with holes	sqm		6000.00	1.175	5106.38	1.0936	5584.34	*
2447	Hollock bailies 125 mm diameter	metre	36.41	35.00	1.175	29.79	1.0936	32.58	*
2449	Oxidised mild steel Pull bolt lock of size 85mmx42mm with screws bolts and washers complete	each	52.01	55.00	1.175	46.81	1.0936	51.19	*
2451	Brass Cupboard lock 6 levers (best make of approved quality) 40 mm size	each	72.81	52.00	1.175	44.26	1.0936	48.40	*
2452	Brass Cupboard lock 6 levers (best make of approved quality) 50 mm size	each	78.01	80.00	1.175	68.09	1.0936	74.48	*
2453	Brass Cupboard lock 6 levers (best make of approved quality) 65 mm size	each	83.22	85.00	1.175	72.34	1.0936	79.11	*
2454	Brass Cupboard lock 6 levers (best make of approved quality) 75 mm size	each	104.02	100.00	1.175	85.11	1.0936	93.07	*
2455	Brass Hanging type door stopper 150 mm	each	67.62	70.00	1.175	59.57	1.0936	65.15	*
2456	Hydraulic door closer tubular type aluminium die cast body with necessary accessories and screws complete	each	613.73	303.00	1.175	257.87	1.0936	282.01	*
2459	Anodised Aluminium hanging type door stopper	each	26.01	18.00	1.175	15.32	1.0936	16.75	*
2464	Anodised Aluminium pull bolt lock (locking bolt) of size 85x42 mm with screws, bolts, nuts and washers complete	each	52.01	45.00	1.175	38.30	1.0936	41.88	*
2465	Anodised Aluminium Casement stay 250 mm	each	52.01	30.00	1.175	25.53	1.0936	27.92	*

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2018	Factor for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2018 to June 2018[1+(113.3-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
2466	Hollock wood in scantling	10 cud	338.06	340.00	1.175	289.36	1.0936	316.45	*
2467	Chromium plated Brass Pull bolt lock (locking bolt) of size 85mm x 42mm with screws, bolts, nuts and washers complete	each	171.64	165.00	1.175	140.43	1.0936	153.57	*
2468	Chromium Brass cupboard lock (Nickled) 40mm size	each	57.62	56.00	1.175	47.66	1.0936	52.12	*
2469	Chromium Brass cupboard lock (Nickled) 50mm size	each	78.01	66.00	1.175	56.17	1.0936	61.43	*
2470	Chromium Brass cupboard lock (Nickled) 65mm size	each	88.42	90.00	1.175	76.60	1.0936	83.77	*
2471	Chromium Brass cupboard lock (Nickled) 75mm size	each	114.42	115.00	1.175	97.87	1.0936	107.03	*
2480	PANELS Ply wood 5 ply with teak ply on both faces 9 mm thick	sqm	1071.41	807.00	1.175	686.81	1.0936	751.09	*
2481	Ply wood 5 ply with teak ply n one face and commercial ply on another face 9 mm thick	sqm	873.78	850.00	1.175	723.40	1.0936	791.11	*
2483	Ply wood 7 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	956.99	950.00	1.175	808.51	1.0936	884.19	*
2484	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	719.72	460.00	1.175	391.49	1.0936	428.13	*
2485	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	959.59	597.00	1.175	508.09	1.0936	555.64	*
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to IS:14587	sqm	1246.33	860.00	1.175	731.91	1.0936	800.42	*
2487	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	667.03	430.00	1.175	365.96	1.0936	400.21	*
2488	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	895.26	560.00	1.175	476.60	1.0936	521.21	*
2489	PVC edge bending tape 2.00 mm thick	metre	29.70	30.00	1.175	25.53	1.0936	27.92	*
2491	Pre laminated both side solid foam uPVC profile (45x20mm)	metre	104.02	125.00	1.175	106.38	1.0936	116.34	*
2492	Solid foam uPVC sheet 20mm thick pre laminated on both side	sqm		2075.00	1.175	1765.96	1.0936	1931.25	*
2493	PVC edge beading	metre		30.00	1.175	25.53	1.0936	27.92	*
2494	Expandable fastner with plastic sleeve	each		5.00	1.175	4.26	1.0936	4.65	*
2500	Extra for selected planks of second class deodar wood	10 cud	104.02	110.00	1.175	93.62	1.0936	102.38	*
2504	Kiln seasoning of timber	cum	759.35	750.00	1.175	638.30	1.0936	698.04	*
2505	Hollock wood in planks	10 cud	384.88	390.00	1.175	331.91	1.0936	362.98	*
2506	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave, Size 10 mm x 60 mm	10 cudm	260.05	260.00	1.175	221.28	1.0936	241.99	*
2507	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave, Size 10 mm x 80 mm	10 nos	304.78	300.00	1.175	255.32	1.0936	279.22	*
2508	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave, Size 10 mm x 120mm	10nos	378.64	365.00	1.175	310.64	1.0936	339.71	*
2509	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave, Size 10 mm x 140 mm	10 nos	468.09	460.00	1.175	391.49	1.0936	428.13	*
2510	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave, Size 10 mm x 160 mm	10 Nos	592.92	575.00	1.175	489.36	1.0936	535.17	*
3602	Designation 100 A Brick	thousand	5603.85			4981.00		4981.00	**
3602A	Urban Patna	thousand	7019.25			6247.00		6247.00	**
3602B	Darbhanga	thousand	5923.05			5267.00		5267.00	**
3602C	Bhagalpur	thousand	5923.05			5267.00		5267.00	**
3602D	Munger	thousand	5923.05			5267.00		5267.00	**
3602E	Muzaffarpur	thousand	5923.05			5267.00		5267.00	**
3602F	Gaya	thousand	5603.85			4981.00		4981.00	**
3602G	Patna Rural	thousand	5844.30			5196.00		5196.00	**

Code No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due Increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109)	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
2602H	Saran	thousand	5603.85			4981.00		4981.00	**
2602I	Saharsa	thousand	6083.70			5411.00		5411.00	**
2602J	Purnea	thousand	6406.05			5699.00		5699.00	**
2603	Designation 100 B Brick	thousand	5119.80			4549.00		4549.00	**
2603A	Urban Patna	thousand	6514.20			5796.00		5796.00	**
2603B	Darbhanga	thousand	5440.05			4835.00		4835.00	**
2603C	Bhagalpur	thousand	5440.05			4835.00		4835.00	**
2603D	Munger	thousand	5440.05			4835.00		4835.00	**
2603E	Muzaffarpur	thousand	5440.05			4835.00		4835.00	**
2603F	Gaya	thousand	5119.80			4549.00		4549.00	**
2603G	Patna Rural	thousand	5340.30			4746.00		4746.00	**
2603H	Saran	thousand	5119.80			4549.00		4549.00	**
2603I	Saharsa	thousand	5603.85			4981.00		4981.00	**
2603J	Purnea	thousand	5923.05			5267.00		5267.00	**
2605	Structural sealant - 6 mm x 12 mm	metre	32.87	30.00	1.175	25.53	1.0936	27.92	*
2606	Spacer tape 6.4 mm thick x 6 mm wide	metre	18.72	20.00	1.175	17.02	1.0936	18.61	*
2607	Weather Sealant - Non Staining (600 ml)	each	477.61	420.00	1.175	357.45	1.0936	390.90	*
2608	Weather Sealant - Normal (300 ml)	each	148.95	125.00	1.175	106.38	1.0936	116.34	*
2609	MS Brackets/Aluminium Alloy Brackets	kg	104.02	100.00	1.175	85.11	1.0936	93.07	*
2610	Silicon Gasket in Kg (Above 50 g / m)	kg	625.42	570.00	1.175	485.11	1.0936	530.51	*
2611	EPDM Gasket in Kg (Above 60 g / m)	kg	166.42	150.00	1.175	127.66	1.0936	139.61	*
2612	Anchor Fastner - M10	each	115.41	10.00	1.175	8.51	1.0936	9.31	*
2613	SS Bolt with washer of sizes for structural glazing / ACP Cladding	each	36.41	35.00	1.175	29.79	1.0936	32.58	*
2614	SS Screws of sizes for structural glazing / ACP Cladding	each	5.20	4.00	1.175	3.40	1.0936	3.72	*
2615	Protective Tape	metre	26.01	20.00	1.175	17.02	1.0936	18.61	*
2616	GI flashing - 1.2 mm Thick	kg	68.65	58.00	1.175	49.36	1.0936	53.98	*
2617	6 mm thick High performance glass	sqm	1986.80	1850.00	1.175	1574.47	1.0936	1721.84	*
2618	6 mm thick clear heat strengthened glass	sqm	800.96	640.00	1.175	544.68	1.0936	595.66	*
2619	6 mm thick clear heat strengthened glass	each	150.83	128.00	1.175	108.94	1.0936	119.13	*
2620	ARMS GS HD -TOP HUNG -20°-TYPE P-COUPLE	pair	1633.96	1550.00	1.175	1319.15	1.0936	1442.62	*
2621	Connection Block for vision glass panel	each	40.93	39.00	1.175	33.19	1.0936	36.30	*
2622	Curtain wall striker for vision glass panel	each	106.83	100.00	1.175	85.11	1.0936	93.07	*
2623	Adjustable Fastening Pawl for vision glass panel	each	39.79	38.00	1.175	32.34	1.0936	35.37	*
2624	Corner drive	each	306.80	295.00	1.175	251.06	1.0936	274.56	*
2625	Top wedge Block	each	142.04	135.00	1.175	114.89	1.0936	125.65	*
2626	Glass wool Denisity 48 Kg / m3 with Black Glass Tissue (BGT)	sqm	239.25	230.00	1.175	195.74	1.0936	214.07	*
2627	SS Screws - # 8 x 19	each	10.40	10.00	1.175	8.51	1.0936	9.31	*
2628	Weather Sealant - DC 789	cartridge	140.43	130.00	1.175	110.64	1.0936	120.99	*
2629	Cement Board	sqm	260.05	250.00	1.175	212.77	1.0936	232.68	*
2630	Baker rod	metre	5.20	5.00	1.175	4.26	1.0936	4.65	*
2631	4 mm thick ACP	sqm	1248.25	1000.00	1.175	851.06	1.0936	930.72	*
2632	Fire Stop	metre	584.55	550.00	1.175	468.09	1.0936	511.90	*
2634	GI/Aluminium Sheet (0.8 mm thick)	kg	59.29	45.00	1.175	38.30	1.0936	41.88	*
2635	GI Screws of gauge 10, length 25 mm for fixing cement fibre board to C section	each		2.75	1.175	2.34	1.0936	2.56	*
2636	GI Screws of gauge 10, length 45 mm for fixing cement fibre board to C section	each		3.00	1.175	2.55	1.0936	2.79	*
2637	Vapour barrier	sqm		170.00	1.175	144.68	1.0936	158.22	*
2640	Clear toughned interlayed,non-wired fire resistant glass panes of minimum 11 mm thickness (120 minutes fire rating)	sqm		25000.00	1.175	21276.60	1.0936	23268.09	*
2641	G.I U beading of 1.6 mm thick G.I.sheet with ceramic tape.	metre		240.00	1.175	204.26	1.0936	223.37	*

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Reduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
2642	Ceramic tape 5 x20 mm size	metre		400.00	1.175	340.43	1.0936	372.29	*
2704	Aluminium strip 40 mm wide and 2 mm thick	kilogran	228.85	225.00	1.175	191.49	1.0936	209.41	*
2708	Truf Paver (500 x 500 x 40 mm)	sqm	1133.83	500.00	1.175	425.53	1.0936	465.36	*
2709	Ceremic Tiles Pieces for Crazy Flooring	quintal	140.43	135.00	1.175	114.89	1.0936	125.65	*
2710	White Marble Makrana second quality plain veined stone pieces for crazy flooring	quintal	145.63	147.00	1.175	125.11	1.0936	136.82	*
2711	FS800H Grade Flooring Panel (Size 600 mm x600 mm x32 mm)	each	780.15	750.00	1.175	638.30	1.0936	698.04	*
2711'	Sheets Polyvinyl chloride sheet 1.5 mm thick	sqm	492.61		1.175	419.24	1.0936	458.48	****
2712'	Sheets Polyvinyl chloride sheet 2.0 mm thick	sqm	683.12		1.175	581.38	1.0936	635.80	****
2712	Zinc Electroplated Pedestals - 300 mm	each	145.63	140.00	1.175	119.15	1.0936	130.30	*
2713	Zinc Electroplated Pedestals - 450 mm	each	156.03	200.00	1.175	170.21	1.0936	186.14	*
2714	Zinc Electroplated Tube Stinger	each	72.81	66.00	1.175	56.17	1.0936	61.43	*
2715	Machine Screw for Fixing	each	2.08	2.00	1.175	1.70	1.0936	1.86	*
2717	Polyvinyl chloride tiles 1 5mm thick	sqm	561.89		1.175	478.20	1.0936	522.96	****
2718	Polyvinyl chloride tiles 2.0mm thick	sqm	673.49		1.175	573.18	1.0936	626.83	****
2723	Adhesive (rubber base)	ilogran	182.80		1.175	155.57	1.0936	170.14	****
2736	Sheets Rubber tiles plain conforming to IS 809 1.5 mm thick	sqm	813.96		1.175	692.73	1.0936	757.57	****
2737	Sheets Rubber tiles plain conforming to IS 809 2.0 mm .thick	sqm	940.96		1.175	800.82	1.0936	875.77	****
2738	Sheets Rubber tiles LP stud conforming to IS 809 2.0 mm thick	sqm	813.96		1.175	692.73	1.0936	757.57	****
2739	Sheets Rubber tiles LP stud conforming to IS 809 3.0 mm thick	sqm	1393.16		1.175	1185.67	1.0936	1296.65	****
2740	Sheets Rubber tiles LP stud conforming to IS 809 4.0 mm thick	sqm	1847.28		1.175	1572.15	1.0936	1719.31	****
2741	Sheets Anti static rubber tiles plain/LP stud conforming to BS : 2050 2.00 mm thick	sqm	1508.62		1.175	1283.93	1.0936	1404.11	****
2742	Sheets. Rubber tiles plain/LP stud in skirting conforming to IS : 809 2 Omm thick	sqm	592.67		1.175	504.40	1.0936	551.61	****
2750	8mm thick granite stone tiles (mirror polished of all shades)	sqm	728.15	700.00	1.175	595.74	1.0936	651.51	*
2751	8mm thick marble tiles (polished) Raj Nagar	sqm	374.48	378.00	1.175	321.70	1.0936	351.81	*
2901	Stone Aggregate (Single size) : 100 mm nominal size	cum	424.23		-	299.84		299.84	**
2902	Stone Aggregate (Single size) : 80 mm nominal size	cum	424.23			299.84		299.84	**
2903	Stone chippings/ screenings 4.75 mm nominal size	cum	213.24			140.08		140.08	**
2904	Stone chippings/ screenings 150 micron nominal size	cum	201.63			140.08		140.08	**
2908	Over burnt (Jhama) Brick Aggregate: 120 mm to 40 mm size	cum	1378.65			1222.00		1222.00	**
2909	Over burnt (Jhama) Brick Aggregate: 90 mm to 40 mm size	cum	1378.65			1222.00		1222.00	**
2910	Stone chippings/ screenings 12.5/ 13.2 mm nominal size	cum	689.78			549.26		549.26	**
2911	Stone chips/streining 10/11.2 mm nominal size	cum	659.07			520.42		520.42	**
2914	Solvent	kilogram	26.01	25.00	1.175	21.28	1.0936	23.27	*
2916	Paving Asphalt VG -10 of approved quality	tonne	41608.33	29600.00	1.175	25181.49	1.0936	27549.41	*
3002	Sheets Polyvinyl chloride sheet 400 micron thick	sqm	36.41	40.00	1.175	34.04	1.0936	37.23	*
3004	Stoneware spouts 100mm dia 60 cm long	each	36.41	40.00	1.175	34.04	1.0936	37.23	*
4050	GC Sheet								
4050A	Galvanised steel corrugated sheets 0.63 mm thick	quintal	4200.00			5,576.27		5,576.27	**
4050B	Galvanised steel corrugated sheets 0.50 mm thick	quintal	4379.97			5,728.81		5,728.81	**
4050C	Galvanised steel corrugated sheets 0.40 mm thick	quintal	3287.40			7,335.76		7,335.76	**
4050D	Galvanised steel corrugated sheets 0.35 mm thick	quintal	3447.20			7,548.23		7,548.23	**
4050E	Galvanised steel corrugated sheets 0.80 mm thick	quintal	4200.00			5,576.27		5,576.27	**
4080	Gunmetal non-return valve-vertical (screwed end) 25 mm dia	each	374.48	350.00	1.175	297.87	1.0936	325.75	*
4084	Gunmetal non-return valve-vertical (screwed end) 32 mm dia	each	540.91	500.00	1.175	425.53	1.0936	465.36	*
4088	Gunmetal non-return valve-vertical (screwed end) 40 mm dia	each	780.15	700.00	1.175	595.74	1.0936	651.51	*
4092	Gunmetal non-return valve-vertical (screwed end) 50 mm dia	each	1050.61	900.00	1.175	765.96	1.0936	837.65	*
4096	Gunmetal non-return valve-vertical (screwed end) 65 mm dia	each	1778.75	1500.00	1.175	1276.60	1.0936	1396.09	*

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1	2	3	4	5.00	6	7	8	9	10
3213	Vitreous china Surgeon type wash basin of size 660x460 mm	each	114.22	1000.00	1.175	851.06	1.0936	930.72	*
3214	Aluminium sheet 24 gauge	sqm	338.75		1.175	286.60	1.0936	313.42	****
3228	600x120 mm glass shelf with anodised aluminium angle frame, C.P. brass brackets and guard rail of standard size	each	260.05	250.00	1.175	212.77	1.0936	232.68	*
3229	Vitreous china flat back wash basin 550x400 mm	each	572.12	550.00	1.175	468.09	1.0936	511.90	*
3300	Gunmetal non-return valve-vertical (screwed end) 80 mm dia	each	3006.21	2500.00	1.175	2127.66	1.0936	2326.81	*
3311	C.I.sluice valve (with caps) class II : 100 mm dia	each	3027.00	2700.00	1.175	2297.87	1.0936	2512.95	*
3314	C.I.sluice valve (with caps) class II : 125 mm dia	each	3640.73	3200.00	1.175	2723.40	1.0936	2978.31	*
3317	C.I sluice valve (with caps) class II : 150 mm dia	each	4472.89	4000.00	1.175	3404.26	1.0936	3722.89	*
3320	C.I sluice valve (with caps) class II : 200 mm dia	each	9580.32	8900.00	1.175	7574.47	1.0936	8283.44	*
3321	C.I sluice valve (with caps) class II : 250 mm dia	each	15395.08	14500.00	1.175	12340.43	1.0936	13495.49	*
3326	C.I.sluice valve (with caps) class II : 300 mm dia	each	19243.85	18200.00	1.175	15489.36	1.0936	16939.17	*
3327	15 mm Battery Based Sensor Pillar Cock	each	5056.09	5800.00	1.175	4936.17	1.0936	5398.20	*
3617	CP Brass Union 40 mm dia	each	202.84	195.00	1.175	165.96	1.0936	181.49	*
3620	C.C.I (spun) socketed soil, waste and vent pipe 1.80 metres long :100 mm dia	each	1309.26	1196.00	1.175	1017.87	1.0936	1113.15	*
3621	C.C.I. (spun) socketed soil, waste and vent pipe 1.80 metres long :75 mm dia	each	1076.62	1035.00	1.175	880.85	1.0936	963.30	*
3624	S.C.I. S&S bends with access door 100 mm dia	each	301.66	290.00	1.175	246.81	1.0936	269.91	*
3625	S.C.I. S&S bends with access door 75 mm dia	each	249.65	240.00	1.175	204.26	1.0936	223.37	*
3628	S.C.I. S&S bend 100 mm dia	each	275.65	265.00	1.175	225.53	1.0936	246.64	*
3629	S.C.I. S&S bend 75 mm dia	each	202.84	195.00	1.175	165.96	1.0936	181.49	*
3634	S.C.I. S&S heel rest sanitary bend 100 mm dia	each	307.90	296.00	1.175	251.91	1.0936	275.49	*
3635	S.C.I. S&S heel rest sanitary bend 75 mm dia	each	260.05	250.00	1.175	212.77	1.0936	232.68	*
3640	S.C.I. S&S single equal junctions100x100x100 mm	each	490.98	472.00	1.175	401.70	1.0936	439.30	*
3641	S.C.I. S&S single equal junctions 75x75x75 mm	each	343.27	330.00	1.175	280.85	1.0936	307.14	*
3644	S.C.I. S&S single equal junctions with access door 100x100x100 mm	each	514.91	495.00	1.175	421.28	1.0936	460.71	*
3645	S.C.I. S&S single equal junctions with access door 75x75x75 mm	each	388.00	373.00	1.175	317.45	1.0936	347.16	*
3650	S.C.I. S&S double equal junctions 100x100x100x100 mm	each	644.93	620.00	1.175	527.66	1.0936	577.05	*
3651	S.C.I. S&S double equal junctions 75x75x75x75 mm	each	480.58	462.00	1.175	393.19	1.0936	429.99	*
3654	S.C.I. S&S double equal junctions with access door 100x100x100x100 mm	each	639.72	615.00	1.175	523.40	1.0936	572.39	*
3655	S.C.I. S&S double equal junctions with access door 75x75x75x75 mm	each	499.30	480.00	1.175	408.51	1.0936	446.75	*
3660	S.C.I. S&S single unequal junctions 100x100x75 mm	each	592.92	570.00	1.175	485.11	1.0936	530.51	*
3664	S.C.I. S&S single unequal junctions with access door 100x100x75 mm	each	665.73	640.00	1.175	544.68	1.0936	595.66	*
3670	S.C.I. S&S double unequal junctions 100x100x75x75 mm	each	832.17	800.00	1.175	680.85	1.0936	744.58	*
3674	S.C.I. S&S double unequal junctions with access door 100x100x75x75 mm	each	884.17	850.00	1.175	723.40	1.0936	791.11	*
3681	S.C.I. S&S single equal invert branch of required degree 100x100x75x75 mm dia	each	442.09	425.00	1.175	361.70	1.0936	395.56	*
3682	S.C.I. S&S single equal invert branch of required degree 75x75x75 mm dia	each	335.99	323.00	1.175	274.89	1.0936	300.62	*
3685	S.C.I. S&S double equal invert branch of required degree 100x100x100x100 mm dia	each	551.31	530.00	1.175	451.06	1.0936	493.28	*
3686	S.C.I. S&S double equal invert branch of required degree 75x75x75x75 mm dia	each	442.09	425.00	1.175	361.70	1.0936	395.56	*
3690	S.C.I. S&S single unequal invert branch of required degree 100x100x75 mm dia	each	566.91	545.00	1.175	463.83	1.0936	507.24	*
3695	S.C.I. S&S double unequal invert branch of required degree 100x100x75x75 mm dia	each	754.15	725.00	1.175	617.02	1.0936	674.77	*
3699	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	234.04	225.00	1.175	191.49	1.0936	209.41	*
3707	S.C.I. S&S, 150 mm offset for 75 mm dia pipe	each	296.46	285.00	1.175	242.55	1.0936	265.26	*
3708	S.C.I. S&S, 150 mm offset for100 mm dia pipe	each	405.68	390.00	1.175	331.91	1.0936	362.98	*
3712	S.C.I. S&S, 114 mm offset for 75 mm dia pipe	each	312.07	300.00	1.175	255.32	1.0936	279.22	*

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
3713	S.C.I. S&S, 114 mm offset for 100 mm dia pipe	each	393.40	385.00	1.175	325.96	1.0936	356.47	*
3716	S.C.I. S&S,152 mm offset for 75 mm dia pipe	each	372.40	358.00	1.175	304.68	1.0936	333.20	*
3717	S.C.I. S&S, 152 mm offset for 100 mm dia pipe	each	483.70	455.00	1.175	387.23	1.0936	423.48	*
3728	S.C.I. S&S, door pieces 100 mm dia	each	416.08	400.00	1.175	340.43	1.0936	372.29	*
3729	S.C.I. S&S, door pieces 75 mm dia	each	306.86	295.00	1.175	251.06	1.0936	274.56	*
3733	S.C.I. S&S, Slotted Cowl (Terminal Guard) 100 mm	each	364.07	264.00	1.175	224.68	1.0936	245.71	*
3734	S.C.I. S&S, Slotted Cowl (Terminal Guard) 75 mm	each	312.07	210.00	1.175	178.72	1.0936	195.45	*
3738	S.C.I. S&S, Slotted collars 100 mm	each	260.05	279.00	1.175	237.45	1.0936	259.67	*
3739	S.C.I. S&S, Slotted collars 75mm	each	176.83	170.00	1.175	144.68	1.0936	158.22	*
3746	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	226.77	218.00	1.175	185.53	1.0936	202.90	*
3747	S.C.I. S&S, 75 mm offset for100 mm dia pipe	each	377.60	363.00	1.175	308.94	1.0936	337.85	*
3749	Vitreous china toilet paper holder of standard size	each	156.03	100.00	1.175	85.11	1.0936	93.07	*
3860	560 mm dia cover with frame (Heavy duty)	each	9361.88	9000.00	1.175	7659.57	1.0936	8376.51	*
3861	561 mm dia cover without frame (Heavy duty)	each	5201.04	5000.00	1.175	4255.32	1.0936	4653.62	*
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series casement window/door frame, sash, mullion & small series sliding window frame	metre		65.00	1.175	55.32	1.0936	60.50	*
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window/door frame, sash, mullion, big & small series	metre		70.00	1.175	59.57	1.0936	65.15	*
3993	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement door sash	metre		95.00	1.175	80.85	1.0936	88.42	*
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window / door sash	metre		85.00	1.175	72.34	1.0936	79.11	*
3995	G.I fasteners 100 x 8 mm	each		15.00	1.175	12.77	1.0936	13.96	*
4001	Stainless steel (Grade-304)hollow section round/square tubes	kg	364.07	230.00	1.175	195.74	1.0936	214.07	*
4002	Stainless steel bolts/square bar and plates	kg	135.22	120.00	1.175	102.13	1.0936	111.69	*
4006	Pressed steel door frames (mild steel sheet 1.25mm) profile 'B'	metre	228.85	200.00	1.175	170.21	1.0936	186.14	*
4007	Pressed steel door frames (mild steel sheet 1.25mm) profile 'C	metre	249.65	220.00	1.175	187.23	1.0936	204.76	*
4008	Pressed steel door frames (mild steel sheet 1.25mm) profile 'E'	metre	280.85	250.00	1.175	212.77	1.0936	232.68	*
4009	Mild steel tubes, hot finished welded type	kilogram	54.09	42.00	1.175	35.74	1.0936	39.09	*
4010	Mild steel tubes, hot finished seamless type	kilogram	57.52	45.00	1.175	38.30	1.0936	41.88	*
4011	Mild steel tubes, electric resistant or induction butt welded	kilogram	72.81	60.00	1.175	51.06	1.0936	55.84	*
4012	Circular C.I. Box for ceiling fan internal dia 140 mm, 73 mm height,toplid of 1.5mm thick MS sheet	each	62.41	55.00	1.175	46.81	1.0936	51.19	*
4013	Pulleys 40 mm dia	each	31.20	30.00	1.175	25.53	1.0936	27.92	*
4014	Steel doors and windows Ready made steel door with necessary hinges, lugs and glazing clips excluding other fittings and their fixing	sqm	2081.15		1.175	1771.19	1.0936	1936.98	****
4201	Aluminium primer	litre	104.02	88.00	1.175	74.89	1.0936	81.90	*
4202	Primers Red Oxide Zinc Chromate primer	litre	72.81	65.00	1.175	55.32	1.0936	60.50	*
4203	Copper Acetate	kilogram	312.07	300.00	1.175	255.32	1.0936	279.22	*
4204	Hydrochloric Acid	kilogram	36.41	35.00	1.175	29.79	1.0936	32.58	*
4205	Copper Chloride	kilogram	312.07	280.00	1.175	238.30	1.0936	260.60	*
4206	Copper Nitrate	kilogram	228.85	220.00	1.175	187.23	1.0936	204.76	*
4207	Ammonium Chloride	kilogram	20.80	20.00	1.175	17.02	1.0936	18.61	*
5001	Oil / Fuel Mobil oil	litre	208.04	245.00	1.175	208.51	1.0936	228.03	*
5050	SS pipe 304 grades with press fit technology as per JIS 3448 Standard 48.60 mm outer dia	metre		680.00	1.175	578.72	1.0936	632.89	*
5743	Colloured inter locking C.C. paver Block	sqm		500.00	1.175	425.53	1.0936	465.36	*
6001	White marble slab Makrana second quality plain veined 18mm thick	sqm	1945.19	1500.00	1.175	1276.60	1.0936	1396.09	*
6007	Pink marble slab plain 18mm thick	sqm	670.94	677.00	1.175	576.17	1.0936	630.10	*
6010	Udaypur green marble slab plain 18 mm thick	sqm	717.75	650.00	1.175	553.19	1.0936	604.97	*
6019	Black zebra marble slab plain 18 mm thick	sqm	520.19	500.00	1.175	425.53	1.0936	465.36	*

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
6501	Local Sand (Fine)	cum	124.54			67.66		67.66	**
7001	Brass 100 mm mortice latch & lock with 6 levers with out pair of handles	each	270.46	220.00	1.175	187.23	1.0936	204.76	*
7003	Pair of Anodised Aluminium lever handles for 100 mm mortice latch and lock	each	327.67	225.00	1.175	191.49	1.0936	209.41	*
7004	Vitreous china flat back wash basin 450x300 mm	each	442.09	325.00	1.175	276.60	1.0936	302.49	*
7005	Vitreous china 10 litres low level cistern without fittings	each	962.19	750.00	1.175	638.30	1.0936	698.04	*
7006	Vitreous china 10 litres low level cistern with fittings	each	1664.34	1300.00	1.175	1106.38	1.0936	1209.94	*
7007	Fly Ash Bricks as per IS 12894(2002) & IS 3425(I to IV)	per 1000	5975.55			5156.00		5156.00	**
7008	F.P.S (non modular) clay fly ash bricks class designation 7.5	1,000nos	4784.96	4000.00	1.175	3404.26	1.0936	3722.89	*
7009	12.5 mm thick tapered edge gypsum plain borad	sqm	208.04	160.00	1.175	136.17	1.0936	148.92	*
7010	Galvanised Steel ceiling section (size 80x26x0.50 mm)	metre	40.57	48.00	1.175	40.85	1.0936	44.67	*
7011	Galvanised Steel perimetre Channel (Size 20x27x30x0.50 mm)	metre	28.08	23.00	1.175	19.57	1.0936	21.41	*
7012	Galvanised Steel Intermediate Channel (Size 15x45x15x0.90 mm)	metre	43.69	40.00	1.175	34.04	1.0936	37.23	*
7013	Galvanised Steel angle hanger (Ceiling angle) (Size 25x10x0.50 mm)	metre	19.77	13.00	1.175	11.06	1.0936	12.10	*
7014	Galvanised Steel connecting clips (2.64 mm dia and 230 mm long GI wire)	each	6.45	4.00	1.175	3.40	1.0936	3.72	*
7015	Galvanised Steel soffit cleat (Size 27x37x25x0.60 mm)	each	4.16	3.00	1.175	2.55	1.0936	2.79	*
7016	Joint filler	kilogram	22.89	27.00	1.175	22.98	1.0936	25.13	*
7017	Joint finisher	kilogram	24.96	24.00	1.175	20.43	1.0936	22.34	*
7018	Joint tape roll	roll	150.83	105.00	1.175	89.36	1.0936	97.73	*
7019	Dash fastner	each	15.60	15.00	1.175	12.77	1.0936	13.96	*
7020	All drive screws(for gypsum board)	100 Nos.	62.41	60.00	1.175	51.06	1.0936	55.84	*
7021	Primer (for gypsum board)	litre	88.42	73.00	1.175	62.13	1.0936	67.94	*
7022	Chloropyriphos 20 % E.C. Lindane 20% E.C.	litre	166.44	160.00	1.175	136.17	1.0936	148.92	*
7023	Chromium plated brackets (Curtain rod)	each	7.28	7.00	1.175	5.96	1.0936	6.52	*
7024	Acid proof cement	tonne	8477.69	6150.00	1.175	5236.17	1.0936	7585.40	*
7025	Self tapping pan head nickel coated mild steel screws of size 13 x 3.2 mm	1000 nos.		550.00	1.175	468.09	1.0936	511.90	*
7026	Fibre joint tape 50 mm wide (90 metre) roll	each roll		170.00	1.175	144.68	1.0936	158.22	*
7027	M.S. Butt hinges 125x90x4 mm	ten	114.42	110.00	1.175	93.62	1.0936	102.38	*
7028	12.5 mm thick Fully Perforated gypsum board	sqm	964.27	430.00	1.175	365.96	1.0936	400.21	*
7029	Galvanised wire mesh of average width of aperture 1.4 mm and rormin31 dia. of wire 0.63 mm	sqm	260.05	260.00	1.175	221.28	1.0936	241.99	*
7030	12.5 mm thick tapered edge gypsum fire resistant board	sqm	246.53	255.00	1.175	217.02	1.0936	237.33	*
7031	12.5 mm thick tapered edge gypsum moisture rasistant board	sqm	281.89	285.00	1.175	242.55	1.0936	265.26	*
7032	Frosted glass sheet of nominal thickness 4mm (weighing not less than 10 kg/sqm)	sqm	348.47	350.00	1.175	297.87	1.0936	325.75	*
7033	Nickle plated M.S. pipe 25 mm dia.	metre	83.22	80.00	1.175	68.09	1.0936	74.46	*
7034	Nickle plated M.S. pipe 20 mm dia.	metre	72.81	75.00	1.175	63.83	1.0936	69.80	*
7035	Nickle plated M.S. Brackets for curtain rod 20 mm	each	7.28	7.00	1.175	5.96	1.0936	6.52	*
7036	Nickle plated M.S. Brackets for curtain rod 25 mm	each	8.32	8.00	1.175	6.81	1.0936	7.45	*
7040	Oxidised mild steel screws 35 mm	100 Nos.	52.01	50.00	1.175	42.55	1.0936	46.54	*
7042	Mild steel conduit pipe (heavy type) ISI marked-20 mm dia.	metre	52.41	44.00	1.175	37.45	1.0936	40.95	*
7043	Mild steel conduit pipe (heavy type) ISI marked-25 mm dia.	metre	72.81	56.00	1.175	47.66	1.0936	52.12	*
7044	Rolling shutters of 80x0.90mm laths	sqm	1123.43	1000.00	1.175	851.06	1.0936	930.72	*
7045	Rolling shutters of 80x1.2mm laths	sqm	1196.24	1100.00	1.175	936.17	1.0936	1023.80	*
7046	Top cover of Rolling shutters 0.90mm thick	metre	332.87	300.00	1.175	255.32	1.0936	279.22	*
7047	Top cover of Rolling shutters 1.20mm thick	metre	364.07	320.00	1.175	272.34	1.0936	297.83	*
7048	Rawl plug 50 mm (designation 10 no.)	each	10.40	10.00	1.175	8.51	1.0936	9.31	*
7049	Teak wood lipping of size 25x3mm in pelmets	metre	22.89	15.00	1.175	12.77	1.0936	13.96	*
7050	PU Primer	sqm	42.65	40.00	1.175	34.04	1.0936	37.23	*

S.O.R-BCD(0.3) 9th Edition

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2015	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
7051	40 mm (average) PU spray having 40-45 kg/m3 density	sqm	437.93	421.00	1.175	358.30	1.0936	391.83	"
7052	GI wire netting 3/4" x 24 G	sqm	28.08	27.00	1.175	22.98	1.0936	25.13	"
7053	400 G polythene sheet	sqm	15.60	15.00	1.175	12.77	1.0936	13.96	"
7055	Flat pressed 3 layer and graded particle board (medium density) Grade 1 conforming to IS : 3087 - 18 mm thick	sqm	436.88	440.00	1.175	374.47	1.0936	409.52	"
7056	Aluminium Tee channel (heavy duty) with rollers and stop end	metre	52.01	52.00	1.175	44.26	1.0936	48.40	"
7059	Aluminium hanging floor door stopper with twin rubber & stopper	each	67.62	27.00	1.175	22.98	1.0936	25.13	"
7060	Hydraulic door closer tubular type Aluminium extruded section body - Gazel	each	873.78	281.00	1.175	239.15	1.0936	261.53	"
7063	Oxidised M.S. casement stay (straight peg type) 300 mm not less than 0.33 kg.	each	22.89	20.00	1.175	17.02	1.0936	18.61	"
7064	Oxidised M.S. casement stay (straight peg type) 250 mm not less than 0.28 kg.	each	20.80	17.00	1.175	14.47	1.0936	15.82	"
7065	Oxidised M.S. casement stay (straight peg type) 200 mm not less than 0.24 kg.	each	18.72	14.00	1.175	11.91	1.0936	13.03	"
	Extra for providing grilled rolling shutters with 8mm dia. M.S.	sqm	280.85	270.00	1.175	229.79	1.0936	251.30	"
7068	Chequerred precast cement concrete tiles 22mm thick using marble chips of size 6mm Light shade using white cement	sqm	488.90	360.00	1.175	306.38	1.0936	335.06	"
7071	White marble Raj Nagar plain 18 mm thick upto 0.50 sqm area	sqm	524.12	600.00	1.175	510.64	1.0936	558.43	"
7072	Wall mounted water closet	each	4836.97	4650.00	1.175	3957.45	1.0936	4327.86	"
7073	Adjustable Vetrious China Cistern with fittings	each	2600.52	2000.00	1.175	1702.13	1.0936	1861.45	"
7074	White Vetrious China Waterless Urinal of size 600x330x315	each	15603.12	10105.00	1.175	8600.00	1.0936	9404.96	"
7075	Cistern with fittings for Waterless Urinal	each	3536.70	2400.00	1.175	2042.55	1.0936	2233.74	"
7076	Battery based infrared sensor operated White vitreous urinalof appox size 610x390x370	each	14562.92	4000.00	1.175	3404.26	1.0936	3722.89	"
7077	Acid and alkali resistant tiles size 300x300mm 10mm thick	ten	592.92	450.00	1.175	382.98	1.0936	418.83	"
7087	S.C.I. Tee 150 mm	each	624.12	600.00	1.175	510.64	1.0936	558.43	"
7090	Expanded polystyrene type N - Normal	sqm	135.22	130.00	1.175	110.64	1.0936	120.99	"
7091	Expanded polystyrene type SE	sqm	161.23	155.00	1.175	131.91	1.0936	144.26	"
7095	Stainless steel kitchen sink - with drain board bowl depth 250 mm	each	5393.48	2600.00	1.175	2212.77	1.0936	2419.88	"
7096	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 225 mm.	each	5149.03	2350.00	1.175	2000.00	1.0936	2187.20	"
7097	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 200 mm.	each	4420.89	2300.00	1.175	1957.45	1.0936	2140.66	"
7098	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth178 mm.	each	3120.63	2250.00	1.175	1914.89	1.0936	2094.13	"
7101	Stainless steel kitchen sink - without drain board 510x510 mm bowl depth 200 mm	each	3276.65	1500.00	1.175	1276.60	1.0936	1396.09	"
7102	Stainless steel kitchen sink - without drain board 610x460 mm bowl depth 200 mm	each	2959.39	1250.00	1.175	1063.83	1.0936	1163.40	"
7103	Stainless steel kitchen sink - without drain board 470x420 mm bowl depth 178 mm	each	2205.24	1100.00	1.175	936.17	1.0936	1023.80	"
7104	Coloured Orissa pattern W.C. pan 580x440 mm	each	1373.07	980.00	1.175	834.04	1.0936	912.11	"
7105	Coloured Pedestal type W.C. pan 580x440 mm (European type)	each	1196.24	900.00	1.175	765.96	1.0936	837.65	"
7108	Coloured Vitreous china 10 lit. low level cistern	each	1789.16	1100.00	1.175	936.17	1.0936	1023.80	"
7107	Coloured (other than black) solid P.V.C. seat in European W.C. pan	each	572.12	405.00	1.175	344.68	1.0936	376.94	"
7112	Circular shape 450 mm dia Mirror with Plastic moulded frame	each	468.09	450.00	1.175	382.98	1.0936	418.83	"
7113	Rectangular shape 453x357 mm Mirror with Plastic moulded frame	each	312.07	300.00	1.175	255.32	1.0936	279.22	"
7114	Oval shape 450x350 mm (outer dimensions) Mirror with Plasticmoulded frame	each	364.07	350.00	1.175	297.87	1.0936	325.75	"
115	Rectangular shape 1500x450 mm Mirror with Plastic moulded frame	each	728.15	700.00	1.175	595.74	1.0936	651.51	"
116	Hard board 6 mm thick	each	182.04	120.00	1.175	102.13	1.0936	111.69	"

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1	2	3	4	5.00	6	7	8	9	10
7117	Semi Rigid PVC waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm I/c PVC waste fittings	each	31.20	30.00	1.175	25.53	1.0936	27.92	*
7118	Semi Rigid PVC waste pipe for sink and wash basin40 mm dia with length not less than 700 mm I/c PVC waste fittings	each	36.41	35.00	1.175	29.79	1.0936	32.58	*
7119	Flexible (coil shaped) PVC waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm i/c PVC waste fittings	each	29.13	28.00	1.175	23.83	1.0936	26.06	*
7120	Flexible (coil shaped) PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings	each	31.20	30.00	1.175	25.53	1.0936	27.92	*
7121	Bottle Trap	each		650.00	1.175	553.19	1.0936	604.97	*
7122	CP Brass Single lever telephonic wall mixer of approved make	each		4000.00	1.175	3404.26	1.0936	3722.89	*
7123	Coloured High density polyethylene/ poly propylene 10 lit. (full flush) capacity controlled low level flushing cistern with fittings	each	712.54	540.00	1.175	459.57	1.0936	502.59	*
7126	White Vitreous china 10 lit. (full flush) capacity controlled low levelflushing cistern with all fittings	each	1014.20	800.00	1.175	680.85	1.0936	744.58	*
7127	Coloured Vitreous china 10 lit. (full flush) capacity controlled low level flushing cistern with all fittings	each	1560.31	1200.00	1.175	1021.28	1.0936	1116.87	*
7128	S.W. intercepting trap 100 mm dia	each	197.64	190.00	1.175	161.70	1.0936	176.84	*
7129	S.W. intercepting trap 150 mm dia	each	260.05	250.00	1.175	212.77	1.0936	232.68	*
7130	Rectangular shape 600x 450 mm precast R.C.C. manhole cover with frame - L.D. - 25	each	780.15	700.00	1.175	595.74	1.0936	651.51	*
7131	Square shape 450x450 mm precast R.C.C. manhole cover with frame - L.D. - 25	each	676.14	600.00	1.175	510.64	1.0936	558.43	*
7132	Circular shape 450 mm dia precast R.C.C. manhole cover with frame - L.D. - 25	each	624.12	600.00	1.175	510.64	1.0936	558.43	*
7133	Rectangular shape 500x500 mm precast R.C.C. manhole cover with frame - M.D. - 10	each	728.15	700.00	1.175	595.74	1.0936	651.51	*
7134	Circular shape 500 mm dia precast R.C.C. manhole cover with frame - M.D. - 10	each	686.54	600.00	1.175	510.64	1.0936	558.43	*
7135	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 20	each	1144.22	920.00	1.175	782.98	1.0936	856.27	*
7136	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 35	each	1274.25	1225.00	1.175	1042.55	1.0936	1140.14	*
7137	Factory made 35 mm thick shutters with laminated veneer lumber styles rails as per TADS I S : 1995 and panels of 12 mm thick plain Type I, medium density flat pressed three l?ver, graded particle board (FPT-I) as per I S:3087-1985 bonded with BWP type synthetic resin adhesive, as per IS : 848-1974	sqm	1924.39	1700.00	1.175	1446.81	1.0936	1582.23	*
7139	Factory made 35 mm thick shutters with laminated veneer lumber styles rails as per TADS IS : 1995 and panels of 12 mm thick both sides prelaminated Type -1, medium density flat pressed three layer, graded particle board (FPT-I) IS: 3087 marked bonded with BWP type synthetic resin adhesive as per IS : 848-1974 .	sqm	2111.63	1800.00	1.175	1531.91	1.0936	1675.30	*
7143	12 mm thick one side prelaminated Type - I, other side balancing lamination, medium density, flat pressed three layer, graded particle board (FPT-I) as per IS : 3087, bonded with BWP type synthetic resin as per IS : 848-1974 35 mm thick shutters	sqm	2028.41	2000.00	1.175	1702.13	1.0936	1861.45	*
7151	Sheet glass using 10 kg I sqm glass panes 30 mm thick shutters	sqm	1716.34	1700.00	1.175	1446.81	1.0936	1582.23	*
7154	Using galvanised wire gauge with average width of aperture 1.4 mm on both direction with wire of dia. 0.63 mm 35 mm thick shutters	sqm	1695.54	1700.00	1.175	1446.81	1.0936	1582.23	*
7155	Using galvanised wire gauge with average width of aperture 1.4 mm on both direction with wire of dia. 0.63 mm 30 mm thick shutters	sqm	1508.30	1500.00	1.175	1276.60	1.0936	1396.09	*
7157	Using galvanised wire gauge with average width of aperture 1.4 [Tlam on both direction with wire of dia. 0.63 mm Laminated veneer lumber conforming to TAOS 15: 1995 manufactured in factory in frames of door, windows	10 cudm	738.55	730.00	1.175	621.28	1.0936	679.43	*
7178	Chemical ASTMC-type I	kg	114.42	110.00	1.175	93.62	1.0936	102.38	*
7181	C.I . pile shoe	kilogram	52.01	50.00	1.175	42.55	1.0936	46.54	*
7182	M.S. clamps for pile shoe	kilogram	46.81	45.00	1.175	38.30	1.0936	41.88	*

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
7183	Bentonite	tonne	3224.65	3100.00	1.175	2638.30	1.0936	2885.24	*
7184	Oxidised M.S. safety chain (weighing not less than 450 gms) for each door	each	62.41	60.00	1.175	51.06	1.0936	55.84	*
7187	C.I. grating 150 mm dia. (Weighing not less than 440 gm)	each	26.01	28.00	1.175	23.83	1.0936	26.06	*
7188	U-PVC pipes (working pressure 4 kg/cm^2) Single socketed ipe 75 mm dia	metre	69.69	72.00	1.175	61.28	1.0936	67.01	*
7189	U-PVC pipes (working pressure 4 kg/cm^2) Single socketed ipe 110 mm dia	metre	134.19	135.00	1.175	114.89	1.0936	125.65	*
7190	U-PVC pipes (working pressure 4 kg/cm^2) Rubber (Seal) Ring 75 mm dia .	metre	16.65	8.00	1.175	6.81	1.0936	7.45	*
7191	U-PVC pipes (working pressure 4 kg/cm^2) Rubber (Seal) Ring 110 mm dia	metre	20.80	12.00	1.175	10.21	1.0936	11.17	*
7192	UPVC coupler for UPVC drainage pipes 75 mm	each	35.37	19.00	1.175	16.17	1.0936	17.68	*
7193	UPVC coupler for UPVC drainage pipes 110 mm	each	54.09	41.00	1.175	34.89	1.0936	38.16	*
7194	UPVC pushfit coupler (single) 75 mm thick	each	52.01	19.00	1.175	16.17	1.0936	17.68	*
7195	UPVC pushfit coupler (single) 110 mm thick	each	84.25	34.00	1.175	28.94	1.0936	31.64	*
7196	UPVC single equal Tee (with door) 75x75x75 mm	each	98.82	48.00	1.175	40.85	1.0936	44.67	*
7197	UPVC single equal Tee (with door) 110x110x110 mm	each	133.15	85.00	1.175	72.34	1.0936	79.11	*
7198	UPVC single equal Tee (with door) 75x75x75 mm	each	119.62	62.00	1.175	52.77	1.0936	57.70	*
7199	UPVC single equal Tee (with door) 110x110x110 mm	each	187.24	97.00	1.175	82.55	1.0936	90.28	*
7208	UPVC bend 87.50 75 mm bend	each	58.26	37.00	1.175	31.49	1.0936	34.44	*
7209	UPVC bend 87.50 110 mm bend	each	98.82	62.00	1.175	52.77	1.0936	57.70	*
7212	UPVC plain shoe 75 mm	each	111.30	28.00	1.175	23.83	1.0936	26.06	*
7213	UPVC plain shoe 110 mm	each	215.32	49.00	1.175	41.70	1.0936	45.61	*
7214	UPVC pipe clip 75 mm bend	each	16.65	16.00	1.175	13.62	1.0936	14.89	*
7215	UPVC pipe clip 110 mm bend	each	32.25	15.00	1.175	12.77	1.0936	13.96	*
7231	Resin Bonded Glass wool 16 kg/m3, 50mm thick	sqm	150.83	105.00	1.175	89.36	1.0936	97.73	*
7232	Resin Bonded Glass wool 24 kg/m3, 50mm thick	sqm	212.20	150.00	1.175	127.66	1.0936	139.61	*
7233	Bitumen felt fibre base (vegetable or animal) Fibre glass tissue reinforced bitumen Felt Type 2 grade I conforming to IS : 7193	sqm	74.89	86.00	1.175	73.19	1.0936	80.04	*
7236	Precast chequered cement tiles 22mm thick dark shade using ordinary cement	sqm	239.25	235.00	1.175	200.00	1.0936	218.72	*
7237	Precast chequered cement tiles 22mm thick medium shade using 50% white cement, 50% ordinary cement	sqm	384.88	350.00	1.175	297.87	1.0936	325.75	*
7238	High Albedo paint	kg	255.89	240.00	1.27	188.98	1.0936	206.66	*
7239	Epoxy paint	litre	260.05	240.00	1.27	188.98	1.0936	206.66	*
7240	Fire retardant paint	litre	270.45	269.00	1.27	211.81	1.0936	231.64	*
7241	Melamine polish	litre	312.07	290.00	1.175	246.81	1.0936	269.91	*
7244	Table rubbed polished stone 18mm thick (75x50 cm) Agaria marble stone - 18 mm thick	sqm	1820.36	1700.00	1.175	1446.81	1.0936	1582.23	*
7245	Table rubbed polished stone 18mm thick (75x50 cm) Granite stone 18 mm thick	sqm	1872.38	1700.00	1.175	1446.81	1.0936	1582.23	*
7246	Vertical load testing (INITIAL) of piles in accordance with IS : 2911 (part-IV) including installation of loading platform and prepration of piles head or construction of test cap and dismantling of test cap after test etc. complete as per specification & Upto 50 tonne capacity pile	per test	34534.91	33200.00	1.175	28255.32	1.0936	30900.02	*
7247	Vertical load testing (NITIAL) of piles in accordance with IS : 2911 (part-IV) including installation of loading platform and prepration of piles head or construction of test cap and dismantling of test cap after test etc. complete as per specification & Above 50 tonne & upto 100 tonne capacity pile:	per test	41920.33	40300.00	1.175	34297.87	1.0936	37508.15	*

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Code No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due Increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
7248	Verticle load testing (INITIAL) of piles in accordance with IS : 2911 (part-IV) including installation of loading platform and prepration of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & Group of two more piles Upto 50 tonne capacity piles.	per test	50450.09	48500.00	1.175	41276.60	1.0936	45140.09	*
7249	Cyclic vertical load testing of piles in accordance with IS: 2911 IV part including preparation of pile head etc. for Single piles Upto 50 tonne capacity tonne	per test	15603.12	15000.00	1.175	12765.96	1.0936	13960.85	*
7250	Cyclic vertical load testing of piles in accordance with IS: 2911 IV part including preparation of pile head etc. for Single piles Above 50 tonne capacity pile and upto 100 tonne capacity piles	per test	23924.78	23000.00	1.175	19574.47	1.0936	21406.64	*
7251	Cyclic vertical load testing of piles in accordance with IS : 2911 Part- IV) including preparation of pile head etc. for Group of two piles up to 50 tonne capacity each	per test	30686.14	29500.00	1.175	25106.38	1.0936	27456.34	*
7252	Lateral load testing of single pile in accordance with IS: 2911 Part - IV for determining safe allowable lateral load on pile. Upto 50 tonne capacity pile	per test	15603.12	15000.00	1.175	12765.96	1.0936	13960.85	*
7253	Lateral load testing of single pile in accordance with IS: 2911 Part - IV for determining safe allowable lateral load on pile. Above 50 tonne capacity pile and upto 100 tonne capacity piles	per test	24548.91	23600.00	1.175	20085.11	1.0936	21965.07	*
7254	Hard crete compound	litre	41.61	40.00	1.175	34.04	1.0936	37.23	*
7255	Road marking paint (spirt based)	litre	124.83	120.00	1.27	94.49	1.0936	103.33	*
7256	Superior quality road marking paint	litre	176.83	140.00	1.27	110.24	1.0936	120.55	*
7257	C.P. Brass bibcock 15 mm	each	390.08	300.00	1.175	255.32	1.0936	279.22	*
7258	C.P. Brass long nose bibcock 15 mm	each	683.42	450.00	1.175	382.98	1.0936	418.83	*
7259	C.P. Brass long body bibcock 15 mm	each	521.15	400.00	1.175	340.43	1.0936	372.29	*
7260	C.P. Brass stop cock (concealed) 15 mm	each	533.63	450.00	1.175	382.98	1.0936	418.83	*
7261	C.P. Brass angle valve 15 mm	each	433.76	390.00	1.175	331.91	1.0936	362.98	*
7266	Pressed clay tiles	1000 nos.	12638.53	9000.00	1.175	7659.57	1.0936	8376.51	*
7267	Plain ceiling tiles (BWP type phenol formal dehyde synthetic resin bonded) (600x600x12mm)	each	124.83	120.00	1.175	102.13	1.0936	111.69	*
7268	Semi perforated ceiling tiles (600x600x12mm)	each	124.83	112.00	1.175	95.32	1.0936	104.24	*
7269	25 mm thick particle board	sqm	499.30	480.00	1.175	408.51	1.0936	446.75	*
7270	30mm thick pre laminated flush door shutter	sqm	884.17	850.00	1.175	723.40	1.0936	791.11	*
7271	IInd class teak wood lipping 25mm wide x 12mm thick	metre	41.61	30.00	1.175	25.53	1.0936	27.92	*
7272	25 mm thick melamine faced prelaminated three layer particle board	sqm	977.80	940.00	1.175	800.00	1.0936	874.88	*
7273	Resin Bonded Rockwool 48 kg/m3	sqm	219.49	125.00	1.175	106.38	1.0936	116.34	*
7274	Glass wool 50 mm thick	sqm		250.00	1.175	212.77	1.0936	232.68	
7280	Waste plastic additive	tonne	41608.33	40000.00	1.175	34042.55	1.0936	37228.94	*
7281	Chemical ASTMC-type II	kg	176.83	170.00	1.175	144.68	1.0936	158.22	*
7295	Granite of any colour, 18 mm thick (slab area upto 0.50 sqm)	sqm	1976.39	1750.00	1.175	1489.36	1.0936	1628.77	*
7296	Granite of any colour, 30 mm thick (slab area upto 0.50 sqm)	sqm	2392.48	2000.00	1.175	1702.13	1.0936	1861.45	*
7297	Granite of any colour,18 mm thick (slab area above 0.50sqm)	sqm	2080.41	1800.00	1.175	1531.91	1.0936	1675.30	*
7306	Aluminium T or L sections	kilogram	208.04	200.00	1.175	170.21	1.0936	186.14	*
7307	For flush door shutters Extra for providing teak veneering on one side instead of commercial veneering	sqm	353.68	340.00	1.175	289.36	1.0936	316.45	*
7309	Paving Asphalt of grade VG-30 of approved quality	tonne	42648.53	30516.00	1.175	25971.06	1.0936	28401.96	*
7312	Expandable fastner with plastic sleeve and M.S. screws, 25 mm long	each	10.40	10.00	1.175	8.51	1.0936	9.31	*
7313	Expandable fastner with plastic sleeve and M.S. screws, 32 long	mm each	11.44	11.00	1.175	9.36	1.0936	10.24	*
7314	Expandable fastner with plastic sleeve and M.S. screws, 40 long	mm each	14.56	14.00	1.175	11.91	1.0936	13.03	*
7315	Expandable fastner with plastic sleeve and M.S. screws, 50 long	mm each	15.60	15.00	1.175	12.77	1.0936	13.96	*

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ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due Increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
7318	Plasticizer/super plasticizer	kilogram	39.53	38.00	1.175	32.34	1.0936	35.37	*
7319	Wall form panel 1250X500mm	each	1092.22	900.00	1.175	765.96	1.0936	837.65	*
7320	Tie bolt 12mm dia 100 mm length	each	52.01	40.00	1.175	34.04	1.0936	37.23	*
7321	Tie bolt 12mm dia 150 mm length	each	62.41	50.00	1.175	42.55	1.0936	46.54	*
7322	Tie bolt 20mm dia 150 mm length	each	78.01	60.00	1.175	51.06	1.0936	55.84	*
7323	Tie bolt 20mm dia 225 mm length	each	93.62	70.00	1.175	59.57	1.0936	65.15	*
7324	Spring coil 12mm	each	16.65	16.00	1.175	13.62	1.0936	14.89	*
7325	Plastic cone 12mm dia	each	18.72	18.00	1.175	15.32	1.0936	16.75	*
7326	Corner angle 45x45x5mm 1.50 m long	each	312.07	250.00	1.175	212.77	1.0936	232.68	*
7327	100mm channel shoulder 2.5 m long	each	1206.64	950.00	1.175	808.51	1.0936	884.19	*
7328	Double clip (bridge clip)	each	100.90	80.00	1.175	68.09	1.0936	74.46	*
7329	Single clip	each	80.10	62.00	1.175	52.77	1.0936	57.70	*
7330	M.S. tube 40mm dia	metre	291.26	225.00	1.175	191.49	1.0936	209.41	*
7331	Wall form panel 1250x450mm	each	1081.82	900.00	1.175	765.96	1.0936	837.65	*
7332	Corner angle 45x45x5 mm 2.50 m long	each	353.68	265.00	1.175	225.53	1.0936	246.64	*
7333	Column clamp 450x1070 mm	each	1269.05	1010.00	1.175	859.57	1.0936	940.03	*
7334	Prop 2 m (2-3.5m)	each	863.37	655.00	1.175	565.96	1.0936	618.93	*
7335	Binding wire	kilogram	55.13	48.00	1.175	40.85	1.0936	44.67	*
7338	Gun metal cramp	kilogram	343.27	330.00	1.175	280.85	1.0936	307.14	*
7339	Stainless steel cramp	kilogram	353.68	300.00	1.175	255.32	1.0936	279.22	*
7340	Stainless steel pin.	kg	197.64	190.00	1.175	161.70	1.0936	176.84	*
7342	Adjustable span ESQ+SI (2.35-3.40)	each	1976.39	1550.00	1.175	1319.15	1.0936	1442.62	*
7343	Adjustable telescopic prop 3 m (2.00-3.75 m)	each	1248.25	1000.00	1.175	851.06	1.0936	930.72	*
7344	Beam clamp 300-380mm (450-1070mm)	each set	438.97	370.00	1.175	314.89	1.0936	344.37	*
7345	Prop 4m	each	1217.04	950.00	1.175	808.51	1.0936	884.19	*
7346	Double coupler	each	57.21	48.00	1.175	40.85	1.0936	44.67	*
7347	Cadmium plated full threaded steel screws (30x4 mm dia.)	100 Nos.	29.13	28.00	1.175	23.83	1.0936	26.06	*
7348	Aluminium Washer 2 mm thick 15 mm dia	100 Nos.	10.40	10.00	1.175	8.51	1.0936	9.31	*
7349	12mm M.S. 'U' beading	metre	15.60	15.00	1.175	12.77	1.0936	13.96	*
7350	M S tower bolt bright finished / black stone enamelled 250x10 mm	each	34.05		1.175	28.98	1.0936	31.69	****
7353	M S tower bolt bright finished / black stone enamelled 100x10 mm	each	23.68		1.175	20.15	1.0936	22.04	****
7354	Plastic encapsulated M.S. foot rest 30x20x15 cm	each	119.62	115.00	1.175	97.87	1.0936	107.03	*
7358	Flushing Cistern P.V.C. 10 lts capacity (low level) (White) (with fittings, accessories and flush pipe)	each	665.73	600.00	1.175	510.64	1.0936	558.43	*
7359	P.V.C. automatic flushing cistern 5 lts capacity	each	509.70	490.00	1.175	417.02	1.0936	456.05	*
7361	P.V.C. automatic flushing cistern 10 lts capacity	each	551.31	530.00	1.175	451.06	1.0936	493.28	*
7363	15 mm C.P. brass tap with elbow operation lever	each	728.15	450.00	1.175	382.98	1.0936	418.83	*
7364	White glazed fire clay draining board 600x450x25 mm	each	572.12	550.00	1.175	468.09	1.0936	511.90	*
7366	Glass reinforced Gypsum (GRG) board 12.5 mm thick	sqm	249.65	250.00	1.175	212.77	1.0936	232.68	*
7367	Galvanised M.S. sheet 0.50mm thick pressed channel section of size 50x32mm	metre	62.41	60.00	1.175	51.06	1.0936	55.84	*
7369	Galvanised M.S. sheet 0.50mm thick pressed stud 48x34x38mm	metre	78.01	75.00	1.175	63.83	1.0936	69.80	*
7375	C.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Single flpped urinal	each	483.70	465.00	1.175	395.74	1.0936	432.79	*
7376	C.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of two lipped urinals	each	1092.22	800.00	1.175	680.85	1.0936	744.58	*
7377	C.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of three lipped urinals	each	1300.26	1100.00	1.175	936.17	1.0936	1023.80	*
7378	C.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Range of four lipped urinals	each	1976.39	1500.00	1.175	1276.60	1.0936	1396.09	*

cdd No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0)/109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
7379	White vitreous china clay half stall urinal flat back 580x380x350 mm or angle back 450x375x350 mm with waste fittings as per IS : 2556	each	1664.34	907.00	1.175	771.91	1.0936	844.17	*
7380	Precast R.C.C. grating with frame 500x450 mm horizontal grating	each	673.14	650.00	1.175	553.19	1.0936	604.97	*
7381	Precast R.C.C grating with frame 450x100 mm vertical grating	each	338.06	245.00	1.175	208.51	1.0936	228.03	*
7382	Bitumen emulsion rapid setting (R.S.) confirming to IS : 8887	each	30998.20	25425.00	1.175	21638.30	1.0936	23663.64	*
7383	12 mm dia 50 mm long wedge type expanded zinc alloy dash fastener	each		7.00	1.175	5.96	1.0936	6.52	
7385	3 mm thick translucent white acrylic plastic sheet	sqm	592.92	570.00	1.175	485.11	1.0936	530.51	*
7386	12 thick particle board ceiling tile	sqm	270.46	112.00	1.175	95.32	1.0936	104.24	*
7387	Spigot for standard jointing		46.81	45.00	1.175	38.30	1.0936	41.88	*
7388	Dash hold fastener 12.5 mm dia. 40 mm long with 6 mm dia bolt	each	52.01	12.00	1.175	10.21	1.0936	11.17	*
7389	Anodising 15 microns on aluminium sections	kilogram	41.61	40.00	1.175	34.04	1.0936	37.23	*
7390	Neoprene / EPDM rubber gasket	meter	26.01	20.00	1.175	17.02	1.0936	18.61	*
7391	Anodising 25 microns onaluminiu sections	kg	52.01	50.00	1.175	42.55	1.0936	46.54	*
7392	Power coating 50 microns on aluminium sections	kg	66.57	64.00	1.175	54.47	1.0936	59.57	*
7393	Polyster powder coating 50 microns on aluminium sections	kg	72.81	70.00	1.175	59.57	1.0936	65.15	*
7394	Double action hydraulic floor spring with stainless steel cover plate	each	1612.32	1550.00	1.175	1319.15	1.0936	1442.62	*
7395	6 mm dia M.S. adjustable hangers including clips (upto 1.2 m length)	each	29.13	20.00	1.175	17.02	1.0936	18.61	*
7396	Double action hydraulic floor spring with brass cover plate	each	1768.36	1700.00	1.175	1446.81	1.0936	1582.23	*
7397	Base Jack	each	187.24	150.00	1.175	127.66	1.0936	139.61	*
7398	Challies	each	832.17	800.00	1.175	680.85	1.0936	744.58	*
7399	cup locks	each	83.22	50.00	1.175	42.55	1.0936	46.54	*
7400	15 mm PTMT bib cock	each	104.02	75.00	1.175	63.83	1.0936	69.80	*
7401	15 mm PTMT bib cock with flange (fancy)	each	145.63	110.00	1.175	93.62	1.0936	102.38	*
7402	15 mm PTMT bib cock long body with flange	each	166.44	122.00	1.175	103.83	1.0936	113.55	*
7403	15 mm dia PTMT stop cock(male thread)	each	104.02	75.00	1.175	63.83	1.0936	69.80	*
7405	20 mm dia. PTMT stop cock	each	135.22	102.00	1.175	86.91	1.0936	94.93	*
7406	PTMT pillar cock	each	166.44	129.00	1.175	109.79	1.0936	120.06	*
7407	PTMT push cock 15 mm dia	each	93.62	65.00	1.175	55.32	1.0936	60.50	*
7408	PTMT push cock 12 mm dia 20 mm BSP	each	83.22	60.00	1.175	51.06	1.0936	55.84	*
7409	PTMT grating 100 mm dia	each	32.25	21.00	1.175	17.87	1.0936	19.55	*
7410	PTMT Pillar cock (fancy) 15mm foam flow	each	234.04	144.00	1.175	122.55	1.0936	134.02	*
7411	125 mm grating with waste hole	each	43.69	32.00	1.175	27.23	1.0936	29.78	*
7412	Rectangular type with openable circular lid 150 mm size 18 mm high with 100 mm dia (110 gm)	each	126.91	122.00	1.175	103.83	1.0936	113.55	*
7415	Double acting air valve 50 mm	each	4160.83	3900.00	1.175	3319.15	1.0936	3629.82	*
7416	Double acting air valve 80 mm	each	5409.08	4750.00	1.175	4042.55	1.0936	4420.94	*
7417	Double acting air valve 100 mm	each	7073.42	6200.00	1.175	5276.60	1.0936	5770.49	*
7418	Water meter (including testing charges) 80 mm	each	2215.65	2130.00	1.175	1812.77	1.0936	1982.44	*
7419	Water meter (including testing charges) 100 mm	each	3432.68	3300.00	1.175	2808.51	1.0936	3071.39	*
7420	Water meter (including testing charges) 150 mm	each	5201.04	5000.00	1.175	4255.32	1.0936	4653.62	*
7421	Water meter (including testing charges) 200 mm	each	5617.13	5400.00	1.175	4595.74	1.0936	5025.91	*
7422	Dirt box strainer 80 mm	each	2922.99	2810.00	1.175	2391.49	1.0936	2615.33	*
7423	Dirt box strainer 100 mm	each	4764.16	4580.00	1.175	3897.87	1.0936	4262.71	*
7424	Dirt box strainer 150 mm	each	6043.60	5810.00	1.175	4944.68	1.0936	5407.50	*
7425	Dirt box strainer 200 mm	each	8581.72	8250.00	1.175	7021.28	1.0936	7678.47	*
7426	Cat's eye	each	187.24	105.00	1.175	89.36	1.0936	97.73	*

cdo No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2018 to June 2018[1+(119.2-109.0)/109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
7379	White vitreous china clay half stall urinal flat back 580x380x350 mm or angle back 450x375x350 mm with waste fittings as per IS : 2556	each	1664.34	907.00	1.175	771.91	1.0936	844.17	*
7380	Precast R.C.C. grating with frame 500x450 mm horizontal grating	each	678.14	650.00	1.175	553.19	1.0936	604.97	*
7381	Precast R.C.C. grating with frame 450x100 mm vertical grating	each	338.06	245.00	1.175	208.51	1.0936	228.03	*
7382	Bitumen emulsion rapid setting (R.S.) confirming to IS : 8887	each	30998.20	25425.00	1.175	21638.30	1.0936	23663.64	*
7383	12 mm dia 50 mm long wedge type expanded zinc alloy dash fastener	each		7.00	1.175	5.96	1.0936	6.52	
7385	3 mm thick translucent white acrylic plastic sheet	sqm	592.92	570.00	1.175	485.11	1.0936	530.51	*
7386	12 thick particle board ceiling tile	sqm	270.46	112.00	1.175	95.32	1.0936	104.24	*
7387	Spigot for standard jointing		46.81	45.00	1.175	38.30	1.0936	41.88	*
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	52.01	12.00	1.175	10.21	1.0936	11.17	*
7389	Anodising 15 microns on aluminium sections	kilogram	41.61	40.00	1.175	34.04	1.0936	37.23	*
7390	Neoprene / EPDM rubber gasket	meter	26.01	20.00	1.175	17.02	1.0936	18.61	*
7391	Anodising 25 microns onaluminiu sections	kg	52.01	50.00	1.175	42.55	1.0936	46.54	*
7392	Power coating 50 microns on aluminium sections	kg	66.57	64.00	1.175	54.47	1.0936	59.57	*
7393	Polyster powder coating 50 microns on aluminium sections	kg	72.81	70.00	1.175	59.57	1.0936	65.15	*
7394	Double action hydraulic floor spring with stainless steel cover plate	each	1612.32	1550.00	1.175	1319.15	1.0936	1442.62	*
7395	6 mm dia M.S adjustable hangers including clips (upto 1.2 m length)	each	29.13	20.00	1.175	17.02	1.0936	18.61	*
7396	Double action hydraulic floor spring with brass cover plate	each	1768.36	1700.00	1.175	1446.81	1.0936	1582.23	*
7397	Base Jack	each	187.24	150.00	1.175	127.66	1.0936	139.61	*
7398	Challies	each	832.17	800.00	1.175	680.85	1.0936	744.58	*
7399	cup locks	each	83.22	50.00	1.175	42.55	1.0936	46.54	*
7400	15 mm PTMT bib cock	each	104.02	75.00	1.175	63.83	1.0936	69.80	*
7401	15 mm PTMT bib cock with flange (fancy)	each	145.63	110.00	1.175	93.62	1.0936	102.38	*
7402	15 mm PTMT bib cock long body with flange	each	166.44	122.00	1.175	103.83	1.0936	113.55	*
7403	15 mm dia PTMT stop cock(male thread)	each	104.02	75.00	1.175	63.83	1.0936	69.80	*
7405	20 mm dia, PTMT stop cock	each	135.22	102.00	1.175	86.81	1.0936	94.93	*
7406	PTMT pillar cock	each	166.44	129.00	1.175	109.79	1.0936	120.06	*
7407	PTMT push cock 15 mm dia	each	93.62	65.00	1.175	55.32	1.0936	60.50	*
7408	PTMT push cock 12 mm dia 20 mm BSP	each	83.22	60.00	1.175	51.06	1.0936	55.84	*
7409	PTMT grating 100 mm dia	each	32.25	21.00	1.175	17.87	1.0936	19.55	*
7410	PTMT Pillar cock (fancy) 15mm foam flow	each	234.04	144.00	1.175	122.55	1.0936	134.02	*
7411	125 mm grating with waste hole	each	43.59	32.00	1.175	27.23	1.0936	29.78	*
7412	Rectangular type with openable circular lid 150 mm size 18 mm high with 100 mm dia (110 gm)	each	126.91	122.00	1.175	103.83	1.0936	113.55	*
7415	Double acting air valve 50 mm	each	4160.83	3900.00	1.175	3319.15	1.0936	3629.82	*
7416	Double acting air valve 80 mm	each	5409.08	4750.00	1.175	4042.55	1.0936	4420.94	*
7417	Double acting air valve 100 mm	each	7073.42	6200.00	1.175	5276.60	1.0936	5770.49	*
7418	Water meter (including testing charges) 80 mm	each	2215.65	2130.00	1.175	1812.77	1.0936	1982.44	*
7419	Water meter (including testing charges) 100 mm	each	3432.68	3300.00	1.175	2808.51	1.0936	3071.39	*
7420	Water meter (including testing charges) 150 mm	each	5201.04	5000.00	1.175	4255.32	1.0936	4653.62	*
7421	Water meter (including testing charges) 200 mm	each	5617.13	5400.00	1.175	4595.74	1.0936	5025.91	*
7422	Dirt box strainer 80 mm	each	2922.99	2810.00	1.175	2391.49	1.0936	2615.33	*
7423	Dirt box strainer 100 mm	each	4764.16	4580.00	1.175	3897.87	1.0936	4262.71	*
7424	Dirt box strainer 150 mm	each	6043.60	5810.00	1.175	4944.68	1.0936	5407.50	*
7425	Dirt box strainer 200 mm	each	8581.72	8250.00	1.175	7021.28	1.0936	7678.47	*
7426	Cat's eye	each	187.24	105.00	1.175	89.36	1.0936	97.73	*

Item No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due Increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
7427	Water stop Serrated with central bulb (225 mm wide, 8-11 mm thick)	metre	431.69	211.00	1.175	179.57	1.0936	196.38	"
7428	Water stop Dumb bell with central bulb	metre	405.66	165.00	1.175	140.43	1.0936	153.57	"
7429	Water stop Kicers	metre	390.08	195.00	1.175	165.96	1.0936	181.49	"
7430	Wedge expansion hold fastner 1/4" or 6 mm	each	14.56	12.00	1.175	10.21	1.0936	11.17	"
7431	Wedge expansion hold fastner 3/8" or 10 mm	each	15.60	12.00	1.175	10.21	1.0936	11.17	"
7432	Wedge expansion hold fastner 1/2" or 12 mm	each	29.13	28.00	1.175	23.83	1.0936	26.06	"
7439	8mm thick (mirror polished tiles machine cut edge) Raj Nagar white	sqm	520.10	500.00	1.175	425.53	1.0936	465.36	"
7442	Wheel 75mm dia. 40mm wide	each	67.62	65.00	1.175	55.32	1.0936	60.50	"
7443	Aluminium single cleat of size 30x32x3 mm	each	14.56	15.00	1.175	12.77	1.0936	13.96	"
7444	Aluminium grip strip of size 50x12x2 mm	each	11.44	12.00	1.175	10.21	1.0936	11.17	"
7445	25 mm prelaminated flush door both side decorative	sqm	863.37	808.00	1.175	687.66	1.0936	752.02	"
7449	Aluminium U beading	kilogram	228.85	220.00	1.175	187.23	1.0936	204.76	"
7451	Glass sheet (Pin headed) 4mm thick	sqm	312.07	320.00	1.175	272.34	1.0936	297.83	"
7452	Raj Nagar plain- White Marble (table rubbed and polished 18mm thick slab area upto 0.50 sqm	sqm	676.14	600.00	1.175	510.64	1.0936	558.43	"
7453	Raj Nagar plain- White Marble (table rubbed and polished 18mm thick slab area more than 0.50 sqm	sqm	780.15	700.00	1.175	595.74	1.0936	651.51	"
7466	Second class deodar teak wood lipping 30mm width x 12mm	metre	31.20	25.00	1.175	21.28	1.0936	23.27	"
7468	Veneered particle board with commercial veneering on both sides 12 mm thick	sqm	520.10	520.00	1.175	442.55	1.0936	483.98	"
7477	Prelaminated particle board with one side decorative and other side balancing lamination, flat presed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	769.75	563.00	1.175	479.15	1.0936	524.00	"
7478	Prelaminated particle board with one side decorative and other side balancing lamination, flat presed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 18 mm thick	sqm	884.17	675.00	1.175	574.47	1.0936	628.24	"
7479	Prelaminated particle board with one side decorative and other side balancing lamination, flat presed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 25 mm thick	sqm	967.39	930.00	1.175	791.49	1.0936	865.57	"
7480	Prelaminated particle board with both sides decorative lamination,flat pressed 3 layer & graded (medium density) Graefe I. Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	811.36	596.00	1.175	507.23	1.0936	554.71	"
7485	Oxidised M.S. hinges finished with nickle plating 50mm (Over all width)	metre	43.69	42.00	1.175	35.74	1.0936	39.09	"
7486	Oxidised M.S. hinges finished with nickle plating 65mm (Over all width)	metre	56.17	55.00	1.175	46.81	1.0936	51.19	"
7491	PTMT - Waste Coupling 31/32 mm	each	53.05	36.00	1.175	30.64	1.0936	33.51	"
7492	PTMT - Waste Coupling 38/40 mm	each	66.57	50.00	1.175	42.55	1.0936	46.54	"
7493	PTMT - Bottle Trap 31/32 mm	each	329.75	218.00	1.175	185.53	1.0936	202.90	"
7494	PTMT - Bottle Trap 38/40 mm	each	358.87	228.00	1.175	194.04	1.0936	212.20	"
7495	PTMT - Ball Cock 15 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	139.39	105.00	1.175	89.36	1.0936	97.73	"
496	PTMT - Ball Cock 20mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	202.84	140.00	1.175	119.15	1.0936	130.30	"
497	PTMT - Ball Cock25 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	436.88	300.00	1.175	255.32	1.0936	279.22	"
498	PTMT - Ball Cock 40 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	811.36	501.00	1.175	426.38	1.0936	466.29	"
499	PTMT - Ball Cock 50 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	1196.24	913.00	1.175	777.02	1.0936	849.75	"
500	PTMT - Angle Stop cock with Flange 15 mm	each	135.22	102.00	1.175	86.81	1.0936	94.93	"
501	PTMT - Swiveling shower 15 mm	each	90.49	75.00	1.175	63.83	1.0936	69.80	"
503	PTMT - Liquid Soap Container of 400 ml capacity	each	150.83	107.00	1.175	91.06	1.0936	99.59	"

Sdw No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0)/109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
7504	PTMT – Towel Ring 215x200x37 mm	each	120.66	135.00	1.175	114.89	1.0936	125.65	"
7505	PTMT – Towel Rail (450 mm)	each	199.72	141.00	1.175	120.00	1.0936	131.23	"
7506	PTMT – Towel Rail (600 mm)	each	235.09	169.00	1.175	143.83	1.0936	157.29	"
7507	PTMT – Shelf 450x124x36 mm	each	268.37	210.00	1.175	178.72	1.0936	195.45	"
7508	PTMT - Urinal Spreader 15 mm	each	132.10	80.00	1.175	68.09	1.0936	74.46	"
7509	PTMT - Soap Dish/Holder 138x102x75 mm	each	124.83	85.00	1.175	72.34	1.0936	79.11	"
7512	PTMT - handle 125x34x24 mm	each	31.20	25.00	1.175	21.28	1.0936	23.27	"
7513	PTMT - handle 150x34x24 mm	each	35.37	25.00	1.175	21.28	1.0936	23.27	"
7514	PTMT – butt hinges 75x60x10 mm	each	43.69	35.00	1.175	29.79	1.0936	32.58	"
7515	PTMT - butt hinges 100x75x10 mm	each	58.26	45.00	1.175	38.30	1.0936	41.88	"
7516	PTMT - Tower bolt 152x42x18 mm	each	67.62	50.00	1.175	42.55	1.0936	46.54	"
7517	PTMT - Tower bolt 202x42x18 mm	each	83.22	70.00	1.175	59.57	1.0936	65.15	"
7518	PTMT - door catcher 72x42 mm	each	28.08	25.00	1.175	21.28	1.0936	23.27	"
7552	Coir Veneered board 4 mm thick	sqm	301.66	300.00	1.175	255.32	1.0936	279.22	"
7553	Coir Veneered board 6 mm thick	sqm	405.68	400.00	1.175	340.43	1.0936	372.29	"
7555	Coir Veneered board 12 mm thick	sqm	676.14	700.00	1.175	595.74	1.0936	651.51	"
7556	Coir Veneered board 18 mm thick	sqm	1071.41	1050.00	1.175	893.62	1.0936	977.26	"
7621	Hubless centrifugally cast (spun) iron pipes as per IS 15905 - 100 mm dia (3000 mm length pipe)	metre		729.00	1.175	620.43	1.0936	678.50	"
7622	Hubless centrifugally cast (spun) iron pipes as per IS 15905 - 75 mm dia (3000 mm length pipe)	metre		597.00	1.175	508.09	1.0936	555.64	"
7623	Hubless centrifugally cast (spun) iron plain bend as per IS 15905 - 100 mm dia	each		241.00	1.175	205.11	1.0936	224.30	"
7624	Hubless centrifugally cast (spun) iron plain bend as per IS 15905 - 75 mm dia	each		164.00	1.175	139.57	1.0936	152.64	"
7625	Hubless centrifugally cast (spun) iron double equal plain junction as per IS 15905 - 100x100x100x100 mm dia	each		532.00	1.175	452.77	1.0936	495.14	"
7626	Hubless centrifugally cast (spun) iron double equal plain junction as per IS 15905 - 75x75x75x75 mm dia	each		286.00	1.175	243.40	1.0936	266.19	"
7627	Hubless centrifugally cast (spun) iron single equal plain junction as per IS 15905 - 100x100x100 mm dia	each		410.00	1.175	348.94	1.0936	381.60	"
7628	Hubless centrifugally cast (spun) iron single equal plain junction as per IS 15905 - 75x75x75 mm dia	each		225.00	1.175	191.49	1.0936	209.41	"
7629	Hubless centrifugally cast (spun) iron double unequal plain junction as per IS 15905 – 100x100x75x75 mm dia	each		421.00	1.175	358.30	1.0936	391.83	"
7630	Hubless centrifugally cast (spun) iron single unequal plain junction as per IS 15905 - 100x100x75 mm dia	each		392.00	1.175	333.62	1.0936	364.84	"
7631	Hubless centrifugally cast (spun) iron double equal plain invert branch as per IS 15905 - 100x100x100x100 mm dia	each		653.00	1.175	555.74	1.0936	607.76	"
7632	Hubless centrifugally cast (spun) iron single equal plain invert branch as per IS 15905 - 100x100x100 mm dia	each		410.00	1.175	348.94	1.0936	381.60	"
7633	Hubless centrifugally cast (spun) iron single equal plain invert branch as per IS 15905 - 75x75x75 mm dia	each		270.00	1.175	229.79	1.0936	251.30	"
7634	Hubless centrifugally cast (spun) iron single unequal plain invert branch 45 degree as per IS 15905 – 100x100x75 mm dia	each		450.00	1.175	382.98	1.0936	418.83	"
7635	Hubless centrifugally cast (spun) iron 65 mm offset with 100 mm dia pipe as per IS 15905	each		378.00	1.175	321.70	1.0936	351.81	"
7636	Hubless centrifugally cast (spun) iron 65 mm offset with 75 mm dia pipe as per IS 15905	each		308.00	1.175	262.13	1.0936	286.66	"
7637	Hubless centrifugally cast (spun) iron 130 mm offset with 100 mm dia pipe as per IS 15905	each		457.00	1.175	388.94	1.0936	425.34	"
7638	Hubless centrifugally cast (spun) iron 130 mm offset with 75 mm dia pipe as per IS 15905	each		325.00	1.175	276.60	1.0936	302.49	"
7639	Hubless centrifugally cast (spun) iron bend with access door – 100 mm dia as per IS 15905	each		380.00	1.175	323.40	1.0936	353.67	"
7640	Hubless centrifugally cast (spun) iron bend with access door - 75 mm dia as per IS 15905	each		303.00	1.175	257.87	1.0936	282.01	"
7641	Hubless centrifugally cast (spun) iron terminal guard (slotted cow) - 100 mm dia as per IS 15905	each		283.00	1.175	240.85	1.0936	263.39	"
7642	Hubless centrifugally cast (spun) iron trap with 100 mm inlet and 100 mm outlet as per IS 15905	each		560.00	1.175	476.60	1.0936	521.21	"
7643	Hubless centrifugally cast (spun) iron trap with 100 mm inlet and 75 mm outlet as per IS 15905	each		404.00	1.175	343.83	1.0936	376.01	"
7644	SS 304 grade shielded coupling with EPDM rubber gasket for 100 mm dia Hubless centrifugally cast (spun) iron	each		287.00	1.175	244.26	1.0936	267.12	"
7645	SS 304 grade shielded coupling with EPDM rubber gasket for 75 mm dia Hubless centrifugally cast (spun) iron	each		282.00	1.175	222.98	1.0936	243.85	"
7651	Ductile iron class K - 9 pipe Conforming to I.S. 8329 100 mm dia	metre	832.17	800.00	1.175	680.85	1.0936	744.58	"

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deductions for VAT & excise	Rates after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
7652	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 150 mm dia	metre	1248.25	1200.00	1.175	1021.28	1.0936	1116.87	*
7653	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 200 mm dia	metre	1716.34	1650.00	1.175	1404.26	1.0936	1535.69	*
7654	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 250 mm dia	metre	2392.48	2300.00	1.175	1957.45	1.0936	2140.66	*
7655	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 300 mm dia	metre	2974.99	2860.00	1.175	2434.04	1.0936	2661.87	*
7656	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 350 mm dia	metre	3651.13	3510.00	1.175	2987.23	1.0936	3266.84	*
7657	Ductile Iron class K - 9 pipe Conforming to I.S. 8329400 mm dia	metre	4680.94	4500.00	1.175	3829.79	1.0936	4188.26	*
7658	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 450 mm dia	metre	5409.08	5200.00	1.175	4425.53	1.0936	4839.76	*
7659	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 500 mm dia	metre	6844.57	6580.00	1.175	5600.00	1.0936	6124.16	*
7660	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 600 mm dia	metre	8248.85	7930.00	1.175	6748.94	1.0936	7380.64	*
7661	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 700 mm dia	metre	11442.29	11000.00	1.175	9361.70	1.0936	10237.96	*
7662	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 750 mm dia	metre	12378.48	11900.00	1.175	10127.66	1.0936	11075.61	*
7663	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 800 mm dia	metre	12482.49	12000.00	1.175	10212.77	1.0936	11168.68	*
7664	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 900 mm dia	metre	15083.02	14500.00	1.175	12340.43	1.0936	13495.49	*
7665	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 1000 mm dia	metre	16955.39	16300.00	1.175	13872.34	1.0936	15170.79	*
7666	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 100 mm dia	ench	31.20	30.00	1.175	25.53	1.0936	27.92	*
7668	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 150mm dia	ench	39.53	38.00	1.175	32.34	1.0936	35.37	*
7669	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 200mm dia	ench	68.65	66.00	1.175	56.17	1.0936	61.43	*
7670	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 250mm dia	ench	81.13	78.00	1.175	66.38	1.0936	72.60	*
7671	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 300 mm dia	ench	119.62	115.00	1.175	97.87	1.0936	107.03	*
7672	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 350 mm dia	ench	137.31	132.00	1.175	112.34	1.0936	122.86	*
7673	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 400 mm dia	ench	249.65	240.00	1.175	204.26	1.0936	223.37	*
7674	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 450 mm dia	ench	291.26	280.00	1.175	238.30	1.0936	260.60	*
7675	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 500 mm dia	ench	317.26	305.00	1.175	259.57	1.0936	283.87	*
7676	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 600 mm dia	ench	395.27	380.00	1.175	323.40	1.0936	353.67	*
7677	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 700 mm dia	ench	598.12	575.00	1.175	489.36	1.0936	535.17	*
7678	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 750 mm dia	ench	717.75	690.00	1.175	587.23	1.0936	642.20	*
7679	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 800 mm dia	ench	790.56	760.00	1.175	646.81	1.0936	707.35	*
7680	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 900 mm dia	ench	1040.21	1000.00	1.175	851.06	1.0936	930.72	*
7681	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 1000 mm dia	ench	1248.25	1200.00	1.175	1021.28	1.0936	1116.87	*
7682	Ductile Iron K - 12 specials suitable for push on jointing upto 600 mm dia	quintal	13522.71	13000.00	1.175	11063.83	1.0936	12099.40	*
683	Ductile Iron K - 12 specials suitable for push on jointing over 600 mm dia	quintal	18723.74	18000.00	1.175	15319.15	1.0936	16753.02	*
684	Ductile Iron specials suitable for mechanical jointing as per I.S. 9523 - upto 600 mm dia	quintal	14250.85	13700.00	1.175	11659.57	1.0936	12750.91	*
685	Ductile Iron Specials suitable for mechanical jointing as per I.S. 9523 over 600 mm dia	quintal	20440.09	19650.00	1.175	16723.40	1.0936	18288.71	*
686	Ductile Iron Pipe Class K-9 flanges and welding 100 mm dia	metre	2267.65	1155.00	1.175	982.98	1.0936	1074.99	*
687	Ductile Iron Pipe Class K-9 flanges and welding 150 mm dia	metre	3640.73	1733.00	1.175	1474.89	1.0936	1612.94	*
688	Ductile Iron Pipe Class K-9 flanges and welding 200 mm dia	metre	4275.26	2179.00	1.175	1854.47	1.0936	2028.05	*
689	Ductile Iron Pipe Class K-9 flanges and welding 250 mm dia	metre	3562.71	3098.00	1.175	2636.60	1.0936	2883.38	*

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1	2	3	4	5.00	6	7	8	9	10
7690	Ductile Iron Pipe Class K-9 flanges and welding 300 mm dia	metre	7239.84	3980.00	1.175	3387.23	1.0936	3704.28	*
7691	Ductile Iron Pipe Class K-9 flanges and welding 350 mm dia	metre	9153.83	5019.00	1.175	4271.49	1.0936	4671.30	*
7692	Ductile Iron Pipe Class K-9 flanges and welding400mm dia	metre	11036.61	6458.00	1.175	5496.17	1.0936	6010.61	*
7693	Ductile Iron Pipe Class K-9 flanges and welding 450 mm dia	metre	13418.68	6776.00	1.175	5766.81	1.0936	6306.58	*
7694	Ductile Iron Pipe Class K-9 flanges and welding 500mm dia	metre	15707.14	9639.00	1.175	8203.40	1.0936	8971.24	*
7695	Ductile Iron Pipe Class K-9 flanges and welding600mm dia	metre	21459.49	12758.00	1.175	10857.87	1.0936	11874.17	*
7696	Ductile Iron Pipe Class K-9 flanges and welding700 mm dia	metre	26629.33	15089.00	1.175	12841.70	1.0936	14043.69	*
7697	S&S Centrifugally (Spun) C.I. Pipe class LA 100 mm dia	metre	936.19	900.00	1.175	765.96	1.0936	837.65	*
7698	S&S Centrifugally (Spun) C.I. Pipe class LA 125mm dia	metre	1165.03	1120.00	1.175	953.19	1.0936	1042.41	*
7699	S&S Centrifugally (Spun) C.I. Pipe class LA 150 mm dia	metre	1404.28	1350.00	1.175	1148.94	1.0936	1256.48	*
7700	S&S Centrifugally (Spun) C.I. Pipe class LA 200 mm dia	metre	2392.48	2300.00	1.175	1957.45	1.0936	2140.66	*
7701	S&S Centrifugally (Spun) C.I. Pipe class LA 250 mm dia	metre	3120.63	3000.00	1.175	2553.19	1.0936	2792.17	*
7702	S&S Centrifugally (Spun) C.I. Pipe class LA 300 mm dia	metre	4212.84	4050.00	1.175	3446.81	1.0936	3769.43	*
7703	S&S Centrifugally (Spun) C.I. Pipe class LA 350mm dia	metre	5045.01	4850.00	1.175	4127.66	1.0936	4514.01	*
7704	S&S Centrifugally (Spun) C.I. Pipe class LA 400mm dia	metre	6657.33	6400.00	1.175	5446.81	1.0936	5956.63	*
7705	S&S Centrifugally (Spun) C.I. Pipe class LA 450 mm dia	metre	8061.61	7750.00	1.175	6595.74	1.0936	7213.11	*
7706	S&S Centrifugally (Spun) C.I. Pipe class LA500 mm dia	metre	9361.88	9000.00	1.175	7659.57	1.0936	8376.51	*
7707	S&S Centrifugally (Spun) C.I. Pipe class LA 600 mm dia	metre	13101.42	12595.00	1.175	10719.15	1.0936	11722.46	*
7708	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing up to 300 mm dia	quintal	5669.13	5450.00	1.175	4638.30	1.0936	5072.44	*
7709	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing over 300 mm dia	quintal	8529.71	6510.00	1.175	5540.43	1.0936	6059.01	*
7710	S&S Centrifugally (Spun) C.I. Pipe specials suitable for mechanical joint as per I.S. 13382 up to 300 mm dia	quintal	9361.88	9000.00	1.175	7659.57	1.0936	8376.51	*
7711	S&S Centrifugally (Spun) C.I. Pipe Specials suitable for mechanical joint as per IS 13382 over 300 mm dia	quintal	9881.98	9500.00	1.175	8085.11	1.0936	8841.87	*
7712	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 100 mm dia	metre	1430.28	1375.00	1.175	1170.21	1.0936	1279.74	*
7713	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 150 mm dia	metre	2236.45	2150.00	1.175	1829.79	1.0936	2001.06	*
7714	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 200 mm dia	metre	3536.70	3400.00	1.175	2893.62	1.0936	3164.46	*
7715	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 250 mm dia	metre	4264.85	4100.00	1.175	3489.36	1.0936	3815.97	*
7716	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 300 mm dia	metre	5450.69	5240.00	1.175	4459.57	1.0936	4876.99	*
7717	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 350 mm dia	metre	6865.37	6600.00	1.175	5617.02	1.0936	6142.77	*
7718	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 400 mm dia	metre	8893.78	8550.00	1.175	7276.60	1.0936	7957.69	*
7719	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 450 mm dia	metre	11338.27	10900.00	1.175	9276.60	1.0936	10144.89	*
7720	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 500 mm dia	metre	14105.22	13560.00	1.175	11540.43	1.0936	12620.61	*
7721	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 600 mm dia	metre	19555.91	18800.00	1.175	16000.00	1.0936	17497.60	*
7722	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 100 mm dia	metre	806.16	775.00	1.175	659.57	1.0936	721.31	*
7723	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 150 mm dia	metre	1165.03	1120.00	1.175	953.19	1.0936	1042.41	*
7724	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 200 mm dia	metre	1612.32	1550.00	1.175	1319.15	1.0936	1442.62	*
7725	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 250 mm dia	metre	2184.44	2100.00	1.175	1787.23	1.0936	1954.52	*
7726	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 300 mm dia	metre	3016.60	2771.00	1.175	2358.30	1.0936	2579.03	*
7727	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 350 mm dia	metre	3583.52	3354.00	1.175	2854.47	1.0936	3121.65	*
7728	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 400 mm dia	metre	4176.44	4015.00	1.175	3417.02	1.0936	3736.85	*
729	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 450 mm dia	metre	5047.08	4852.00	1.175	4129.36	1.0936	4515.87	*
730	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 500 mm dia	metre	5965.59	5735.00	1.175	4880.85	1.0936	5337.70	*

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1	2	3	4	5.00	6	7	8	9	10
7731	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 600 mm dia	metre	7780.76	7402.00	1.175	6299.57	1.0936	6889.21	*
7732	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 700 mm dia	metre	9999.52	9613.00	1.175	8181.28	1.0936	8947.04	*
7733	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 800 mm dia	metre	12586.52	12100.00	1.175	10297.87	1.0936	11261.75	*
7734	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 900 mm dia	metre	16716.14	15603.00	1.175	13279.15	1.0936	14522.08	*
7735	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 1000 mm dia	metre	17716.83	17032.00	1.175	14495.32	1.0936	15852.08	*
7736	Extruded burnt flyash clay sewer bricks conforming to I.S 4885	1000nos	5617.13	5400.00	1.175	4595.74	1.0936	5025.91	*
7737	Fly ash lime bricks (FALG Bricks) conforming to I.S. 12894 -1989	1000nos	4888.98	5800.00	1.175	4936.17	1.0936	5398.20	*
7738	Calcium Silicate Bricks machine moulded confirming to I.S. 4139	1000nos	5201.04	5700.00	1.175	4851.06	1.0936	5305.12	*
7739	Modified Bitumen Refinery produced CRMB - 55	toone	42544.51					36387.00	**
7741	Modified Bitumen Refinery produced CRMB - 60	toone	42440.49					36387.00	**
7742	Bitumen emulsion medium setting (M.S.) conforming to IS : 8887	toone	31206.25					39393.00	**
7743	M.S. pipe 150 mm dia casing pipe	metre	1102.63	950.00	1.175	808.51	1.0936	884.19	*
7744	M.S. pipe 200 mm dia casing pipe	metre	1352.27	1200.00	1.175	1021.28	1.0936	1116.87	*
7745	PVC blind pipe 150 mm dia as per IS: 12818	metre	520.10	487.00	1.175	414.47	1.0936	453.28	*
7746	PVC blind pipe 200 mm dia as per IS: 12818	metre	780.15	519.00	1.175	441.70	1.0936	483.05	*
7747	M.S. cap 150 mm dia	each	166.44	150.00	1.175	127.66	1.0936	139.61	*
7748	M.S. cap 200 mm dia	each	208.04	190.00	1.175	161.70	1.0936	176.84	*
7749	M.S bail plug 150 mm dia	each	208.04	190.00	1.175	161.70	1.0936	176.84	*
7750	M.S bail plug 200 mm dia	each	228.85	210.00	1.175	178.72	1.0936	195.45	*
7751	PVC slotted pipe 150 mm dia as per IS: 12818	metre	468.09	450.00	1.175	382.98	1.0936	418.83	*
7752	PVC slotted pipe 200 mm dia as per IS: 12818	metre	728.15	700.00	1.175	595.74	1.0936	651.51	*
7753	Boulder 50 mm to 200 mm	cum	364.07	700.00	1.175	595.74	1.0936	651.51	*
7754	Gravel 5 mm to 10 mm	cum	728.15	800.00	1.175	680.85	1.0936	744.58	*
7755	Gravel 1.5 mm to 2 mm	cum	676.14	800.00	1.175	680.85	1.0936	744.58	*
7756	Gravel 3 mm to 6 mm	cum	707.34	800.00	1.175	680.85	1.0936	744.58	*
7757	M.S. pipe 100 mm dia casing pipe	metre	800.96	700.00	1.175	595.74	1.0936	651.51	*
7758	UPVC blind pipe 100 mm dia as per IS: 12818	metre	374.48	244.00	1.175	207.66	1.0936	227.10	*
7759	UPVC slotted pipe 100 mm dia as per IS: 12818	metre	395.27	380.00	1.175	323.40	1.0936	353.67	*
7760	M.S. cap 100 mm dia	each	135.22	120.00	1.175	102.13	1.0936	111.69	*
7761	M.S. bail plug 100 mm dia	each	166.44	150.00	1.175	127.66	1.0936	139.61	*
7762	Precast R.C.C. perforated slab	each	832.17	800.00	1.175	680.85	1.0936	744.58	*
7763	Water supply tanker of 5000 litre capacity	each	832.17	750.00	1.175	638.30	1.0936	698.04	*
7764	M.S. socket 100 mm dia	each	187.24	120.00	1.175	102.13	1.0936	111.69	*
7765	M.S. socket 150 mm dia	each	228.85	210.00	1.175	178.72	1.0936	195.45	*
7766	M.S. socket 200 mm dia	each	291.26	270.00	1.175	229.79	1.0936	251.30	*
7767	Stone cleaning chemical approved by ASI	litre	171.64	165.00	1.175	140.43	1.0936	153.57	*
7768	Water repellent chemical approved by ASI	litre	1650.81	650.00	1.175	553.19	1.0936	604.97	*
7769	Stone surface strengthening chemical approved by ASI	litre	1061.02	1020.00	1.175	868.09	1.0936	949.34	*
7770	Turpentine oil	litre	70.74	55.00	1.175	46.81	1.0936	51.19	*
7771	Liquid Amonia 5%	litre	167.47	161.00	1.175	137.02	1.0936	149.85	*
7772	Pea Gravel	cum	780.15	900.00	1.175	765.96	1.0936	837.65	*
7773	Coloured inter locking C.C. paver Block	sqm	520.10	500.00	1.175	425.53	1.0936	465.36	*
7774	Stone size 10x10x7.50cm	each	9.36	9.00	1.175	7.66	1.0936	8.38	*
7775	Sodium pentachlorophenate	kilogram	655.33	630.00	1.175	536.17	1.0936	586.36	*
7800	Ceramic Glazed Tiles 1st Quality minimum thickness 5mm in all colours shades except Burgandy, Bottle Green, Black	sqm	312.07	210.00	1.175	178.72	1.0936	195.45	*
7801	Ceramic Glazed Tiles 1st quality 300x300 mm in all shades & designs of White, Ivory, Fume Red Brown etc.	sqm	379.67	210.00	1.175	178.72	1.0936	195.45	*
7802	Ceramic Glazed Tiles 1st quality 300x300 mm in all shades & designs except White, Ivory, Grey and Fume Red Brown etc.	sqm	390.08	260.00	1.175	221.28	1.0936	241.99	*
7803	Ceramic Glazed Tiles 1st quality 300x300 or more in all shades designs White, Ivory, Grey and Fume Red Brown etc.	sqm	535.71	334.00	1.175	284.26	1.0936	310.86	*
7804	Ceramic Glazed Tiles 1st quality 300x300 or more mm hi all shades designs except White, Ivory, Grey and Fume Red brown etc.	sqm	566.91	400.00	1.175	340.43	1.0936	372.29	*

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1	2	3	4	5.00	6	7	8	9	10
7805	Salem Stainless steel AISI - 304 (18/8) Orrisa pattern W.C. pan 724 mm X 578 mm	each	3952.79	3600.00	1.175	3063.83	1.0936	3350.60	*
7806	Salem Stainless steel AISI - 304 (18/8) Round basin 405 mm X355 mm	each	1924.39	1500.00	1.175	1276.60	1.0936	1396.09	*
7807	Salem Stainless steel AISI - 304 (18/8) Wash basin 530 mm X 345 mm each	each	1716.34	1500.00	1.175	1276.60	1.0936	1396.09	*
7808	Centrifugally cast (spun) iron S&S 100 mm inlet and 100 mm outlet	each	452.49	435.00	1.175	370.21	1.0936	404.86	*
7809	Centrifugally cast (spun) iron S&S 100 mm inlet and 75 mm outlet	each	486.82	468.00	1.175	398.30	1.0936	435.58	*
7850	Agaria White marble slab plain 18 mm thick	each	1165.03	1100.00	1.175	936.17	1.0936	1023.80	*
7857	P.T.M.T. Grating square slit 150 mm	each	80.10	50.00	1.175	42.55	1.0936	46.54	*
7858	P.T.M.T. Urinal cock 15mm dia	each	124.83	110.00	1.175	93.62	1.0936	102.38	*
7859	P.T.M.T. Bib cock with nozzle 15 mm	each	150.83	84.00	1.175	71.49	1.0936	78.18	*
7861	P.T.M.T. Stop cock (concealed) 15 mm	each	164.35	125.00	1.175	106.38	1.0936	116.34	*
7862	15 mm nominal bore and 30 cm length PVC connection pipe with P.T.M.T. Nuts	each	33.29	32.00	1.175	27.23	1.0936	29.78	*
7863	15 mm nominal bore and 45 cm length PVC connection pipe with P.T.M.T. Nuts	each	41.61	34.00	1.175	28.94	1.0936	31.64	*
7864	P.T.M.T. extension nipple 15 mm	each	33.29	19.00	1.175	16.17	1.0936	17.68	*
7865	P.T.M.T. extension nipple 20 mm	each	39.53	28.00	1.175	23.83	1.0936	26.06	*
7866	P.T.M.T. extension nipple 25 mm	each	59.29	40.00	1.175	34.04	1.0936	37.23	*
7893	Tactile tile	sqm	902.90	900.00	1.175	765.96	1.0936	837.65	*
7895	Matt finished vitrified tile 100x100 x16 mm	sqm	967.39	377.00	1.175	320.85	1.0936	350.88	*
7896	Vitrified tile	sqm	530.51	309.00	1.175	262.98	1.0936	287.59	*
7900	Modular common burnt clay bricks of class designation 7.5	1,000nos	4580.94	4500.00	1.175	3829.79	1.0936	4188.26	*
7901	Machine moulded perforated common burnt clay FPS (non modular) bricks of class designation 12.5	1,000nos	4784.96	4600.00	1.175	3914.89	1.0936	4281.33	*
7902	Machine moulded common burnt clay modular perforated bricks of class designation 12.5	1,000nos	4784.96	5350.00	1.175	4553.19	1.0936	4979.37	*
7903	Machine moulded common burnt clay FPS (non modular) bricks of class designation 12.5	1,000nos	4680.94	5000.00	1.175	4255.32	1.0936	4653.62	*
7904	Machine moulded common burnt clay tile bricks of class designation 12.5	1,000nos	5201.04	5000.00	1.175	4255.32	1.0936	4653.62	*
7911	Chemical Rust Remover	litre		200.00	1.175	170.21	1.0936	186.14	*
7912	Hire charges of Drill machine upto 30 mm dia	day		150.00	1.175	127.66	1.0936	139.61	*
7913	Epoxy	kg		550.00	1.175	468.09	1.0936	511.90	*
7914	SBR Polymer	kg		180.00	1.175	153.19	1.0936	167.53	*
7915	Woven PVC cloth	sqm		25.00	1.175	21.28	1.0936	23.27	*
7916	Hire charges of sand blasting equipment	day		400.00	1.175	340.43	1.0936	372.29	*
7917	Hire charges of compressure	day		600.00	1.175	510.64	1.0936	558.43	*
7918	25mm thick cement concrete shotcrete(guniting) with compressor	sqm		100.00	1.175	85.11	1.0936	93.07	*
7919	50mm thick cement concrete shotcrete(guniting) with compressor	sqm		160.00	1.175	136.17	1.0936	148.92	*
7920	75mm thick cement concrete shotcrete(guniting) with compressor	sqm		266.00	1.175	226.38	1.0936	247.57	*
7921	Adhesive chemical	ml		2.36	1.175	2.01	1.0936	2.20	*
7922	Bit of drilling machine for Hole upto 30mm dia	each		475.00	1.175	404.26	1.0936	442.09	*
7923	GI injection nipple 12mm dia, 75mm long	each		40.00	1.175	34.04	1.0936	37.23	*
7924	Blowing compressed air for cleaning holes upto 30mm dia	each		10.00	1.175	8.51	1.0936	9.31	*
7925	L shaped 100mm long, 10mm dia mild steel shear key	kg		67.10	1.175	57.11	1.0936	62.45	*
7926	Welding charges of shear key to existing reinforcement	each		2.00	1.175	1.70	1.0936	1.86	*
7927	Acrylic Polymer chemical for cracks	kg		30.00	1.175	25.53	1.0936	27.92	*
7928	Hire charges of Plant and machinery, it can inject - 350kg/day	day		100.00	1.175	85.11	1.0936	93.07	*
8001	24 mm thick Factory made shutters with styles, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	2236.45	1395.00	1.175	1187.23	1.0936	1298.36	
8002	30 mm thick Factory made shutters with styles, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	2340.46	1522.00	1.175	1295.32	1.0936	1416.56	
8003	Factory made PVC rigid foam panelled door shutter 30 mm thick	sqm	2236.45	2200.00	1.175	1872.34	1.0936	2047.59	
8004	Factory made PVC rigid foam panelled shutters as per I.S. 4020 i/c carriage	sqm	2652.53	2600.00	1.175	2212.77	1.0936	2419.88	
8006	Factory made PVC rigid foam sheet 1 mm thick	sqm	192.43	200.00	1.175	170.21	1.0936	186.14	
8007	Factory made PVC rigid foam sheet 5 mm thick	sqm	657.41	632.00	1.175	537.87	1.0936	588.22	

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1	2	3	4	5.00	6	7	8	9	10
8008	Factory made Prelaminated PVC rigid foam sheet 5 mm thick	sqm	782.23	752.00	1.175	640.00	1.0936	699.90	*
8010	Factory made PVC Door frame 48x40x1.5 mm in white , grey or wooden finish	metre	158.03	160.00	1.175	136.17	1.0936	148.92	*
8011	Factory made door frame *PVC* extruded sheet i/c carriage	metre	364.07	350.00	1.175	297.87	1.0936	325.75	*
8012	Adhesive Solvent cement	litre	171.64	140.00	1.175	119.15	1.0936	130.30	*
8013	Factory made EPS Core wallpanel /roof panel sandwiched between two Engineered welded wire fabric mesh of 3 mm dia G.I. wire mesh,with 50 mm pitch in both the directions, kept at 120-135 mm gap and interconnected by the zig zag G.I. wire of 3 mm dia at alternate row by welding.			1650.00	1.175	1404.26	1.0936	1535.69	*
8014	Factory made door frame of size 50x47 mm with wall thickness 5mm made of single piece extruded profile	metre	509.70	500.00	1.175	425.53	1.0936	465.36	*
8015	Expanded poly ethylene Foam sheet 4mm thick of Density 40kg/m3	sqm		18.00	1.175	15.32	1.0936	16.75	*
8016	High Density expanded poly ethylene (EPE) Foam 1mm thick	sqm		8.50	1.175	7.23	1.0936	7.91	*
8017	Fire rated door frame made with 1.6 mm thick G.I sheet (120 minutes fire rating)	metre		950.00	1.175	808.51	1.0936	884.19	*
8018	Fire rated door shutter made with 1.6 mm thick G.I sheet (120 minutes fire rating) including hinges (without glass panels)	sqm		5000.00	1.175	4255.32	1.0936	4653.62	*
8021	Bamboo wood Tile Flooring 14mm thick of minimum size 1800mm x 130mm	sqm		3775.00	1.175	3212.77	1.0936	3513.48	*
8022	Bamboo wood Quarter Round 18mm thick of size 1900mm x 18mm	metre		125.00	1.175	106.38	1.0936	116.34	*
8023	Bamboo wood door reducer 14mm thick of size 1900mm x 44mm	metre		275.00	1.175	234.04	1.0936	255.95	*
8024	Bamboo wood Skirting 14mm thick of Size 1900mm x 85mm	sqm		325.00	1.175	276.60	1.0936	302.49	*
8025	Bamboo wood Tile Wall Cladding 10mm thick of size 1900mm x 135mm	sqm		3375.00	1.175	2872.34	1.0936	3141.19	*
8026	Bamboo wood T-mold 14mm thick of size 1900mm x 44mm	metre		275.00	1.175	234.04	1.0936	255.95	*
8027	Bamboo wood Threshold 14mm thick of size 1900mm x 44mm	metre		275.00	1.175	234.04	1.0936	255.95	*
8028	Bamboo wood shutter of doors	10cudm		1800.00	1.175	1531.91	1.0936	1675.30	*
8029	Bamboo wood panelling (10mm thick)	10cudm		1800.00	1.175	1531.91	1.0936	1675.30	*
8030	Superior class Bamboo wood door frame 65 mm thick,	10cudm		1800.00	1.175	1531.91	1.0936	1675.30	*
8031	Aluminium sheets Grade 5052, 4 mm thick for wall panel/deck panel/ WRB panel/Kicker Panels/door closing panels (for form work)	sqm		8500.00	1.175	7234.04	1.0936	7911.15	*
8032	Aluminium sheets Grade 5052, 4 mm thick for Column Corners/ (for form work) Internal Corner/	sqm		11500.00	1.175	9787.23	1.0936	10703.32	*
8033	Aluminium sheets Grade 5052, 4 mm thick for (for form work)	sqm		32000.00	1.175	27234.04	1.0936	29783.15	*
	Accessories for aluminium form work				1.175	0.00	1.0936	0.00	*
8034	External corner 2050 mm	each		1400.00	1.175	1191.49	1.0936	1303.01	*
8035	External corner 825 mm	each		565.00	1.175	480.85	1.0936	525.86	*
8036	soldier tie 370mm	each		274.00	1.175	233.19	1.0936	255.02	*
8037	Adjustable prop-2.0 x2.0 m	each		1080.00	1.175	919.15	1.0936	1005.18	*
8038	Pin-50	each		15.00	1.175	12.77	1.0936	13.96	*
8039	Pin-127	each		52.00	1.175	44.26	1.0936	48.40	*
8040	wedge	each		14.00	1.175	11.91	1.0936	13.03	*
8041	wall tie-150 (355 mm)	each		45.00	1.175	38.30	1.0936	41.88	*
8042	Polythene Sleeve 90 x 150mm	each		3.00	1.175	2.55	1.0936	2.79	*
8043	Polythene Roll - 150mm Long.	each		6.00	1.175	5.11	1.0936	5.58	*
8044	Vertical Soldier -1100mm	each		351.00	1.175	298.72	1.0936	326.68	*
8045	Wall Attached Bracket 600x1000mm	each		936.00	1.175	796.60	1.0936	871.16	*
8046	Allignment Pipe - 3.00 Mtr.	each		960.00	1.175	817.02	1.0936	893.49	*
8047	Allignment Bracket	each		450.00	1.175	382.98	1.0936	418.83	*
8048	Tie Rod for Bracket - 500mm	each		108.00	1.175	91.91	1.0936	100.52	*
8049	Anchor Wing Nut Ø100 mm	each		60.00	1.175	51.06	1.0936	55.84	*
8050	Dowbit Pin - 250mm	each		56.00	1.175	47.66	1.0936	52.12	*
8051	PVC Pipe Ø20mm - 150mm long	each		5.00	1.175	4.26	1.0936	4.66	*
8052	PVC Cone	each		5.00	1.175	4.26	1.0936	4.66	*
8053	Bolt+Nut - 16 x 80 mm	each		30.00	1.175	25.53	1.0936	27.92	*
8054	Flat Washer Ø16, 3mm thik	each		5.00	1.175	4.26	1.0936	4.66	*
8055	Bolt+Nut - 16 x 30 mm	each		18.00	1.175	15.32	1.0936	16.75	*
8056	Deppor spacer 45x45x5-1135mm Long	each		340.00	1.175	289.36	1.0936	316.45	*

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1	2	3	4	5.00	6	7	8	9	10
8057	Door spacer 45x45x5 - 985mm long	each		295.00	1.175	251.06	1.0936	274.56	*
8100	Powder coated M.S. Butt Hinges 100x58x1.9mm	10 Nos	88.42	85.00	1.175	72.34	1.0936	79.11	*
8101	SS ball bearing of size 100 x89x3mm	each		300.00	1.175	255.32	1.0936	279.22	*
8116	Zinc alloy (white powder coated) 3D Hinges for uPVC door	each		455.00	1.175	387.23	1.0936	423.48	*
8117	Zinc alloy (white powder coated) handles with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key for uPVC casement door	each set		2000.00	1.175	1702.13	1.0936	1861.45	*
8118	Zinc alloy (white powder coated) handles along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding window	each set		950.00	1.175	808.51	1.0936	884.19	*
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set		1150.00	1.175	978.72	1.0936	1070.33	*
8121	uPVC extruded (small series) casement window frame size 47x50mm	metre		247.00	1.175	210.21	1.0936	229.89	*
8122	uPVC extruded (small series) casement window sash/window mullion size 47x68 mm	metre		267.00	1.175	227.23	1.0936	248.50	*
8125	uPVC extruded glazing bead of appropriate dimension for small series casement window Sash	metre		90.00	1.175	76.60	1.0936	83.77	*
8126	uPVC extruded (big series) casement window frame size 67x60 mm	metre		358.00	1.175	304.68	1.0936	333.20	*
8127	uPVC extruded (big series) casement door frame size 67x84 mm	metre		370.00	1.175	314.89	1.0936	344.37	*
8128	uPVC extruded (big series) casement window sash/window mullion/ door mullion size 67x80 mm	metre		423.00	1.175	360.00	1.0936	393.70	*
8129	uPVC extruded (big series) casement door sash size 67x110 mm	metre		550.00	1.175	468.09	1.0936	511.90	*
8130	uPVC extruded glazing bead of appropriate dimension for big series casement window/door sash	metre		114.00	1.175	97.02	1.0936	106.10	*
8131	uPVC extruded glazing bead of appropriate dimension for small series sliding window sash	metre		55.00	1.175	46.81	1.0936	51.19	*
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window/ door sash	metre		82.00	1.175	69.79	1.0936	76.32	*
8133	uPVC extruded (small series) 2 track sliding window frame size 52x 44 mm	metre		267.00	1.175	227.23	1.0936	248.50	*
8134	uPVC extruded (big series) 2 track sliding window/door frame size 67x 50mm	metre		367.00	1.175	312.34	1.0936	341.58	*
8135	uPVC extruded (small series) 3 track sliding window frame size 92x 44 mm	metre		360.00	1.175	306.38	1.0936	335.06	*
8136	uPVC extruded (big series) 3 track sliding window/door frame size 116x45mm	metre		505.00	1.175	429.79	1.0936	470.02	*
8137	uPVC extruded (small series) 2 track sliding window sash/3 track sliding window sash size 32x60mm	metre		251.00	1.175	213.62	1.0936	233.61	*
8138	uPVC extruded (big series) 2 track sliding window sash size 46x62mm	metre		311.00	1.175	264.68	1.0936	289.45	*
8139	uPVC extruded (big series) 3 track sliding window sash size 46x62mm	metre		311.00	1.175	264.68	1.0936	289.45	*
8140	uPVC extruded interlock of appropriate dimension for small series sliding window sash	metre		75.00	1.175	63.83	1.0936	69.80	*
8141	uPVC extruded interlock of appropriate dimension for big series sliding window/ door sash	metre		85.00	1.175	72.34	1.0936	79.11	*
8142	uPVC extruded inline adapter of appropriate dimension for big series sliding window/door sash	metre		85.00	1.175	72.34	1.0936	79.11	*
8143	uPVC extruded 2 track sliding door sash/ 3 track sliding door sash (big series) size 46x82mm	metre		327.00	1.175	278.30	1.0936	304.35	*
9200	APP modified Polymeric felt 1.5 mm thick	sqm	62.41	75.00	1.175	63.83	1.0936	69.80	*
9201	APP modified Polymeric felt 2.0 mm thick	sqm	102.99	98.00	1.175	83.40	1.0936	91.21	*
9203	A.P.P. modified 2 mm thick membrane reinforced with glass fibre matt.	sqm	173.71	100.00	1.175	85.11	1.0936	93.07	*
9204	A.P.P. modified 3 mm thick membrane reinforced with glass fibre matt.	sqm	215.32	200.00	1.175	170.21	1.0936	186.14	*
9205	A.P.P. modified 3 mm thick membrane reinforced with polyester matt.	sqm	254.85	205.00	1.175	174.47	1.0936	190.80	*
9206	Bitumen primer for bitumat membrane.	litre	85.30	90.00	1.175	78.60	1.0936	85.77	*
9207	Geotextile 120 gsm membrane	sqm	39.53	45.00	1.175	38.30	1.0936	41.88	*
9210	Stainless Steel 50mm long Screws	100 Nos.	260.05	260.00	1.175	221.28	1.0936	241.99	*
9211	Stainless Steel 40mm long Screws	100 Nos.	208.04	208.00	1.175	177.02	1.0936	193.59	*
9212	Stainless Steel 30mm long Screws	100 Nos.	56.03	180.00	1.175	153.19	1.0936	167.53	*
9214	Stainless Steel 20mm long Screws	100 Nos.	104.02	120.00	1.175	102.13	1.0936	111.69	*
9215	Stainless Steel 125x64x1.90mm Butt Hinge IS: 12817 marked	10 Nos.	260.05	250.00	1.175	212.77	1.0936	232.68	*

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1	2	3	4	5.00	6	7	8	9	10
8216	Stainless Steel 100x58x1.90mm Butt Hinge IS : 12817 marked	10 Nos.	239.25	230.00	1.175	195.74	1.0936	214.07	*
8217	Stainless Steel 75x47x1.80mm Butt Hinge IS : 12817 marked	10 Nos.	156.03	150.00	1.175	127.66	1.0936	139.61	*
8218	Stainless Steel 50x37x1.50mm Butt Hinge IS: 12817 marked	10 Nos.	135.22	130.00	1.175	110.64	1.0936	120.99	*
8219	Stainless Steel 125x64x2.50mm Butt Hinge IS: 12817 marked	10 Nos.	343.27	330.00	1.175	280.85	1.0936	307.14	*
8220	Stainless Steel 100x60x2.50mm Butt Hinge IS:12817 marked	10 Nos.	249.65	240.00	1.175	204.26	1.0936	223.37	*
8221	Stainless Steel 75x60x2.50mm Butt Hinge IS: 12817 marked	10 Nos.	202.84	195.00	1.175	165.96	1.0936	181.49	*
8222	M. S. heavy weight butt hinges 125x90x4.00mm (heavy weight) IS: 1341 marked	10 Nos.	343.27	200.00	1.175	170.21	1.0936	186.14	*
8223	M. S. heavy weight butt hinges 100x75x3.50mm (heavy weight) IS: 1341 marked	10 Nos.	176.83	150.00	1.175	127.66	1.0936	139.61	*
8224	M.S. heavy weigh butt hinges 75x60x3.10mm (heavy weight) IS: 1341 marked	10 Nos.	93.62	90.00	1.175	76.60	1.0936	83.77	*
8225	M.S. heavy weight butt hinges 50x40x2.50mm (heavy weight) IS: 1341 marked	10 Nos.	78.04	75.00	1.175	63.83	1.0936	69.80	*
8226	Concealed zinc coated hinges 19-20 mm thick with mounting plate	10 Nos.		400.00	1.175	340.43	1.0936	372.29	*
8300	1216 mm PE-AL-PE Composite pressure pipe	metre	98.82	62.00	1.175	52.77	1.0936	57.70	*
8301	1620 mm PE-AL-PE Composite pressure pipe	metre	130.03	78.00	1.175	66.38	1.0936	72.60	*
8302	2025 mm PE-AL-PE Composite pressure pipe	metre	166.44	110.00	1.175	93.62	1.0936	102.38	*
8303	2532 mm PE-AL-PE Composite pressure pipe	metre	213.24	157.00	1.175	133.62	1.0936	146.12	*
8304	3240 mm PE-AL-PE Composite pressure pipe	metre	353.68	235.00	1.175	200.00	1.0936	218.72	*
8305	4050 mm PE-AL-PE Composite pressure pipe	metre	390.08	330.00	1.175	280.85	1.0936	307.14	*
8500	Water for jetting / blowback	1000 litre		1500.00	1.175	1276.60	1.0936	1396.09	*
8501	Polymer modified cementation coating	kilogram	140.43	140.00	1.175	119.15	1.0936	130.30	*
8502	Fibre glass cloth	sqm	45.77	44.00	1.175	37.45	1.0936	40.95	*
8503	Fibre glass cloth	sqm	48.84		1.175	41.57	1.0936	45.46	****
8504	Multi surface paint	litre	286.06	255.00	1.27	200.79	1.0936	219.58	*
8505	Acralyc exterior paint	litre	145.63	170.00	1.27	133.86	1.0936	146.39	*
8506	Premium Acralyc exterior paint	litre	244.45	203.00	1.27	159.84	1.0936	174.80	*
8507	Textured exterior paint	litre	208.04	230.00	1.27	181.10	1.0936	198.05	*
8508	Primer for cement paint	litre	81.13	70.00	1.175	59.57	1.0936	65.15	*
8509	Special Primer (C.W.)	litre	86.34	140.00	1.175	119.15	1.0936	130.30	*
8510	Metal Primer (U.G.)	litre	124.83	90.00	1.175	76.60	1.0936	83.77	*
8511	Fibre reinforced elastomeric liquid water proofing membrane	litre		198.69	1.175	169.10	1.0936	184.93	*
8512	Cementitious water proofing coating with elastic polymers	kg		189.13	1.175	160.96	1.0936	176.03	*
8513	Acrylic modified resin based texture	kg		48.89	1.175	41.61	1.0936	45.50	*
8514	40 mm long S.S screws with plastic rawl plugs	each		38.00	1.175	32.34	1.0936	35.37	*
8515	Galvanised MS 8 mm outer diameter M-6 dash fastener 50mm long	each		1.00	1.175	0.85	1.0936	0.93	*
8552	Mineral fibre beveled tegular edged ceiling tiles 595 x595mm,16 mm thick	sqm		786.00	1.175	668.94	1.0936	731.55	*
8553	Mineral fibre beveled tegular edged ceiling tiles 595 x595mm,16 mm thick with bio-block conforming to ISO 5 (class 100) specifications.	sqm		857.00	1.175	729.36	1.0936	797.63	*
8554	Mineral fiber beveled tegular edged ceiling tiles 595 x595mm,20 mm thick.	sqm		990.00	1.175	842.55	1.0936	921.42	*
8555	G.I main runner 15 x32 mm of 3000 mm length, 0.33 mm thick	each		177.00	1.175	150.64	1.0936	164.74	*

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
8556	G.I cross-T 15 x32 mm of 1200 mm length, 0.33 mm thick	each		73.00	1.175	62.13	1.0936	67.94	*
8558	G.I hanger rod 6mm dia fully threaded upto 1000 mm length	each		25.00	1.175	21.28	1.0936	23.27	*
8559	Stainless steel U Channel of size (50x25x2mm)	metre		150.00	1.175	127.66	1.0936	139.61	*
8560	Non staining water resistant clear silicon	metre		61.00	1.175	51.91	1.0936	56.77	*
8561	Extruded polystyrene rigid insulation board 50 mm thick	sqm		500.00	1.175	425.53	1.0936	465.36	*
8563	15 mm thick, light weight, integral densified micro look edged,false ceiling tiles of size 595x595 mm.	sqm		900.00	1.175	765.96	1.0936	837.65	*
8564	15 mm thick, light weight,fully perforated square/butt edge integral densified,false ceiling tiles of size 595x595 mm.	sqm		865.00	1.175	736.17	1.0936	805.08	*
8565	Galavanised MS hanger rod 6 mm dia MS fully threaded up to 1000 mm length	each		25.00	1.175	21.28	1.0936	23.27	*
8566	Powder coated steel section main-T ceiling sections 15x42x0.40 mm (3000 mm long)	each		225.00	1.175	191.49	1.0936	209.41	*
8567	Galvanized mild steel perimeter wall angle 22x19x0.40 mm (3000 mm long)	each		110.00	1.175	93.62	1.0936	102.38	*
8568	Powder coated Galvanised Iron intermediate cross-T section 15x42x0.40 mm (1200 mm long)	each		90.00	1.175	76.60	1.0936	83.77	*
8569	Powder coated Galvanized Iron intermediate cross-T section 15x42x0.40mm (600 mm long)	each		45.00	1.175	38.30	1.0936	41.88	*
8576	Crates made of Mesh type 10x12 (D=100 mm) Zinc coated. (Mesh wire diameter 3.00 mm).	sqm		190.00	1.175	161.70	1.0936	176.84	*
8577	Crates made of Mesh type 10x12 (D=100 mm) Zn+PVC coated. Mesh wire diameter 2.70/3.70 mm (ID/OD).	sqm		220.00	1.175	187.23	1.0936	204.76	*
8578	Crates made of Mesh type 10x12 (D=100 mm) Zn+10% Al alloy + PVC coated. Mesh wire diameter 2.70/3.70 mm (ID/OD).	sqm		290.00	1.175	246.81	1.0936	269.91	*
8579	Cold form light gauge Steel C-section of thickness 0.75mm i/c zink coating/sliting etc.	kg		126.00	1.175	107.23	1.0936	117.27	*
8580	Wastage of cold form light gauge steel	kg		17.00	1.175	14.47	1.0936	15.82	*
8581	12 mm thick micro tegular edged semi perforated GRG (Glass Fibre Reinforced Gypsum) false ceiling tiles of Size 595x595 mm	sqm		624.00	1.175	531.06	1.0936	580.77	*
8582	12 mm thick micro tegular edged fully perforated GRG (Glass Fibre Reinforced Gypsum) false ceiling tiles of Size 595x595 mm	sqm		706.00	1.175	600.85	1.0936	657.09	*
8583	10 mm thick square edge fully perforated GRG(Glass Fibre Reinforced Gypsum) false ceiling tiles of Size 595x595 mm	sqm		706.00	1.175	600.85	1.0936	657.09	*
8587	Galvanized iron intermediate cross-T section 15x32x0.33 mm (600 mm long)	each		34.00	1.175	28.94	1.0936	31.64	*
8588	Galavanised MS hanger rod 6mm dia MS fully threaded up to 1000 mm length	each		25.00	1.175	21.28	1.0936	23.27	*
8589	Calcium Silicate tegular edged ceiling tiles 595x595 mm and 15mm thick	sqm	892.50	860.00	1.175	731.91	1.0936	800.42	*
8590	Galvanised Steel main Tee ceiling section Size 24x38x0.33 mm(3 metre long)	each	199.72	113.00	1.175	96.17	1.0936	105.17	*
8591	Galvanised Steel perimeter wall Angle Size 24 x 24 x 0.40 mm (3.00 metre long)	each	130.03	63.00	1.175	53.62	1.0936	58.64	*
8592	Galvanised Steel intermediate cross T section Size 24 x 25 x0.33 mm (1.2 metre long)	each	80.10	38.00	1.175	32.34	1.0936	35.37	*
8593	Galvanised Steel intermediate cross T section Size 24 x 25 x0.33 mm (0.6 metre long)	each	40.57	19.00	1.175	16.17	1.0936	17.68	*
8594	Galvanised Steel soffit cleat size 25x35x1.60 mm	each	3.12	4.00	1.175	3.40	1.0936	3.72	*
8595	Wooden screws with plastic rawl plugs 35x8 mm	each	0.62	1.00	1.175	0.85	1.0936	0.93	*
8598	Galvanised MS 8mm outer diameter M-8 dash fastener 25mm long	each		31.00	1.175	26.38	1.0936	28.85	
8597	GI Metal Tile Clip in Plain Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick	sqm	930.99	650.00	1.175	553.19	1.0936	604.97	*
8598	GI Metal Tile Clip in Perforated Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick	sqm	1040.21	812.00	1.175	691.06	1.0936	755.75	*
8599	GI Metal Tile Lay-in Plain Tegular edge global white color tiles of Size 595x595 mm and 0.5 mm thick	sqm	841.53	510.00	1.175	434.04	1.0936	474.67	*
8600	GI Metal Tile Lay-in Perforated Tegular edge global white color tiles of Size 595x595 mm and 0.5 mm thick	sqm	942.43	610.00	1.175	519.15	1.0936	567.74	*

ode No	Description	Unit	Present Approved rate	Rate as per DSR-2015	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2018 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
8601	PVC Laminated Gypsum Tiles (Square edge) of Size 595x595 mm and 12.5 mm thick	sqm	486.82	470.00	1.175	400.00	1.0936	437.44	*
8602	Gypsum Tiles Fully Perforated Square edge of Size 595x595 mm and 12.5 mm thick	sqm	503.45	480.00	1.175	408.51	1.0936	446.75	*
8604	Spring T-section 24x34x0.45 mm (3.00 meter long)	metre	167.24	180.00	1.175	153.19	1.0936	167.53	*
8605	C Wall angle section 20x30x20x0.50 mm (3.00 meter long)	metre	161.23	90.00	1.175	76.60	1.0936	83.77	*
8606	Main C Carrier Size 10x38x10x0.70 mm (3.00 meter long)	metre	170.59	110.00	1.175	93.62	1.0936	102.38	*
8607	Spring T-connector	each	5.20	5.00	1.175	4.26	1.0936	4.65	*
8608	C Carrier Connector	each	11.44	11.00	1.175	9.36	1.0936	10.24	*
8609	C Suspension Clip	each	11.44	8.00	1.175	6.81	1.0936	7.45	*
8610	Wire Coupling Clip	each	9.36	9.00	1.175	7.66	1.0936	8.38	*
8611	Main T ceiling sections 24x38x0.3 mm (3 meter long)	each	194.52	101.00	1.175	85.96	1.0936	94.00	*
8612	Perimeter Wall angle 21 x21 mm (3 meter long)	each	122.74	75.00	1.175	63.83	1.0936	69.80	*
8613	Intermediate Cross Channel (1.2 mtrs)	each	74.89	34.00	1.175	28.94	1.0936	31.64	*
8614	Intermediate Cross Channel (1.6 mtrs)	each	35.37	17.00	1.175	14.47	1.0936	15.82	*
8615	Hanger rod 0.5 mm thick	each	8.32	8.00	1.175	6.81	1.0936	7.45	*
8616	Adjustment clip	each	6.24	5.00	1.175	4.26	1.0936	4.65	*
8617	Soffit Cleat	each	3.12	4.00	1.175	3.40	1.0936	3.72	*
8618	Dash fastener 6 mm dia 50 mm long	each	11.44	8.00	1.175	6.81	1.0936	7.45	*
8619	Galavanised MS L-shape level adjuster of size 85x25x2 mm	each		14.00	1.175	11.91	1.0936	13.03	*
8620	Vitrified floor tiles 50x50 cm	sqm	774.96	490.00	1.175	417.02	1.0936	456.05	*
8621	Vitrified floor tiles 60x60 cm	sqm	915.39	600.00	1.175	510.64	1.0936	558.43	*
8622	Vitrified floor tiles 80x80 cm	sqm	1128.62	850.00	1.175	723.40	1.0936	791.11	*
8623	Vitrified floor tiles 1 00x1 00 cm	sqm	1716.34	1390.00	1.175	1182.98	1.0936	1293.71	*
8624	*Border tiles 200x75mm size	each		16.00	1.175	13.62	1.0936	14.89	
8625	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 16 mm Outer dia	metre	38.49		1.175	32.76	1.0936	35.82	****
8626	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 20mm Outer dia	metre	59.29		1.175	50.46	1.0936	55.18	****
8627	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 25mm Outer dia	metre	91.54		1.175	77.91	1.0936	85.20	****
8628	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 32mm Outer dia	metre	147.71		1.175	125.71	1.0936	137.48	****
8629	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 40mm Outer dia	metre	221.56		1.175	188.56	1.0936	206.21	****
8630	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 50mm Outer dia	metre	346.39		1.175	294.80	1.0936	322.39	****
8631	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 63mm Outer dia	metre	533.63		1.175	454.15	1.0936	496.66	****
8632	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 75mm Outer dia	metre	728.15		1.175	619.70	1.0936	677.71	****
8633	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 90mm Outer dia	metre	1108.87		1.175	943.72	1.0936	1032.05	****
8634	Poly propylene- Random - Co - Polymer (PPR) pipes SDR -11-110 mm Outer dia	metre	1248.25		1.175	1062.34	1.0936	1161.78	****
8635	Poly propylene- Random - Co - Polymer (PPR) pipes SDR-11 - 160mm Outer dia	metre	2600.52		1.175	2213.21	1.0936	2420.36	****
8636	Chlorinated Polyvinyl - chloride (CPVC) pipe 15 mm outer dia	metre	57.21	35.00	1.175	29.79	1.0936	32.58	*
8637	Chlorinated Polyvinyl - chloride (CPVC) pipe 20 mm outer dia	metre	70.74	54.00	1.175	45.96	1.0936	50.26	*
8638	Chlorinated Polyvinyl - chloride (CPVC) pipe 25 mm outer dia	metre	98.82	78.00	1.175	66.38	1.0936	72.60	*
8639	Chlorinated Polyvinyl - chloride (CPVC) pipe 32 mm outer dia	metre	135.22	117.00	1.175	99.57	1.0936	108.89	*
8640	Chlorinated Polyvinyl - chloride (CPVC) pipe 40 mm outer dia	metre	192.43	160.00	1.175	136.17	1.0936	148.92	*
8641	Chlorinated Polyvinyl - chloride (CPVC) pipe 50 mm outer dia	metre	312.07	268.00	1.175	228.09	1.0936	249.43	*
8642	Chlorinated Polyvinyl - chloride (CPVC) pipe 62.5 mm inner dia	metre	946.57	651.00	1.175	554.04	1.0936	605.90	*
8643	Chlorinated Polyvinyl - chloride (CPVC) pipe 75 mm inner dia	metre	1352.27	730.00	1.175	621.28	1.0936	679.43	*
8644	Chlorinated Polyvinyl - chloride (CPVC) pipe 100 mm inner dia	metre	1872.38	985.00	1.175	838.30	1.0936	916.76	*

Item No	Description	unit	Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
8645	Chlorinated Polyvinyl - chloride (CPVC) pipe 150 mm inner dia	metre	2236.45	1462.00	1.175	1244.26	1.0936	1360.72	*
8646	Silicon sealant	cartridge	319.34	100.00	1.175	85.11	1.0936	93.07	*
8647	Stainless steel screws 30mmx4mm	cent	30.16	32.00	1.175	27.23	1.0936	29.78	*
8648	Hermetically sealed double glazed unit made with 6mm thick clear float glass both side having 12 mm air gap	sqm	2382.07	2108.00	1.175	1794.04	1.0936	1961.96	*
8649	Stainless steel (ss 304 grade) adjustable friction windows stay 205x19mm	each	178.92	169.00	1.175	143.83	1.0936	157.29	*
8650	Stainless steel (ss 304 grade) adjustable friction window stay 255x19mm	each	223.65	219.00	1.175	186.38	1.0936	203.83	*
8651	Stainless steel (ss 304 grade) adjustable friction window stay 355x19mm	each	286.06	191.00	1.175	162.55	1.0936	177.77	*
8652	Stainless steel (ss 304 grade) adjustable friction window stay 510x19mm	each	509.70	515.00	1.175	438.30	1.0936	479.32	*
8653	Stainless steel (ss 304 grade) adjustable friction window stay 710x19mm	each	884.17	889.00	1.175	756.60	1.0936	827.41	*
8654	Masking tape	metre	2.60	2.30	1.175	1.96	1.0936	2.14	*
8655	Autoclaved aerated cement (AAC) blocks.	cum	2453.37	2101.20		2101.20		2101.20	**
8656	Gypsum panel 666x500x100 mm size	sqm	499.30	480.00	1.175	408.51	1.0936	446.75	*
8657	Bonding laster for gypsum panel	kg	57.21	21.00	1.175	17.87	1.0936	19.55	*
8658	Mechanised autoclaved fly ash lime bricks	1000 nos	4764.61		1.175	4054.99	1.0936	4434.53	****
8659	Water proof ply 12 mm thick.	sqm	676.14	517.00	1.175	440.00	1.0936	481.18	*
8660	Aluminium casement window fastener(anodised ac 15)	each	41.61	40.00	1.175	34.04	1.0936	37.23	*
8661	Aluminium casement window fastener(powder coated).	each	42.65	43.00	1.175	36.60	1.0936	40.02	*
8662	Aluminium casement window fastener (polyester powder coated).	each	41.61	42.00	1.175	35.74	1.0936	39.09	*
8663	Aluminium round shpe handle (anodised ac 15)	each	50.97	49.00	1.175	41.70	1.0936	45.61	*
8664	Aluminium round shpe handle (powder coated)	each	56.17	54.00	1.175	45.96	1.0936	50.26	*
8665	Aluminium round shape handle (polyester powder coated).	each	61.38	59.00	1.175	50.21	1.0936	54.91	*
8666	Stainless steel ocrews 25mmx4mm	cent	33.29	35.00	1.175	29.79	1.0936	32.58	*
8667	UV-stabilised 2 mm thick plain frp sheet.	sqm	483.70	470.00	1.175	400.00	1.0936	437.44	*
8668	UV stabilised 2 mm thick corrugated frp sheet.	sqm	559.64	540.00	1.175	459.57	1.0936	502.59	*
8669	Mangalore ridgetiles 20 mm thick	each	30.16	8.00	1.175	6.81	1.0936	7.45	*
8670	Mangalore tiles 20 mm thick.	each	10.92	8.00	1.175	6.81	1.0936	7.45	*
8671	Precoated galvanised iron rpfilesheet 0.50 mm tcl	sqm	452.49	375.00	1.175	319.15	1.0936	349.02	*
8672	Precoated galvanised steel plain ridges.	metre	457.69	230.00	1.175	195.74	1.0936	214.07	*
8673	Precoated galvanised steel flashings/aprons.	metre	457.69	230.00	1.175	195.74	1.0936	214.07	*
8674	Precoated galvanised steel gutter	metre	473.30	455.00	1.175	387.23	1.0936	423.48	*
8675	Precoated galvanised steel north light curves.	metre	473.30	250.00	1.175	212.77	1.0936	232.68	*
8676	Precoated galvanised steel barge board	metre	462.89	235.00	1.175	200.00	1.0936	218.72	*
8677	Precoated galvanised steel crimp curve	sqm	494.10	250.00	1.175	212.77	1.0936	232.68	*
8678	1 mm thick 35 mm wide bright finished stainless steel paino hinges.	metre	41.61	40.00	1.175	34.04	1.0936	37.23	*
8682	Epoxy Grout	kg	530.51	371.00	1.175	315.74	1.0936	345.30	*
8683	Red sand stone gang saw cut 30 mm thick.	sqm	478.49	350.00	1.175	297.87	1.0936	325.75	*
8684	White sand stone gang saw cut 30 mm thick.	sqm	499.30	400.00	1.175	340.43	1.0936	372.29	*
8685	Delineator	each	322.46	275.00	1.175	234.04	1.0936	255.95	*
8686	Precast c.c. kerb stone M-25	cum	4264.85	3800.00	1.175	3234.04	1.0936	3536.75	*
8687	Thermoplastic paint	kg	55.53	47.00	1.27	37.01	1.0936	40.47	*
8688	glass beads	kg	64.50	60.00	1.175	51.06	1.0936	55.84	*
8689	Interlocing c.c. paverblock (60 mm thick, m-30)	sqm	338.06	350.00	1.175	297.87	1.0936	325.75	*
8690	High intensity retro-reflective sheet.	sqm	1586.32	1625.00	1.175	1297.87	1.0936	1419.35	*
8691	Punched tape concertina coil 600 m dia, 10m openable length (total length 90 m)	bundle	780.15	875.00	1.175	674.47	1.0936	628.24	*

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1	2	3	4	5.00	6	7	8	9	10
8692	RBT reinforced barbed wire.	metre	9.36	7.00	1.175	5.96	1.0936	6.52	*
8693	Turn buckle and strengthening bolts	each set	41.61	40.00	1.175	34.04	1.0936	37.23	*
8694	Precast pavement slab 450x450x50 mm (m-30).	each	62.41	70.00	1.175	59.57	1.0936	65.15	*
8695	Chain link fabric fencing mesh of size 50x50xmm made of G.I wire of dia. 4mm, pvc coated to outer dia. 5mm.	sqm	268.37	258.00	1.175	219.57	1.0936	240.13	*
8696	Chain link fabric fencing mesh of size 25x25xmm made of G.I wireof dia. 3 mm.	sqm	296.46	285.00	1.175	242.55	1.0936	265.26	*
8697	Chain link fencing mesh of size 25x25 mm made of g.i. wire of dia. 3 mm.	sqm	353.68	340.00	1.175	289.36	1.0936	316.45	*
8698	Stainless steel cramps with nuts, bolts and washer for dry stone cladding.	each	93.62	90.00	1.175	76.60	1.0936	83.77	*
8699	8 mm thick tapered edge calcium silicated board.	sqm	382.79	250.00	1.175	212.77	1.0936	232.68	*
8700	10 mm thick calcium silicate board.	sqm	405.68	400.00	1.175	340.43	1.0936	372.29	*
8701	SS pipe 304 grades with press fit technology as per JIS 3448 standard 48.60 mm outer dia	metre	707.34	584.00	1.175	497.02	1.0936	543.54	*
8702	Coupling/Socket fittings for 15.88 mm outer dia SS pipe	each	59.29	42.00	1.175	35.74	1.0936	39.09	*
8703	Telescopic drawer channels 300 mm long.	set	145.63	150.00	1.175	127.66	1.0936	139.61	*
8704	Stainless steel roller for sliding arrangement in racks/cupboards/cabinets shutter.	each	8.32	9.00	1.175	7.66	1.0936	8.38	*
8705	50 mm x42mm x2 mm thick factory made door frame of pvc extruded sections in whiter, grey or wooden finish	metre	145.63	150.00	1.175	127.66	1.0936	139.61	*
8706	25mm thick factory made pvc flush door shutter i/c carriage.	sqm	2236.45	1700.00	1.175	1446.81	1.0936	1582.23	*
8707	Factory made glass reinforced plastic door frame 90x45 mm i/c carriage.	metre	395.27	330.00	1.175	280.85	1.0936	307.14	*
8708	30 mm thick factory made glass fiber reinforced plastic panel door shutter i/c carriage	sqm	1924.39	1700.00	1.175	1446.81	1.0936	1582.23	*
8709	30 mm thick factory made solid PVC profile panelled door single piece extruded profile decorative finish (wood grain printed on both side)	sqm	2756.55	2100.00	1.175	1787.23	1.0936	1954.52	*
8710	Factory made solid PVC door frame 60x30xmm i/c carriage.	metre	301.66	300.00	1.175	255.32	1.0936	279.22	*
8711	28 mm factory made solid pvc panel door shutter i/c carriage.	sqm	2340.46	2050.00	1.175	1744.68	1.0936	1907.98	*
8712	30 mm thick factory made solid PVC profile panelled door single piece extruded profile non decorative finish	sqm	2192.76	2000.00	1.175	1702.13	1.0936	1861.45	*
8713	Fiber glass reinforced plastic chajja.	sqm	3744.75	3000.00	1.175	2553.19	1.0936	2792.17	*
8714	Magnetic catcher triple strip horizontal type.	each	20.80	20.00	1.175	17.02	1.0936	18.61	*
8715	Magnetic catcher double strip horizontal type.	each	15.60	14.00	1.175	11.91	1.0936	13.03	*
8716	100 mm mortice lock with 8 levers for aluminium door.	each	343.27	340.00	1.175	289.36	1.0936	316.45	*
8717	12.5 mm thick glass fibre reinforced gypsum board.	sqm	176.83	195.00	1.175	165.96	1.0936	181.49	*
8719	2nd class teak wood lipping/moulded beading or taj beading of size,18x5mm	metre	31.20	35.00	1.175	29.79	1.0936	32.58	*
8720	Ceilling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm.	metre	41.61	35.00	1.175	29.79	1.0936	32.58	*
8721	Perimeter channel having one flange of 20 mm and anotherflange of 30 mm with thickness of 0.55 mm and web of length 27 mm.	metre	26.01	22.00	1.175	18.72	1.0936	20.48	*
8722	Nylon sleeves & wooden screws (40mm)	each	2.08	2.00	1.175	1.70	1.0936	1.86	*
8723	Counter sunk ribbed head screw 25 mm.	cent	78.01	65.00	1.175	55.32	1.0936	60.50	*
8724	12 mm thick marine plywood conforming to is: 710	sqm	884.17	667.00	1.175	567.66	1.0936	620.79	*
8725	12 mm thick fire retardant plywood conforming to is:5509.	sqm	915.39	800.00	1.175	680.85	1.0936	744.58	*
8726	1.5 mm thick decorative laminated sheet	sqm	509.70	500.00	1.175	425.53	1.0936	465.36	*
8727	1.0 mm thick decorative laminated sheet	sqm	395.27	250.00	1.175	212.77	1.0936	232.68	*
8730	30 mm thick factory made glass fibre reinforced plastic flush door shutter i/c carriage.	sqm	2236.45	2000.00	1.175	1702.13	1.0936	1861.45	*
8731	High polymer modified quickset tile adhesive.	per kg	17.68	9.00	1.175	7.66	1.0936	8.38	*
8732	Synthetic ployster triangular fibre of length 12 mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40	kg	379.67	335.00	1.175	310.64	1.0936	339.71	*
8733	Synthetic ployster triangular fibre of length 6 mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40	kg	379.67	400.00	1.175	340.43	1.0936	372.29	*

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1	2	3	4	5.00	6	7	8	9	10
8734	P.V.C. Single piece extruded door frame of profile size 50 mm x 47 mm with wall thickness of 5 mm	metre	364.07	247.00	1.175	210.21	1.0936	229.89	*
8735	35 mm thick factory made solid panel PVC door shutter of single piece extruded profile non decorative finished (Matt finished)	sqm	2184.44	2150.00	1.175	1829.79	1.0936	2001.06	*
8736	35 mm thick factory made solid panel PVC door shutter of singlepiece extruded profile decorative finished (Wood grain	sqm	2704.54	2600.00	1.175	2212.77	1.0936	2419.88	*
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	863.37	650.00	1.175	553.19	1.0936	604.97	*
8738	Factory made door frame fire rated (60 minutes) made with 16 SWG G.I. Sheet of section 143 mm x 57 mm duly filled with	metre	1040.21	1050.00	1.175	893.62	1.0936	977.26	*
8739	Fire rated door shuttere made with 16 SWG G.I. sheet (60 minutes) without panel	sqm	5461.09	4500.00	1.175	3829.79	1.0936	4188.26	*
8740	Fire seal Putty	kg	728.15	280.00	1.175	238.30	1.0936	260.60	*
8741	Clear fire resistant glass panes 6mm thick (60 minutes)	sqm	21844.37	21500.00	1.175	18297.87	1.0936	20010.55	*
8742	G.I. U beading of 16 SWG G.I. sheet (zinc coating >120gm/m2) with ceramic tape of suitable thickness and fire resistant primer	metre	270.46	280.00	1.175	238.30	1.0936	260.60	*
8743	Matrix Mineral Board	metre	67.82	65.00	1.175	55.32	1.0936	60.50	*
8744	Panic Bar / latch (Double point)	each	5201.04	5200.00	1.175	4425.53	1.0936	4839.76	*
8745	65 mm x 55 mm x 2 mm thick Factory made door frame of PVCextruded section in white,grey or wooden finish	metre	343.27	340.00	1.175	289.36	1.0936	316.45	*
8746	37 mm thick Factory made shutter with style,rails and panels of PVCextruded section in white or grey finish i/c carriage	sqm	2444.49	2400.00	1.175	2042.55	1.0936	2233.74	*
8747	75 mm x 53 mm x 2.0 mm thick Factory made door frame of PVCextruded section in white,grey or wooden finish	metre	364.07	380.00	1.175	323.40	1.0936	353.67	*
8748	37 mm thick Factory made fusion welded shutter with style, rails and panels of PVC extruded section in wooden finish	sqm	2548.51	2600.00	1.175	2212.77	1.0936	2419.88	*
8750	Zinc alloy (white powder coated) casement handle for uPVC windows	each	166.44	122.00	1.175	103.83	1.0936	113.55	*
8751	Zinc alloy (white powder coated) Touch Lock for UPVC windows	each	114.42	100.00	1.175	85.11	1.0936	93.07	*
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	52.01	55.00	1.175	46.81	1.0936	51.19	*
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding	each	88.42	90.00	1.175	76.60	1.0936	83.77	*
8754	Zinc alloy (white powder coated) casement lock for UPVC windows	each	104.02	110.00	1.175	93.62	1.0936	102.38	*
8755	Stainless steel friction hinge of size 200 mm x 19 x 1.9 mm for UPVC windows	each	239.25	195.00	1.175	165.96	1.0936	181.49	*
8756	Stainless steel friction hinge of size 250 mm x 19 x 1.9 mm for UPVC windows	each	301.66	220.00	1.175	187.23	1.0936	204.76	*
8757	Stainless steel friction hinge of size3000 mm x 19 x 1.9 mm for UPVC windows	each	384.88	235.00	1.175	200.00	1.0936	218.72	*
8758	Stainless steel friction hinge of size350mm x 19 x 1.9 mm for UPVC windows	each	436.88	320.00	1.175	272.34	1.0936	297.83	*
8759	Stainless steel friction hinge of size 400 mm x 19 x 1.9 mm for UPVC windows	each	551.31	350.00	1.175	297.87	1.0936	325.75	*
8760	UPVC extruded profile casement window Frame (50 mm x 50 mm)	metre	171.64		1.175	146.08	1.0936	159.75	****
8761	UPVC extruded profile casement window sash (Style and Rail) (62 mm x34 mm)	metre	156.03		1.175	132.79	1.0936	145.22	****
8762	UPVC extruded profile casement window mullion (intermediate section)(66 mm x 50 mm)	metre	192.43		1.175	163.77	1.0936	179.10	****
8763	UPVC extruded profile casement window 'T' profile (one vertical lengthin between two shutters) (24 mm x 34.5 mm)	metre	52.01		1.175	44.26	1.0936	48.41	****
8764	UPVC extruded profile casement window glazing bead (12 mm x 18mmm)	metre	52.01		1.175	44.26	1.0936	48.41	****
8765	UPVC extruded profile casement window Frame (67 mm x 62 mm)	metre	244.45		1.175	208.04	1.0936	227.52	****
8766	UPVC extruded profile casement Window Sash/Mullion (67 mm x 75mmm) (Style,rail and intermediate section)	metre	275.65		1.175	234.60	1.0936	256.55	****

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1	2	3	4	5.00	6	7	8	9	10
8767	UPVC extruded profile casement window glazing bead (35 mm x 18mm)	metre	88.42		1.175	75.25	1.0936	82.29	****
8768	UPVC extruded profile Two Track Sliding frame (67 mm x 52 mm)	metre	254.85		1.175	216.89	1.0936	237.19	****
8769	UPVC extruded profile Sliding window Sash (60 mm x 44 mm)	metre	239.25		1.175	203.62	1.0936	222.68	****
8770	UPVC extruded profile Sliding Interlock for Window (one vertical lengthin each shutter) (45.5 mm x 28 mm)	metre	52.01		1.175	44.26	1.0936	48.41	****
8771	UPVC extruded profile Sliding Door Sash (80 mm x 44 mm)	metre	301.66		1.175	256.73	1.0936	280.76	****
8772	Aluminium Track on bottom rail for uPVC window	metre	26.01	28.00	1.175	23.83	1.0936	26.06	*
8773	Wool Pine for uPVC window	metre	18.72	20.00	1.175	17.02	1.0936	18.61	*
8774	Aluminium Grill	metre	260.05	250.00	1.175	212.77	1.0936	232.68	*
8775	Steel Galvanised tubular reinforcement for uPVC door/ window	metre	52.01	60.00	1.175	51.06	1.0936	55.84	*
8776	Stainless steel dash fastener of 8 mm dia and 75 mm long bolt	each	20.80	14.00	1.175	11.91	1.0936	13.03	*
8777	GI Fastener 100x8 mm	each		15.00	1.175	12.77	1.0936	13.96	
8778	Toughened glass 12 mm thickness	sqm	1976.39	1747.00	1.175	1486.81	1.0936	1625.97	*
8779	SS pipe 304 grades with press fit technology as per JIS 3448 standard 15.88 mm outer dia	metre	149.79	142.00	1.175	120.85	1.0936	132.16	*
8780	SS pipe 304 grades with press fit technology as per JIS 3448 standard 22.22 mm outer dia	metre	264.22	254.00	1.175	216.17	1.0936	236.40	*
8781	SS pipe 304 grades with press fit technology as per JIS 3448 standard 28.58 mm outer dia	metre	343.27	324.00	1.175	275.74	1.0936	301.55	*
8782	SS pipe 304 grades with press fit technology as per JIS 3448 standard 34.00 mm outer dia	metre	486.82	462.00	1.175	393.19	1.0936	429.99	*
8783	SS pipe 304 grades with press fit technology as per JIS 3448 standard 42.70 mm outer dia	metre	605.40	479.00	1.175	407.66	1.0936	445.82	*
8784	8 mm thick Calcium silicate perforated tiles of size 595 x595 mm	sqm	715.66	690.00	1.175	587.23	1.0936	642.20	*
8785	Interlocking C.C. paver block (80 mm thick, M-30)	sqm		370.00	1.175	314.89	1.0936	344.37	*
8786	Coupling/Socket fittings for 22.22 mm outer dia SS pipe	each	91.54	63.00	1.175	53.62	1.0936	58.64	*
8787	Coupling/Socket fittings for 28.58 mm outer dia SS pipe	each	112.35	89.00	1.175	75.74	1.0936	82.83	*
8788	Coupling/Socket fittings for 34.00 mm outer dia SS pipe	each	240.29	131.00	1.175	111.49	1.0936	121.92	*
8789	Coupling/Socket fittings for 42.70 mm outer dia SS pipe	each	343.27	158.00	1.175	134.47	1.0936	147.05	*
8790	Coupling/Socket fittings for 48.60 mm outer dia SS pipe	each	463.93	180.00	1.175	153.19	1.0936	167.53	*
8791	Reducer for 22.22 mm X 15.88 mm outer Dia SS pipe	each	107.14	103.00	1.175	87.66	1.0936	95.86	*
8792	Reducer for 28.58 mm X 15.88 mm outer Dia SS pipe	each	146.67	141.00	1.175	120.00	1.0936	131.23	*
8793	Reducer for 28.58 mm X 22.22 mm outer Dia SS pipe	each	150.83	145.00	1.175	123.40	1.0936	134.95	*
8794	Reducer for 34.00 mm X 15.88 mm outer Dia SS pipe	each	226.82	184.00	1.175	156.60	1.0936	171.25	*
8795	Reducer for 34.00 mm X 22.22 mm outer Dia SS pipe	each	246.53	187.00	1.175	159.15	1.0936	174.05	*
8796	Reducer for 34.00 mm X 28.58 mm outer Dia SS pipe	each	246.53	190.00	1.175	161.70	1.0936	176.84	*
8797	Reducer for 42.70 mm X 15.88 mm outer Dia SS pipe	each	373.43	359.00	1.175	305.53	1.0936	334.13	*
8798	Reducer for 42.70 mm X 22.22 mm outer Dia SS pipe	each	376.55	362.00	1.175	308.09	1.0936	336.82	*

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1	2	3	4	5.00	6	7	8	9	10
8799	Reducer for 42.70 mm X 28.58 mm outer Dia SS pipe	each	378.55	362.00	1.175	308.09	1.0936	336.92	*
8800	Reducer for 42.70 mm X 34.00 mm outer Dia SS pipe	each	402.56	387.00	1.175	329.36	1.0936	360.19	*
8801	Reducer for 48.60 mm X 15.88 mm outer Dia SS pipe	each	486.82	410.00	1.175	348.94	1.0936	381.60	*
8802	Reducer for 48.60 mm X 22.22 mm outer Dia SS pipe	each	488.90	410.00	1.175	348.94	1.0936	381.60	*
8803	Reducer for 48.60 mm X 28.58 mm outer Dia SS pipe	each	493.06	410.00	1.175	348.94	1.0936	381.60	*
8804	Reducer for 48.60 mm X 34.00 mm outer Dia SS pipe	each	498.26	410.00	1.175	348.94	1.0936	381.60	*
8805	Reducer for48.60 mm X 42.70 mm outer Dia SS pipe	each	542.99	410.00	1.175	348.94	1.0936	381.60	*
8806	Slip Coupling / Socket 15.88 mm outer dia SS pipe	each	117.54	47.00	1.175	40.00	1.0936	43.74	*
8807	Slip Coupling / Socket 22.22 mm outer dia SS pipe	each	191.40	63.00	1.175	53.62	1.0936	58.64	*
8808	Slip Coupling / Socket 28.58 mm outer dia SS pipe	each	245.49	89.00	1.175	75.74	1.0936	82.83	*
8809	Slip Coupling / Socket 34.00 mm outer dia SS pipe	each	363.04	131.00	1.175	111.49	1.0936	121.92	*
8810	Slip Coupling / Socket 42.70 mm outer dia SS pipe	each	509.70	158.00	1.175	134.47	1.0936	147.05	*
8811	Slip Coupling / Socket 48.60 mm outer dia SS pipe	each	633.48	170.00	1.175	144.68	1.0936	158.22	*
8812	Elbow 90o for 15.88 mm outer dia SS pipe	each	89.46	58.00	1.175	49.36	1.0936	53.98	*
8813	Elbow 90o for 22.22 mm outer dia SS pipe	each	159.15	63.00	1.175	53.62	1.0936	58.64	*
8814	Elbow 90o for 28.58 mm outer dia SS pipe	each	219.49	96.00	1.175	81.70	1.0936	89.35	*
8815	Elbow 90o for 34.00 mm outer dia SS pipe	each	446.25	109.00	1.175	92.77	1.0936	101.45	*
8816	Elbow 90o for 42.70 mm outer dia SS pipe	each	683.42	116.00	1.175	98.72	1.0936	107.98	*
8817	Elbow 90o for 48.60 mm outer dia SS pipe	each	840.49	150.00	1.175	127.66	1.0936	139.61	*
8818	Reducing Elbow 90o for 22.22 mm X 15.88 mm outer dia SS pipe	each	153.95	148.00	1.175	125.96	1.0936	137.75	*
8819	Reducing Elbow 90o for 28.58 mm X 15.88 mm outer dia SS pipe	each	224.68	191.00	1.175	162.55	1.0936	177.77	*
8820	Reducing Elbow 90o for 28.58 mm X 22.22 mm outer dia SS pipe	each	229.89	221.00	1.175	188.09	1.0936	205.69	*
8821	Reducing Elbow 90o for 34.00 mm X 22.22 mm outer dia SS pipe	each	333.91	287.00	1.175	244.26	1.0936	267.12	*
8822	Reducing Elbow 90o for 34.00 mm X 28.58 mm outer dia SS pipe	each	411.92	396.00	1.175	337.02	1.0936	368.57	*
8823	Reducing Elbow 90o for 42.70 mm X 34.00 mm outer dia SS pipe	each	726.06	179.00	1.175	152.34	1.0936	166.60	*
8824	Equal Tee for 15.88 mm outer dia SS pipe	each	165.39	159.00	1.175	135.32	1.0936	147.99	*
8825	Equal Tee for 22.22 mm outer dia SS pipe	each	240.29	231.00	1.175	196.60	1.0936	215.00	*
8826	Equal Tee for 28.58 mm outer dia SS pipe	each	307.90	273.00	1.175	232.34	1.0936	254.09	*
8827	Equal Tee for 34.00 mm outer dia SS pipe	each	641.81	437.00	1.175	371.91	1.0936	406.73	*
8828	Equal Tee for 42.70 mm outer dia SS pipe	each	898.74	683.00	1.175	581.28	1.0936	635.68	*
8829	Equal Tee for 48.60 mm outer dia SS pipe	each	1069.33	887.00	1.175	754.89	1.0936	825.55	*
8830	Reducing Tee for 22.22 mm X 15.88 mm outer dia SS pipe	each	234.04	179.00	1.175	152.34	1.0936	166.60	*

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1	2	3	4	5.00	6	7	8	9	10
8831	Reducing Tee for 28.58 mm X 15.88 mm outer dia SS pipe	each	291.26	273.00	1.175	232.34	1.0936	254.09	*
8832	Reducing Tee for 28.58 mm X 22.22 mm outer dia SS pipe	each	302.70	273.00	1.175	232.34	1.0936	254.09	*
8833	Reducing Tee for 34.00 mm X 15.88 mm outer dia SS pipe	each	570.03	437.00	1.175	371.91	1.0936	406.73	*
8834	Reducing Tee for 34.00 mm X 22.22 mm outer dia SS pipe	each	580.44	437.00	1.175	371.91	1.0936	406.73	*
8835	Reducing Tee for 34.00 mm X 28.58 mm outer dia SS pipe	each	586.68	437.00	1.175	371.91	1.0936	406.73	*
8836	Reducing Tee for 42.70 mm X 15.88 mm outer dia SS pipe	each	851.01	683.00	1.175	581.28	1.0936	635.68	*
8837	Reducing Tee for 42.70 mm X 22.22 mm outer dia SS pipe	each	854.01	683.00	1.175	581.28	1.0936	635.68	*
8838	Reducing Tee for 42.70 mm X 28.58 mm outer dia SS pipe	each	855.06	683.00	1.175	581.28	1.0936	635.68	*
8839	Reducing Tee for 42.70 mm X 34.00 mm outer dia SS pipe	each	863.37	683.00	1.175	581.28	1.0936	635.68	*
8840	Reducing Tee for 48.60 mm X 15.88 mm outer dia SS pipe	each	929.95	887.00	1.175	754.89	1.0936	825.55	*
8841	Reducing Tee for 48.60 mm X 22.22 mm outer dia SS pipe	each	949.71	887.00	1.175	754.89	1.0936	825.55	*
8842	Reducing Tee for 48.60 mm X 28.58 mm outer dia SS pipe	each	956.99	887.00	1.175	754.89	1.0936	825.55	*
8843	Reducing Tee for 48.60mm X 34.00 mm outer dia SS pipe	each	996.52	887.00	1.175	754.89	1.0936	825.55	*
8844	Reducing Tee for 48.60mm X 42.70mm outer dia SS pipe	each	1032.92	887.00	1.175	754.89	1.0936	825.55	*
8845	Male thread Tee for 15.88 mm outer dia X 15 mm nominal dia threaded	each	297.50	179.00	1.175	152.34	1.0936	166.60	*
8846	Male thread Tee for 22.22 mm outer dia X 15 mm nominal dia threaded	each	357.83	200.00	1.175	170.21	1.0936	186.14	*
8847	Male thread Tee for 22.22 mm outer dia X 20 mm nominal dia threaded	each	382.79	205.00	1.175	174.47	1.0936	190.80	*
8848	Male thread Tee for 28.58 mm outer dia X 15 mm nominal dia threaded	each	430.64	273.00	1.175	232.34	1.0936	254.09	*
8849	Male thread Tee for 28.58 mm outer dia X 20 mm nominal dia threaded	each	449.37	273.00	1.175	232.34	1.0936	254.09	*
8850	Male thread Tee for 28.58 mm outer dia X 20 mm nominal dia threaded	each	502.42	273.00	1.175	232.34	1.0936	254.09	*
8851	Male thread Tee for 34.00 mm outer dia X 15 mm nominal dia	each	626.21	437.00	1.175	371.91	1.0936	406.73	*
8852	Male thread Tee for 34.00 mm outer dia X 20 mm nominal dia threaded	each	677.18	437.00	1.175	371.91	1.0936	406.73	*
8853	Male thread Tee for 34.00 mm outer dia X 25 mm nominal dia threaded	each	808.24	437.00	1.175	371.91	1.0936	406.73	*
8854	Male thread Tee for 34.00 mm outer dia X 32 mm nominal dia threaded	each	1020.44	437.00	1.175	371.91	1.0936	406.73	*
8855	Male thread Tee for 42.70 mm outer dia X 15 mm nominal dia threaded	each	955.95	683.00	1.175	581.28	1.0936	635.68	*
8856	Male thread Tee for 42.70 mm outer dia X 20 mm nominal dia threaded	each	978.84	683.00	1.175	581.28	1.0936	635.68	*
8857	Male thread Tee for 42.70 mm outer dia X 25 mm nominal dia threaded	each	1065.17	683.00	1.175	581.28	1.0936	635.68	*
8858	Male thread Tee for 42.70 mm outer dia X 32 mm nominal dia threaded	each	1182.71	683.00	1.175	581.28	1.0936	635.68	*
8859	Male thread Tee for 42.70 mm outer dia X 40 mm nominal dia threaded	each	1436.52	683.00	1.175	581.28	1.0936	635.68	*
8860	Male thread Tee for 48.60 mm outer dia X 15 mm nominal dia threaded	each	1040.21	887.00	1.175	754.89	1.0936	825.55	*
8861	Male thread Tee for 48.60 mm outer dia X 20 mm nominal dia threaded	each	1071.41	887.00	1.175	754.89	1.0936	825.55	*
8862	Male thread Tee for 48.60 mm outer dia X 25 mm nominal dia threaded	each	1117.18	887.00	1.175	754.89	1.0936	825.55	*

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1	2	3	4	5.00	6	7	8	9	10
8863	Male thread Tee for 48.60 mm outer dia X 32 mm nominal dia threaded	each	1341.87	887.00	1.175	754.89	1.0936	825.55	*
8864	Male thread Tee for 48.60 mm outer dia X 40 mm nominal dia threaded	each	1488.54	887.00	1.175	754.89	1.0936	825.55	*
8865	Male thread Tee for 48.60 mm outer dia X 50 mm nominal dia threaded	each	1819.33	887.00	1.175	754.89	1.0936	825.55	*
8866	Female thread Tee for 15.88 mm outer dia X 15 mm nominal dia threaded	each	303.74	179.00	1.175	152.34	1.0936	166.60	*
8867	Female thread Tee for 22.22 mm outer dia X 15 mm nominal dia	each	357.83	200.00	1.175	170.21	1.0936	186.14	*
8868	Female thread Tee for 22.22 mm outer dia X 20 mm nominal dia threaded	each	370.31	200.00	1.175	170.21	1.0936	186.14	*
8869	Female thread Tee for 28.58 mm outer dia X 15 mm nominal dia threaded	each	462.89	273.00	1.175	232.34	1.0936	254.09	*
8870	Female thread Tee for 28.58 mm outer dia X 20 mm nominal dia threaded	each	473.30	273.00	1.175	232.34	1.0936	254.09	*
8871	Female thread Tee for 28.58 mm outer dia X 25 mm nominal dia threaded	each	518.03	273.00	1.175	232.34	1.0936	254.09	*
8872	Female thread Tee for 34.00 mm outer dia X 15 mm nominal dia threaded	each	694.86	437.00	1.175	371.91	1.0936	406.73	*
8873	Female thread Tee for 34.00 mm outer dia X 20 mm nominal dia threaded	each	706.30	437.00	1.175	371.91	1.0936	406.73	*
8874	Female thread Tee for 34.00 mm outer dia X 25 mm nominal dia threaded	each	796.80	437.00	1.175	371.91	1.0936	406.73	*
8875	Female thread Tee for 34.00 mm outer dia X 32 mm nominal dia threaded	each	946.59	437.00	1.175	371.91	1.0936	406.73	*
8876	Female thread Tee for 42.70 mm outer dia X 15 mm nominal dia threaded	each	929.95	683.00	1.175	581.28	1.0936	635.68	*
8877	Female thread Tee for 42.70 mm outer dia X 20 mm nominal dia threaded	each	946.59	683.00	1.175	581.28	1.0936	635.68	*
8878	Female thread Tee for 42.70 mm outer dia X 25 mm nominal dia threaded	each	1063.09	683.00	1.175	581.28	1.0936	635.68	*
8879	Female thread Tee for 42.70 mm outer dia X 32 mm nominal dia threaded	each	1109.90	683.00	1.175	581.28	1.0936	635.68	*
8880	Female thread Tee for 42.70 mm outer dia X 40 mm nominal dia threaded	each	1208.72	683.00	1.175	581.28	1.0936	635.68	*
8881	Female thread Tee for 48.60 mm outer dia X 15 mm nominal dia threaded	each	1107.82	887.00	1.175	754.89	1.0936	825.55	*
8882	Female thread Tee for 48.60 mm outer dia X 20 mm nominal dia threaded	each	1119.26	887.00	1.175	754.89	1.0936	825.55	*
8883	Female thread Tee for 48.60 mm outer dia X 25 mm nominal dia threaded	each	1159.83	887.00	1.175	754.89	1.0936	825.55	*
8884	Female thread Tee for 48.60 mm outer dia X 32 mm nominal dia threaded	each	1231.61	887.00	1.175	754.89	1.0936	825.55	*
8885	Female thread Tee for 48.60 mm outer dia X 40 mm nominal dia threaded	each	1282.58	887.00	1.175	754.89	1.0936	825.55	*
8886	Female thread Tee for 48.60 mm outer dia X 50 mm nominal dia threaded	each	1420.92	887.00	1.175	754.89	1.0936	825.55	*
8887	Female threaded Connector/Adapter for 15.88 mm outer dia X 15mm nominal threaded	each	197.64	190.00	1.175	161.70	1.0936	176.84	*
8888	Female threaded Connector/Adapter for 22.22 mm outer dia X 15mm nominal threaded	each	239.25	230.00	1.175	195.74	1.0936	214.07	*
8889	Female threaded Connector/Adapter for 22.22 mm outer dia X 20mm nominal threaded	each	248.53	237.00	1.175	201.70	1.0936	220.58	*
8890	Female threaded Connector/Adapter for 28.58 mm outer dia X 15mm nominal threaded	each	288.14	277.00	1.175	235.74	1.0936	257.81	*
8891	Female threaded Connector/Adapter for 28.58 mm outer dia X 20mm nominal threaded	each	297.50	286.00	1.175	243.40	1.0936	266.19	*
8892	Female threaded Connector/Adapter for 28.58 mm outer dia X 25mm nominal threaded	each	350.55	337.00	1.175	286.81	1.0936	313.65	*
8893	Female threaded Connector/Adapter for 34.00 mm outer dia X 25mm nominal threaded	each	425.45	409.00	1.175	348.09	1.0936	380.67	*
8894	Female threaded Connector/Adapter for 34.00 mm outer dia X 32mm nominal threaded	each	559.64	538.00	1.175	457.87	1.0936	500.73	*

Item No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due Increase in WPI from April 2016 to June 2018[1+(119.2-109.0)/109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
8895	Female threaded Connector/Adapter for 42.70 mm outer dia X 32mm nominal threaded	each	599.16	576.00	1.175	490.21	1.0936	536.10	*
8896	Female threaded Connector/Adapter for 42.70 mm outer dia X 40mm nominal threaded	each	708.38	681.00	1.175	579.57	1.0936	633.82	*
8897	Female threaded Connector/Adapter for 48.60 mm outer dia X 40mm nominal threaded	each	871.69	838.00	1.175	713.19	1.0936	779.95	*
8898	Female threaded Connector/Adapter for 48.60 mm outer dia X 50mm nominal threaded	each	1003.80	965.00	1.175	821.28	1.0936	898.15	*
8899	Male threaded Connector/Adapter for 15.88 mm outer dia X 15mm nominal threaded	each	200.76	193.00	1.175	164.26	1.0936	179.63	*
8900	Male threaded Connector/Adapter for 22.22 mm outer dia X 15mm nominal threaded	each	236.13	227.00	1.175	193.19	1.0936	211.27	*
8901	Male threaded Connector/Adapter for 22.22 mm outer dia X 20mm nominal threaded	each	257.97	248.00	1.175	211.06	1.0936	230.82	*
8902	Male threaded Connector/Adapter for 28.58 mm outer dia X 20mm nominal threaded	each	325.58	313.00	1.175	266.38	1.0936	291.32	*
8903	Male threaded Connector/Adapter for 28.58 mm outer dia X 25mm nominal threaded	each	332.87	320.00	1.175	272.34	1.0936	297.83	*
8904	Male threaded Connector/Adapter for 34.00 mm outer dia X 25nominal dia threaded	each	479.54	461.00	1.175	392.34	1.0936	429.06	*
8905	Male threaded Connector/Adapter for 34.00 mm outer dia X 32nominal dia threaded	each	587.72	565.00	1.175	480.85	1.0936	525.86	*
8906	Male threaded Connector/Adapter for 42.70 mm outer dia X 32nominal dia threaded	each	675.09	649.00	1.175	552.34	1.0936	604.04	*
8907	Male threaded Connector/Adapter for 42.70 mm outer dia X 40 nominal dia threaded	each	755.19	726.00	1.175	617.87	1.0936	675.71	*
8908	Male threaded Connector/Adapter for 48.60 mm outer dia X 40	each	873.78	840.00	1.175	714.89	1.0936	781.81	*
8909	Male threaded Connector/Adapter for 48.60 mm outer dia X 50 nominal dia threaded	each	1183.76	1138.00	1.175	968.51	1.0936	1059.16	*
3910	Valve Connector for 15.88 mm outer dia X 15 mm nominal dia nominal dia threaded	each	243.41	234.00	1.175	199.15	1.0936	217.79	*
3911	Valve Connector for 22.22 mm outer dia X 15 mm nominal dia nominal dia threaded	each	287.10	276.00	1.175	234.89	1.0936	256.88	*
3912	Valve Connector for 22.22 mm outer dia X 20 mm nominal dia nominal dia threaded	each	306.86	295.00	1.175	251.06	1.0936	274.56	*
3913	Valve Connector for 28.58 mm outer dia X 25 mm nominal dia nominal dia threaded	each	441.05	424.00	1.175	360.85	1.0936	394.63	*
3914	Valve Connector for 34.00 mm outer dia X 32 mm nominal dia nominal dia threaded	each	654.29	629.00	1.175	535.32	1.0936	585.43	*
3915	Valve Connector for 42.70 mm outer dia X 40 mm nominal dia nominal dia threaded	each	910.18	875.00	1.175	744.68	1.0936	814.38	*
3916	Valve Connector for 48.60 mm outer dia X 50 mm nominal dia nominal dia threaded	each	1223.28	1176.00	1.175	1000.85	1.0936	1094.53	*
3917	Female Threaded Elbow 90o for 15.88 mm outer dia X 15 mm nominal dia threaded	each	213.24	150.00	1.175	127.66	1.0936	139.61	*
3918	Female Threaded Elbow 90o for 22.22 mm outer dia X 15 mm nominal dia threaded	each	286.06	191.00	1.175	162.55	1.0936	177.77	*
3919	Female Threaded Elbow 90o for 22.22 mm outer dia X 20 mm nominal dia threaded	each	295.42	191.00	1.175	162.55	1.0936	177.77	*
3920	Female Threaded Elbow 90o for 28.58 mm outer dia X 25 mm nominal dia threaded	each	437.93	205.00	1.175	174.47	1.0936	190.80	*
3921	Female Threaded Elbow 90o for 34.00 mm outer dia X 32 mm nominal dia threaded	each	762.48	287.00	1.175	244.26	1.0936	267.12	*
3922	Female Threaded Elbow 90o for 42.70 m m outer dia X 32 mm nominal dia threaded	each	956.99	478.00	1.175	406.81	1.0936	444.89	*
3923	Female Threaded Elbow 90o for 42.70 m m outer dia X40 mm nominal dia threaded	each	1035.01	478.00	1.175	406.81	1.0936	444.89	*
3924	Female Threaded Elbow 90o for 48.60 m m outer dia X 40 mm nominal dia threaded	each	1147.35	683.00	1.175	581.28	1.0936	635.68	*
3925	Female Threaded Elbow 90o for 48.60 m m outer dia X 50 mm nominal dia threaded	each	1337.70	683.00	1.175	581.28	1.0936	635.68	*
3926	Male Threaded Elbow 90o for 15.88 mm outer dia X 15 mm nominal dia threaded	each	224.69	191.00	1.175	162.55	1.0936	177.77	*

Order No	Description	Unit	Precent Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due Increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
8927	Male Threaded Elbow 90o for 22.22 mm outer dia X 15 mm nominal dia threaded	each	283.98	205.00	1.175	174.47	1.0936	190.80	*
8928	Male Threaded Elbow 90o for 22.22 mm outer dia X 20 mm nominal dia threaded	each	299.58	205.00	1.175	174.47	1.0936	190.80	*
8929	Male Threaded Elbow 90o for 28.58 mm outer dia X 25 mm nominal dia threaded	each	392.15	205.00	1.175	174.47	1.0936	190.80	*
8930	MaleThreaded Elbow 90o for 34.00 mm outer dia X 25 mm nominal dia threaded	each	629.33	287.00	1.175	244.26	1.0936	267.12	*
8931	Male Threaded Elbow 90o for 34.00 mm outer dia X 32 mm nominal dia threaded	each	765.60	287.00	1.175	244.26	1.0936	267.12	*
8932	Male Threaded Elbow 90o for 42.70 mm outer dia X 32 mm nominal dia threaded	each	971.56	478.00	1.175	406.81	1.0936	444.89	*
8933	Male Threaded Elbow 90o for 42.70 mm outer dia X40 mm nominal dia threaded	each	1102.63	478.00	1.175	406.81	1.0936	444.89	*
8934	Male Threaded Elbow 90o for 48.60 mm outer dia X 40 mm nominal dia threaded	each	1237.85	683.00	1.175	581.28	1.0936	635.68	*
8935	Male Threaded Elbow 90o for 48.60 mm outer dia X 50 mm nominal	each	1507.26	683.00	1.175	581.28	1.0936	635.68	*
8936	Cap for 15.88 mm outer dia pipe	each	46.81	45.00	1.175	38.30	1.0936	41.88	*
8937	Cap for 22.22 mm outer dia pipe	each	66.57	64.00	1.175	54.47	1.0936	59.57	*
8938	Cap for 28.58 mm outer dia pipe	each	87.37	84.00	1.175	71.49	1.0936	78.18	*
8939	Cap for 34.00 mm outer dia pipe	each	179.95	173.00	1.175	147.23	1.0936	161.02	*
8940	Cap for 42.70 mm outer dia pipe	each	263.17	253.00	1.175	215.32	1.0936	235.47	*
8941	Cap for 48.60 mm outer dia pipe	each	343.27	330.00	1.175	280.85	1.0936	307.14	*
8942	Pipe Bridge for 15.88 mm outer dia pipe	each	226.61	214.00	1.175	182.13	1.0936	199.17	*
8943	Pipe Bridge for 15.88 mm outer dia pipe	each	281.89	271.00	1.175	230.64	1.0936	252.23	*
8944	Pipe Bridge for 28.58 mm outer dia pipe	each	423.37	407.00	1.175	346.38	1.0936	378.80	*
8945	4 Point facade glass bracket	Nos	3451.41	3318.00	1.175	2823.83	1.0936	3088.14	*
8946	2 Point facade glass bracket	Nos	1725.70	1659.00	1.175	1411.91	1.0936	1544.07	*
8947	1 Point facade glass bracket	Nos	1460.45	1300.00	1.175	1106.38	1.0936	1209.94	*
8948	Flate head bolt	Nos	677.18	651.00	1.175	554.04	1.0936	605.90	*
8949	400 fin plate at top	pair	6169.48	5931.00	1.175	5047.66	1.0936	5520.12	*
8953	Micro Silica	kg	33.29	32.00	1.175	27.23	1.0936	29.78	*
8954	Stop end tubes for diaphragmwall 600 mm dia.	sqm	4.68	4.50	1.175	3.83	1.0936	4.19	*
8955	Driving end tubes for diaphragm wall 600 mm dia.	sqm	74.89	72.00	1.175	61.28	1.0936	67.01	*
8956	Bi-Axial Extruded GeoGrids of Minimum Tensile Strength 15 kN/m in the longitudinal and transverse direction	sqm		95.00	1.175	80.85	1.0936	88.42	*
8957	Bi-Axial Extruded GeoGrids of Minimum Tensile Strength 20kN/m in the longitudinal and transverse direction	sqm		109.00	1.175	92.77	1.0936	101.45	*
8958	Bi-Axial Extruded GeoGrids of Minimum Tensile Strength 30kN/m in the longitudinal and transverse direction	sqm		178.00	1.175	151.49	1.0936	165.67	*
8959	Bi-Axial Extruded GeoGrids of Minimum Tensile Strength 40kN/m in the longitudinal and transverse direction	sqm		260.00	1.175	221.28	1.0936	241.99	*
8960	Geosynthetic Drainage with two filtering nonwoven geotextiles having a "W" configuration as longitudinal parallel channels. Minimum thickness to be 7.2 mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75mm having pores of 150 micron and tensile strength of 8.0 kN/m and having plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure ,tensile strength of 18 kN/m , with a mass per unit area of 740 gsm.	sqm		504.00	1.175	428.94	1.0936	469.08	*

Code No	Description	Unit	Present Approved rate	Rate as per DSR-2018	Deduction for VAT & excise	Rate after deduction vat & excise	Increase due increase in WPI from April 2018 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
8961	Geosynthetic Drainage Composite having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/m , with mass per unit area of 830 gsm.	sqm		600.00	1.175	510.64	1.0936	558.43	*
8962	Synthetic Geogrid having Ultimate tensile strength- 100 kN/m	sqm		200.00	1.175	170.21	1.0936	186.14	*
8963	Synthetic Geogrid Ultimate tensile strength- 150 kN/m	sqm		220.00	1.175	187.23	1.0936	204.76	*
8964	Synthetic Geogrid Ultimate tensile strength- 200 kN/m	sqm		300.00	1.175	255.32	1.0936	279.22	*
8965	Synthetic Geogrid Ultimate tensile strength- 250 kN/m	sqm		330.00	1.175	280.85	1.0936	307.14	*
8966	Synthetic Geogrid Ultimate tensile strength- 300kN/m	sqm		350.00	1.175	297.87	1.0936	325.75	*
8967	Synthetic Geogrid Ultimate tensile strength- 350kN/m	sqm		390.00	1.175	331.91	1.0936	362.98	*
8968	Synthetic Geogrid Ultimate tensile strength- 400kN/m	sqm		420.00	1.175	357.45	1.0936	390.90	*
8969	Synthetic Geogrid Ultimate tensile strength- 500kN/m	sqm		500.00	1.175	425.53	1.0936	465.36	*
8970	Synthetic Geogrid Ultimate tensile strength- 600kN/m	sqm		550.00	1.175	468.09	1.0936	511.90	*
8971	Synthetic Geogrid Ultimate tensile strength- 700kN/m	sqm		650.00	1.175	553.19	1.0936	604.97	*
8972	Synthetic Geogrid Ultimate tensile strength- 800kN/m	sqm		708.00	1.175	602.55	1.0936	658.95	*
8973	Synthetic Geogrid Ultimate tensile strength- 900kN/m	sqm		841.00	1.175	715.74	1.0936	782.74	*
8974	Synthetic Geogrid Ultimate tensile strength- 1000kN/m	sqm		950.00	1.175	808.51	1.0936	884.19	*
8975	Synthetic Geogrid Ultimate tensile strength- 1100kN/m	sqm		1000.00	1.175	851.06	1.0936	930.72	*
8976	Synthetic Geogrid Ultimate tensile strength- 1200kN/m	sqm		1088.00	1.175	925.96	1.0936	1012.63	*
8977	Aluminium profile industrial troughed sheet of Alloy 31500/31000/ 40800, conforming to IS 1254, IS 737, IS 2676, 0.71 mm thick, the profile detail width 1044/920 mm, cover width 1000/875 mm	sqm		570.00	1.175	485.11	1.0936	530.51	*
8978	Aluminium profile industrial troughed sheet of Alloy 31500/31000/ 40800, conforming to IS 1254, IS 737, IS 2676, 0.91 mm thick, the profile detail width 1044/920 mm, cover width 1000/875 mm	sqm		736.00	1.175	626.38	1.0936	685.01	*
9001	C.P Brass Centre Hole Basin Mixer With Cast Spout	each		1200.00	1.175	1021.28	1.0936	1116.87	*
9977	Carriage	L.S.		1.73	1.05	1.65	1.0936	1.80	*
9988	Carriage and sundries	L.S.		1.73	1.05	1.65	1.0936	1.80	*
9999	Sundries	L.S.	1.76	1.73	1.05	1.65	1.0936	1.80	*
0842	Ready mix paint for wood work	Per litre	211.70	211.77	1.27	166.75	1.0936	182.36	*
0843	Ready mix paint for steel work	Per litre	211.70	211.77	1.27	166.75	1.0936	182.36	*
0288	Brick Khoa	Per m3	1523.55			1095.00		1095.00	**
1002	Mild steel round bar 12mm dia and below	quintal	3239.25			4545.00		4545.00	**
1007	Structural steel	quintal	3711.75			4155.00		4155.00	**
0993	Plain A.C sheet standard quality(6mm thick)	sqm	190.45		1.175	162.09	1.0936	177.26	***
8979	Paver Block								
A	M35 grade 80mm thick								
	White	sqm	480.12			433.26		433.26	**
	Red	sqm	488.73			440.98		440.98	**
	Yellow	sqm	504.09			454.82		454.82	**

Code No	Description	Unit	Present Approved rate	Rate as per DSR-2016	Deduction for VAT & excise	Rate after deducting vat & excise	Increase due increase in WPI from April 2016 to June 2018[1+(119.2-109.0) / 109]	Approved Rate	Remark
1	2	3	4	5.00	6	7	8	9	10
B	M40 grade 80mm thick								
	White	sqm	551.04			497.19		497.19	**
	Red	sqm	565.43			510.20		510.20	**
	Yellow	sqm	583.63			526.65		526.65	**
8980	Kerb Stone Block M30 Grade of Size 375mm x 300mm	each	80.63			73.25		73.25	**

Note:-

* Rate based on DSR 2016

** Approved rate by State level Schedule rate committee

*** Approved rate of cement by State level schedule rate committee

**** Present BSR 2016

14/8/18

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

14.8.18

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियन्ता प्रमुख
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियन्ता प्रमुख
लघु जल संसाधन विभाग, बिहार, पटना।

14.8.18

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–मुख्य अभियता (असैनिक), बिहार स्टेट पावर होल्डिंग कम्पनी
लि0, बिहार, पटना

14/8/18

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–मुख्य अभियता(विद्युत)
भवन निर्माण विभाग, बिहार, पटना

14/08/18

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियन्ता प्रमुख, तकनीकी परीक्षण कोषाग,
निगरानी विभाग, बिहार पटना।

14.8.18

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियता प्रमुख, लोक स्वास्थ्य अभियत्रण सगठन,
बिहार, पटना

14/8/18

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियंता प्रमुख (मुख्यालय)
जल ससाधन विभाग, बिहार, पटना

14/8/18

सयोजक
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–
अभियन्ता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

राज्यस्तरीय अनुसूचित दर निर्धारण समिति की दिनांक–08.05.2018 की बैठक में निर्माण कार्यो (सड़के, बाँध तथा सिंचाई कार्य) में नियोजित विभिन्न श्रेणी के मजदूरों का संशोधित न्यूनतम दैनिक मजदूरी के अनुमोदन हेतु लिये गये निर्णय :–

जनवरी 2017 से जुन 2017 तक का औसत मूल्य सूचकांक श्रम संसाधन विभाग, बिहार सरकार के अधिसूचना सं0–4835 दिनांक–15.09.2017 के अनुसार 6307.55 है। जुलाई 2017 से दिसम्बर 2017 तक का औसत मूल्य श्रम संसाधन विभाग, बिहार सरकार के अधिसूचना सं0–1453 दिनांक–28.03.2018 के अनुसार सूचकांक 6528.20 है।

सूचकांक में वृद्धि = 6528.20 – 6307.55 = 220.65

सूचकांक में प्रतिशत वृद्धि = 220.65 /6307.55 x 100 = 3.498 %

औसत मूल्य सूचकांक (जनवरी 2017 से जून 2017 तक) पर आधारित न्यूनतम श्रम दर की सूची अनुसूची '1' एवं '2' के स्तम्भ '7' पर अंकित है। इसी स्तम्भ के अंकित दर में 3.498% वृद्धि कर न्यूनतम श्रम दर की गणना कर अंकित कर दी गई है।

श्रम संसाधन विभाग, बिहार सरकार की अधिसूचना संख्या–1453, दिनांक–28.03.2018 के आलोक में अनुसूचित दर पुनरीक्षण हेतु उपरोक्त वृद्धि को सम्मिलित करते हुए निर्माण कार्यो, सड़के, बाँध निर्माण तथा सिंचाई कार्यो में नियोजित दैनिक मजदूरों के न्यूनतम दैनिक मजदूरी में संशोधन के लिए संलग्न अनुसूची–1 तथा 2 के स्तंभ '8' के अनुसार राज्यस्तरीय अनुसूचित दर निर्धारण समिति द्वारा सहमति प्रदान की जाती है। यह दर भवन निर्माण, ग्रामीण कार्य, लोक स्वास्थ्य अभियंत्रण विभाग एवं अन्य कार्य विभाग के अंतर्गत कराये जाने वाले समरूप कार्यो के उपयोग में भी लाया जायेगा। विशेष जानकारी हेतु श्रम संसाधन विभाग, बिहार सरकार की अधिसूचना सं0–1453 दिनांक–28.03.2018 द्रष्टव्य।

अनु0–1 एवं 2

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, भवन निर्माण विभाग, बिहार, पटना।

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, लघु जल संसाधन विभाग, बिहार, पटना

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–मुख्य अभियंता (असैनिक) बिहार स्टेट पावर होल्डिंग कंपनी लि0, बिहार, पटना

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–मुख्य अभियंता, (विधुत) भवन निर्माण विभाग, बिहार, पटना

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, तकनीकी परीक्षण कोषांग, निगरानी विभाग, बिहार, पटना

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना

सदस्य
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, गुख्यालय जल संसाधन विभाग बिहार, पटना।

संयोजक
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंताप्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना।

SCHEDULE - I **Dtd.:** 08-05-2018

Approved Schedule of Rates for labour engaged in construction & maintenance of Roads

Sl. No.	Category of Employee	Minimum Rates of wages per day as per					
		Lab. Deptt. Noti. No. 2787 /28.09.11	Lab. Deptt. Noti. No. 4175/ 30.09.16	Lab. Deptt. Noti. No. 4971/ 29.11.16	Lab. Deptt. Noti. No. 1194/ 28.03.17	Lab. Deptt. Noti. No. 4835/ 15.09.17	Lab. Deptt. Noti. No. 1453/ 28.03.18
1	2	3	4	5((1.43xcl3)*1.15)	6(1.02336xcl5)	7	8
1	Unskilled labour	144.00	209.00	237.00	242.00	247.00	254.00
2	Sweeper	144.00	209.00	237.00	242.00	247.00	254.00
3	Mistry	144.00	209.00	237.00	242.00	247.00	254.00
4	Cleaner	144.00	209.00	237.00	242.00	247.00	254.00
5	Helper	144.00	209.00	237.00	242.00	247.00	254.00
6	Khalsi/Chainman	144.00	209.00	237.00	242.00	247.00	254.00
7	Marker	184.00	268.00	302.00	309.00	309.00	320.00
8	Fitter grade-I	199.00	289.00	328.00	336.00	336.00	348.00
	Fitter grade-II	175.00	253.00	288.00	295.00	295.00	305.00
9	Turner	175.00	253.00	288.00	295.00	295.00	305.00
10	Mechanic grade-I	225.00	328.00	370.00	379.00	379.00	392.00
	Mechanic grade-II	209.00	304.00	344.00	352.00	352.00	364.00
11	Electrician grade-I	185.00	269.00	305.00	312.00	312.00	323.00
	Electrician grade-II	175.00	253.00	288.00	295.00	295.00	305.00
12	Lineman/Wireman	169.00	247.00	278.00	284.00	284.00	294.00
13	Chargeman	209.00	304.00	344.00	352.00	352.00	364.00
14	Foreman	247.00	360.00	406.00	415.00	415.00	430.00
15	Welder grade-I	220.00	320.00	362.00	370.00	370.00	383.00
	Welder grade-II	185.00	269.00	305.00	312.00	312.00	323.00
16	Glazier	164.00	237.00	270.00	276.00	276.00	286.00
17	Carpenter	175.00	253.00	288.00	295.00	295.00	305.00
18	Head Carpenter	196.00	284.00	322.00	330.00	330.00	342.00
19	Checker	177.00	256.00	291.00	298.00	298.00	308.00
20	Hammerman	153.00	224.00	252.00	258.00	258.00	267.00
21	Tin smith	199.00	289.00	328.00	336.00	336.00	348.00
22	Tin plate maker	209.00	304.00	344.00	352.00	352.00	364.00
23	Black Smith	175.00	253.00	288.00	295.00	295.00	305.00
24	Head black smith	196.00	284.00	322.00	330.00	330.00	342.00
25	Tile layer	155.00	226.00	255.00	261.00	261.00	270.00
26	Thatcher	155.00	226.00	255.00	261.00	261.00	270.00
27	Plumber	185.00	269.00	305.00	312.00	312.00	323.00
28	Grader	177.00	256.00	291.00	298.00	298.00	308.00
29	Road binder	164.00	237.00	270.00	276.00	276.00	286.00
30	Mason	175.00	253.00	288.00	295.00	295.00	305.00
31	Head Mason	196.00	284.00	322.00	330.00	330.00	342.00
32	Stone layer	175.00	253.00	288.00	295.00	295.00	305.00
33	Tarman	153.00	224.00	252.00	258.00	258.00	267.00
34	Fireman	155.00	226.00	255.00	261.00	261.00	270.00
35	Grinder	175.00	253.00	288.00	295.00	295.00	305.00
36	Gas cutter	184.00	268.00	302.00	309.00	309.00	320.00
37	Rigger	177.00	256.00	291.00	298.00	298.00	308.00
38	Sarang	209.00	304.00	344.00	352.00	352.00	364.00
39	Chipper-cum-rivetter	184.00	268.00	302.00	309.00	309.00	320.00
40	Tractor operator	209.00	304.00	344.00	352.00	352.00	364.00
41	Dozer operator grade-I	247.00	360.00	406.00	415.00	415.00	430.00
	Dozer operator grade-II	220.00	320.00	362.00	370.00	370.00	383.00
42	Dumper operator	210.00	305.00	345.00	353.00	353.00	365.00
43	Viberator Operator	163.00	236.00	268.00	274.00	274.00	284.00
44	Pump driver grade-I	185.00	269.00	305.00	312.00	312.00	323.00
	Pump driver grade-II	175.00	253.00	288.00	295.00	295.00	305.00
45	Dragline operator grade-I	247.00	360.00	406.00	415.00	415.00	430.00
	Dragline operator grade-II	220.00	320.00	362.00	370.00	370.00	383.00
46	Concrete mixer operator grade-I	185.00	269.00	305.00	312.00	312.00	323.00
	Concrete mixer operator grade-II	175.00	253.00	288.00	295.00	295.00	305.00
47	Compressor operator grade-I	185.00	269.00	305.00	312.00	312.00	323.00
	Compressor operator grade-II	175.00	253.00	288.00	295.00	295.00	305.00

SCHEDULE - I

Dtd.: 08.05.2018

Approved Schedule of Rates for labour engaged in construction & maintenance of Roads

Sl. No.	Category of Employees	Minimum Rates of wages per day as per					
		Lab. Deptt. Noti. No. 2787 /28.09.11	Lab. Deptt. Noti. No. 4175/ 30.09.16	Lab. Deptt. Noti. No. 4971/ 29.11.16	Lab. Deptt. Noti. No. 1194/ 28.03.17	Lab. Deptt. Noti. No. 4835/ 15.09.17	Lab. Deptt. Noti. No. 1453/ 28.03.18
1	2	3	4	5((1.43xcl3)*1.15)	6(1.02336xcl5)	7	8
48	Earth excavator						
	(a) For every 110 cu. ft for soft earth	144.00	210.00	237.00	243.00	243.00	252.00
	(b) For every 100 cu. ft for hard earth	144.00	210.00	237.00	243.00	243.00	252.00
	(c) For every 90 cu. ft for highly hard earth	144.00	210.00	237.00	243.00	243.00	252.00
49	Truck driver	209.00	304.00	344.00	352.00	352.00	364.00
50	Car/Jeep driver	184.00	268.00	302.00	309.00	309.00	320.00
51	Crane operator grade-I	247.00	360.00	406.00	415.00	415.00	430.00
	Crane operator grade-II	220.00	320.00	362.00	370.00	370.00	383.00
52	Winch operator	185.00	269.00	305.00	312.00	312.00	323.00
53	Road roller driver	252.00	367.00	414.00	424.00	424.00	439.00
54	Blaster	243.00	353.00	399.00	408.00	408.00	422.00
55	Painter grade-I	185.00	269.00	305.00	312.00	312.00	323.00
56	Polisher	155.00	226.00	255.00	261.00	261.00	270.00
57	Peon / Darvan / Choukidar	153.00	224.00	252.00	258.00	258.00	267.00
58	Clerk / Typist / Typist clerk	173.00	251.00	284.00	291.00	291.00	301.00
59	Time keeper	173.00	251.00	284.00	291.00	291.00	301.00
60	Store Assistant / Storeman	187.00	272.00	307.00	314.00	314.00	325.00
61	Store head	178.00	257.00	293.00	300.00	300.00	310.00
62	Material chaser	178.00	257.00	293.00	300.00	300.00	310.00
63	Mate and Road mate	155.00	226.00	255.00	261.00	261.00	270.00
64	Munshi	163.00	236.00	268.00	274.00	274.00	284.00
65	Work Supervisor	164.00	237.00	270.00	276.00	276.00	286.00
66	Amin	173.00	251.00	284.00	291.00	291.00	301.00
67	Surveyer	177.00	256.00	291.00	298.00	298.00	308.00
68	Supervisory diploma holder	237.00	343.00	390.00	399.00	399.00	413.00
69	Supervisory non-diploma holder	175.00	253.00	288.00	295.00	295.00	305.00
70	Any other category of semi-skilled workers not mentioned above	150.00	218.00	247.00	252.00	257.00	265.00
71	Any other category of skilled workers not mentioned above	183.00	266.00	301.00	307.00	313.00	322.00
72	Highly skilled labour	223.00	323.00	367.00	374.00	381.00	392.00

Note :- The above rates has been calculated as 3.498% increase vide Labour Dept. Notification No. 1453 Dtd. 28.03.2018 i.e (1.03498 * column 7).

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख, लघु जल संसाधन विभाग,
बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-मुख्य अभियंता
(असैन), बिहार स्टेट पावर होल्डिंग कंपनी लिमिटेड, बिहार,
पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-मुख्य अभियंता(विद्युत),
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख, मुख्यालय,
जल संसाधन विभाग, बिहार, पटना।

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख सह-अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

SCHEDULE - II

Dtd.:- 08.05.18

Approved Schedule of Rates for labour engaged in Dam construction & Irrigation works

Sl. No.	Category of Employees	Minimum Rates of wages per day as per					
		Lab. Deptt. Noti. No. 2787 /28.09.11	Lab. Deptt. Noti. No. 4175/ 30.09.16	Lab. Deptt. Noti. No. 4971/ 29.11.16	Lab. Deptt. Noti. No. 1194/ 28.03.17	Lab. Deptt. Noti. No. 4835/ 15.09.17	Lab. Deptt. Noti. No. 1453/ 28.03.18
1	2	3	4	5((1.43xd3)*1.15)	6(1.02336xd5)	7	8
1	Unskilled labour	144.00	209.00	237.00	242.00	247.00	254.00
2	Mate	158.00	229.00	260.00	266.00	266.00	275.00
3	Head Mason	196.00	284.00	322.00	330.00	330.00	342.00
4	Mason	175.00	253.00	288.00	295.00	295.00	305.00
5	Printer Class-I	185.00	269.00	305.00	312.00	312.00	323.00
6	Printer Class-II	175.00	253.00	288.00	295.00	295.00	305.00
7	Head Carpenter	196.00	284.00	322.00	330.00	330.00	342.00
8	Carpenter	175.00	253.00	288.00	295.00	295.00	305.00
9	Head black smith	196.00	284.00	322.00	330.00	330.00	342.00
10	Black Smith	175.00	253.00	288.00	295.00	295.00	305.00
11	Glazier	155.00	226.00	255.00	261.00	261.00	270.00
12	Stone Dresser	185.00	269.00	305.00	312.00	312.00	323.00
13	Water Carrier	144.00	210.00	237.00	243.00	243.00	252.00
14	Fitter Class-I	199.00	289.00	328.00	336.00	336.00	348.00
15	Fitter Class-II	175.00	253.00	288.00	295.00	295.00	305.00
16	Helper	153.00	224.00	252.00	258.00	258.00	267.00
17	Hammer man	153.00	224.00	252.00	258.00	258.00	267.00
18	Bellowman	144.00	210.00	237.00	243.00	243.00	252.00
19	Road Roller Driver	252.00	367.00	414.00	424.00	424.00	439.00
20	Concrete Mixer Operator, Class-I	185.00	269.00	305.00	312.00	312.00	323.00
21	Concrete Mixer Operator, Class-II	175.00	253.00	288.00	295.00	295.00	305.00
22	Stone Crusher Driver, Class-I	185.00	269.00	305.00	312.00	312.00	323.00
23	Stone Crusher Driver, Class-II	175.00	253.00	288.00	295.00	295.00	305.00
24	Truck Driver	209.00	304.00	344.00	352.00	352.00	364.00
25	Compresser Operator, Class-I	185.00	269.00	305.00	312.00	312.00	323.00
26	Compresser Operator, Class-II	175.00	253.00	288.00	295.00	295.00	305.00
27	Pump Driver, Class-I	185.00	269.00	305.00	312.00	312.00	323.00
28	Pump Driver, Class-II	175.00	253.00	288.00	295.00	295.00	305.00
29	Concrete Mixer Attendant	153.00	224.00	252.00	258.00	258.00	267.00
30	Cleaner or Oilman	148.00	216.00	244.00	250.00	250.00	259.00
31	TarBoiler Man	175.00	253.00	288.00	295.00	295.00	305.00
32	Plumber	185.00	269.00	305.00	312.00	312.00	323.00
33	Thatcher	155.00	226.00	255.00	261.00	261.00	270.00
34	Khalasi / Chainman	155.00	226.00	255.00	261.00	261.00	270.00
35	Sweeper	148.00	216.00	244.00	250.00	250.00	259.00
36	Watchamn	148.00	216.00	244.00	250.00	250.00	259.00
37	Stone Breaker	148.00	216.00	244.00	250.00	250.00	259.00
38	Work Sarker	164.00	237.00	270.00	276.00	276.00	286.00
39	Time Keeper	173.00	251.00	284.00	291.00	291.00	301.00
40	Welder, Grade-I	220.00	320.00	362.00	370.00	370.00	383.00
41	Welder, Grade-I	185.00	269.00	305.00	312.00	312.00	323.00
42	Wireman/Lineman	169.00	247.00	278.00	284.00	284.00	294.00
43	Mechanic, Grade-I	225.00	328.00	370.00	379.00	379.00	392.00
44	Mechanic, Grade-II	209.00	304.00	344.00	352.00	352.00	364.00
45	Sarang	209.00	304.00	344.00	352.00	352.00	364.00
46	Drill Operator	175.00	253.00	288.00	295.00	295.00	305.00
47	Tractor Operator	209.00	304.00	344.00	352.00	352.00	364.00
48	Gauge Reader-cum-silt Observer	153.00	224.00	252.00	258.00	258.00	267.00
49	Crane Operator, Grade-I	247.00	360.00	406.00	415.00	415.00	430.00
50	Crane Operator, Grade-II	220.00	320.00	362.00	370.00	370.00	383.00
51	Dragline / Scraper / Showel Operator	247.00	360.00	406.00	415.00	415.00	430.00
52	Dragline/Scraper/Showel Operator	220.00	320.00	362.00	370.00	370.00	383.00
53	Dumper Operator	210.00	305.00	345.00	353.00	353.00	365.00
54	Foreman	247.00	360.00	406.00	415.00	415.00	430.00

SCHEDULE - II

Dtd.:-08.05.18

Approved Schedule of Rates for labour engaged in Dam construction & Irrigation works

Sl. No.	Category of Employees	Minimum Rates of wages per day as per					
		Lab. Deptt. Noti. No. 2787 /28.09.11	Lab. Deptt. Noti. No. 4175/ 30.09.16	Lab. Deptt. Noti. No. 4971/ 29.11.16	Lab. Deptt. Noti. No. 1194/ 28.03.17	Lab. Deptt. Noti. No. 4835/ 15.09.17	Lab. Deptt. Noti. No. 1453/ 28.03.18
1	2	3	4	5((1.43xcl3)*1.15)	6(1.02336xcl5)	7	8
55	Junior Forman	220.00	320.00	362.00	370.00	370.00	383.00
56	Chargeman	210.00	305.00	345.00	353.00	353.00	365.00
57	Electrician, Grade-I	185.00	269.00	305.00	312.00	312.00	323.00
58	Electrician, Grade-II	175.00	253.00	288.00	295.00	295.00	305.00
59	Electrician, Grade-III	153.00	224.00	252.00	258.00	258.00	267.00
60	Turner	175.00	253.00	288.00	295.00	295.00	305.00
61	Compounder	175.00	253.00	288.00	295.00	295.00	305.00
62	Superviser / (Diploma holder)	237.00	343.00	390.00	399.00	399.00	413.00
63	Surveyer / Supervisor	175.00	253.00	288.00	295.00	295.00	305.00
64	Blue Printer	153.00	224.00	252.00	258.00	258.00	267.00
65	Tracer	153.00	224.00	252.00	258.00	258.00	267.00
66	Vibrator Operator	163.00	236.00	268.00	274.00	274.00	284.00
67	Clerk / Typist / Typist Clerk	173.00	251.00	284.00	291.00	291.00	301.00
68	Earth Excavator,						
	(a) For every 110 cubic feet of soft	144.00	210.00	237.00	243.00	243.00	252.00
	(b) For every 100 cubic feet of hard	144.00	210.00	237.00	243.00	243.00	252.00
	(c) For every 90 cubic feet of highly	144.00	210.00	237.00	243.00	243.00	252.00
69	Any other category of semi-skilled workers not mentioned above	150.00	218.00	247.00	252.00	257.00	265.00
70	Any other category of skilled workers not mentioned above	183.00	266.00	301.00	307.00	313.00	322.00
71	Highly skilled labour	223.00	323.00	367.00	374.00	381.00	392.00

Note :- The above rates has been calculated as 3.498% increase vide Labour Dept. Notification No. 1453 Dtd. 28.03.2018 i.e (1.03498 * column 7).

8/5/18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

8/5/18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख, लघु जल संसाधन विभाग,
बिहार, पटना।

08.5.18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-मुख्य
अभियंता (असै०), बिहार स्टेट पावर होल्डिंग कंपनी
लिमिटेड, बिहार, पटना।

8/5/18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-मुख्य अभियंता(विद्युत),
भवन निर्माण विभाग, बिहार, पटना।

8/5/18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति -सह-
अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

8.5.18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

8/5/18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख, मुख्यालय,
जल संसाधन विभाग, बिहार, पटना।

8/5/18
संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख सह-अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

बिहार सरकार
राज्य स्तरीय अनुसूचित दर निर्धारण समिति
पथ निर्माण विभाग, बिहार, पटना।

E-mail ID-sorrcd2012@gmail.com

पत्रांकः– मु0नि0(पथ) 53 / 2018 29 (3H0) /दिनांकः– 19/7/2018

प्रेषक,

अधीक्षण अभियंता,
मुख्यालय निरूपण अंचल,
पथ निर्माण विभाग,बिहार,पटना ।

सेवा में,

1. अभियंता प्रमुख,
   ग्रामीण कार्य विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
2. अभियंता प्रमुख (मुख्यालय)
   जल संसाधन विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
3. अभियंता प्रमुख,
   लोक स्वास्थ्य अभियंत्रण विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति,बिहार, पटना।
4. अभियंता प्रमुख,
   तकनीकी परीक्षण कोषांग, निगरानी विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
5. अभियंता प्रमुख,
   भवन निर्माण विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
6. अभियंता प्रमुख,
   लघु जल संसाधन विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
7. मुख्य अभियंता (असैनिक)
   बिहार स्टेट पावर होल्डिंग कंपनी लिमिटेड सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।
8. मुख्य अभियंता (विद्युत)
   भवन निर्माण विभाग सह सदस्य राज्य स्तरीय अनुसूचित दर निर्धारण समिति, बिहार, पटना।

विषयः–**राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा दिनांक–17.07.2018 की बैठक में लिये गये निर्णयानुसार सीमेंट, बिटुमेन, इम्लशन एवं स्टील से संबंधित निर्माण सामग्रियों के दर की सूची के प्रेषण के संबंध में।**

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि दिनांक–17.07.2018 की बैठक में राज्य स्तरीय अनुसूचित दर निर्धारण समिति द्वारा अनुमोदित सीमेंट, बिटुमेन, इम्लशन, स्टील, की पुनरीक्षित दर की सूची "M1", "M3A", "M3B", "M4", "M5", "M6", "M8", "M9", "M10A", एवं कार्यवाही की प्रति आवश्यक कार्रवाई हेतु संलग्न की जा रही है।

अनु0–यथोक्त।

विश्वास भाजन

19/7/2018

अधीक्षण अभियंता,
मुख्यालय निरूपण अंचल,
पथ निर्माण विभाग, बिहार, पटना।

19/7/18

Schedule : M1

Date: 17.07.18

List of Rates of Ordinary Portland Cement approved by State Level Schedule Rate Committee for the year 2018 - 19 (for Preparation of Schedule of Rates only) - Materials should conform to relevant BIS/IRC/MORT&H Specifications.

Rates are exclusive of GST.

Sl. No.	Name & Description of Material	Unit	Zones	Approved Rate	
				in figure (₹)	in words
1	2	3	4	5	6
1	Ordinary Portland Cement	Per bag of 50 Kg	Patna	257.80	Rupees Two Hundred Fifty Seven and Paise Eighty Only
	(O.P.C. - 43 Grade)		Muzaffarpur	257.80	Rupees Two Hundred Fifty Seven and Paise Eighty Only
			Darbhanga	257.80	Rupees Two Hundred Fifty Seven and Paise Eighty Only
			Bhagalpur	253.80	Rupees Two Hundred Fifty Three and Paise Eighty Only
			Munger	253.80	Rupees Two Hundred Fifty Three and Paise Eighty Only
			Saharsa	257.80	Rupees Two Hundred Fifty Seven and Paise Eighty Only
			Purnea	257.80	Rupees Two Hundred Fifty Seven and Paise Eighty Only
			Gaya	244.10	Rupees Two Hundred Forty Four and Paise Ten Only
			Saran	253.40	Rupees Two Hundred Fifty Three and Paise Forty Only

Note:- The above rate of cement is exclusive of 28% GST.

17/7/18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

17/7/18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

17/7/18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता (असै0) , बिहार स्टेट पावर होल्डिंग कंपनी लिमिटेड, बिहार, पटना।

17/7/18

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति,
-सह-मुख्य अभियंता (विद्युत),
भवन निर्माण विभाग, बिहार, पटना।

17.7.18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख,
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-अभियंता प्रमुख, मुख्यालय,
जल संसाधन विभाग, बिहार, पटना।

17/7/18

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख-सह- अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

Schedule : M3A

Date: 17.07.18

List of Rates of Portland Pozzolana Cement approved by State Level Schedule Rate Committee for the year 2018 - 19 (for Preparation of Schedule of Rates only) - Materials should conform to relevant BIS/IRC/MGRT&H Specifications.

Rates are exclusive of GST.

Sl. No.	Name & Description of Material	Unit	Zones	Approved Rate	
				In figure (₹)	in words
1	2	3	4	5	6
1	Portland Pozzolana Cement (P.P.C.)	Per bag of 50 Kg	Patna	226.60	Rupees Two Hundred Twenty Six and Paise Sixty Only
			Muzaffarpur	218.80	Rupees Two Hundred Eighteen and Paise Eighty Only
			Darbhanga	218.80	Rupees Two Hundred Eighteen and Paise Eighty Only
			Bhagalpur	226.60	Rupees Two Hundred Twenty Six and Paise Sixty Only
			Munger	224.50	Rupees Two Hundred Twenty Four and Paise Fifty Only
			Saharsa	222.70	Rupees Two Hundred Twenty Two and Paise Seventy Only
			Purnea	230.30	Rupees Two Hundred Thirty and Paise Thirty Only
			Gaya	199.20	Rupees One Hundred Ninety Nine and Paise Twenty Only
			Saran	221.40	Rupees Two Hundred Tweuty One and Paise Forty Only

Note:- The above rate of cement is exclusive of 28% GST.

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता (असै0) , बिहार स्टेट पावर
होल्डिंग कंपनी लिमिटेड, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख,
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य,
सदस्य, राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति,
-सह-मुख्य अभियंता (विद्युत),
भवन निर्माण विभाग,
बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता, जल संसाधन विभाग,
मुख्यालय, जल संसाधन विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख, लघु जल संसाधन विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख-सह- अपर
आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

Schedule : M3B

Date: 17.07.18

List of Rates of Portland Slag Cement approved by State Level Schedule Rate Committee for the year 2018 - 19 (for Preparation of Schedule of Rates only) - Materials should conform to relevant BIS/IRC/MORT & H Specifications.

Rates are exclusive of GST.

Sl. No.	Name & Description of Material	Unit	Zones	Approved Rate	
				in figure (₹)	in words
1	2	3	4	5	6
1	Portland Slag Cement (P.S.C.)	Per bag of 50 Kg	Patna	285.90	Rupees Two Hundred Eighty Five and Paise Ninety Only
			Muzaffarpur	284.40	Rupees Two Hundred Eighty Four and Paise Forty Only
			Darbhanga	278.60	Rupees Two Hundred Seventy Eight and Paise Sixty Only
			Bhagalpur	285.20	Rupees Two Hundred Eighty Five and Paise Twenty Only
			Munger	274.60	Rupees Two Hundred Seventy Four and Paise Sixty Only
			Saharsa	283.50	Rupees Two Hundred Eighty Three and Paise Fifty Only
			Purnea	278.60	Rupees Two Hundred Seventy Eight and Paise Sixty Only
			Gaya	273.70	Rupees Two Hundred Seventy Three and Paise Seventy Only
			Saran	281.50	Rupees Two Hundred Eighty One and Paise Fifty Only

Note:- The above rate of cement is exclusive of 28%GST.

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति-सह-
अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता (असै0) , बिहार स्टेट
पावर होल्डिंग कंपनी लिमिटेड, बिहार,
पटना।

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति,
-सह-मुख्य अभियंता (विद्युत),
भवन निर्माण विभाग,
बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख,
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख, मुख्यालय,
जल संसाधन विभाग, बिहार, पटना।

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख-सह- अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

Schedule : M4

Date: 17.07.18

List of Rates of Different Grades of Bitumen approved by State Level Schedule Rate Committee for the year 2018 - 19 for the preparation of Schedule of Rates only. Materials should confirm to relevant BIS/IRC/MORT&H Specifications.

Rates are exclusive of GST @ 18%.

Sl. No.	Name & Description of Material	Unit	Approved Rate	
			in figure(₹)	in words
1	2	3	4	5
1	Bitumen Grade VG-40(30/40)Packed			
	(iv)Ex. Patna	Per MT	34257.50	Rupees Thirty Four Thousand Two Hundred Fifty Seven and Paise Fifty Only
	(v)Ex. Muzaffarpur	Per MT	34507.50	Rupees Thirty Four Thousand Five Hundred Seven and Paise Fifty Only
	(vi) Ex. Gaya	Per MT	34060.00	Rupees Thirty Four Thousand Sixty and Paise Zero Only
2	Bitumen Grade VG-30(60/70) Packed			
	(i)Ex.Barauni	Per MT	32850.00	Rupees Thirty Two Thousand Eight Hundred Fifty and Paise Zero Only
	(ii) Ex. Gaya	Per MT	32730.00	Rupees Thirty Two Thousand Seven Hundred Thirty and Paise Zero Only
	(vi) Ex. Patna	Per MT	32927.00	Rupees Thirty Two Thousand Nine Hundred Twenty Seven and Paise Zero Only
	(vii) Ex. Muzaffarpur	Per MT	33177.50	Rupees Thirty Three Thousand One Hundred Seventy Seven and Paise Fifty Only
3	Bitumen Grade VG-10(80/100) Packed			
	(i) Ex. Barauni	Per MT	32050.00	Rupees Thirty Two Thousand Fifty and Paise Zero Only
	(ii) Ex. Gaya	Per MT	31930.00	Rupees Thirty One Thousand Nine Hundred Thirty and Paise Zero Only
	(vi) Ex. Patna	Per MT	32127.50	Rupees Thirty Two Thousand One Hundred Twenty Seven and Paise Fifty Only
	(vii) Ex. Muzaffarpur	Per MT	32377.50	Rupees Thirty Two Thousand Three Hundred Seventy Seven and Paise Fifty Only
4	Bitumen Grade VG-40(30/40) Bulk			
	(i) Ex. Barauni	Per MT	28900.00	Rupees Twenty Eight Thousand Nine Hundred and Paise Zero Only
5	Bitumen Grade VG-30(60/70) Bulk			
	(i) Ex. Barauni	Per MT	28370.00	Rupees Twenty Eight Thousand Three Hundred Seventy and Paise Zero Only
6	Bitumen Grade VG-10(80/100) Bulk			
	(i) Ex. Barauni	Per MT	27970.00	Rupees Twenty Seven Thousand Nine Hundred Seventy and Paise Zero Only
7	Modified Graded Bitumen			
	(i) CRMB-50 Packed Ex. Barauni	Per MT		
	(ii) CRMB-50 Packed Ex. Muzaffarpur	Per MT		
	(iii) CRMB-50 Packed Ex. Gaya	Per MT		
	(vi) CRMB-50 Packed Ex. Patna	Per MT		
	(v) CRMB-55 Packed Ex. Barauni	Per MT		
	(vi) CRMB-55 Packed Ex. Gaya	Per MT	36190.00	Rupees Thirty Six Thousand One Hundred Ninety and Paise Zero Only
	(vii) CRMB-55 Packed Ex. Patna	Per MT	36387.50	Rupees Thirty Six Thousand Three Hundred Eighty Seven and Paise Fifty Only
	(viii) CRMB-55 Packed Ex. Muzaffarpur	Per MT	36637.50	Rupees Thirty Six Thousand Six Hundred Thirty Seven and Paise Fifty Only
	(ix) CRMB-60 Packed Ex. Barauni	Per MT		
	(x) CRMB-60 Packed Ex. Patna	Per MT		
	(xi) CRMB-60 Packed Ex. Muzaffarpur	Per MT		
	(xii) CRMB-60 Packed Ex. Gaya	Per MT		

Sl. No.	Name & Description of Material	Unit	Approved Rate	
			in figure(₹)	in words
8	Bitumen Emulsion RS1(Packed) Drum			
	(i) Ex. Patna	Per MT	37399.00	Rupees Thirty Seven Thousand Three Hundred Ninety Nine and Paise Zero Only
	(ii) Ex. Gaya	Per MT	37599.00	Rupees Thirty Seven Thousand Five Hundred Ninety Nine and Paise Zero Only
	(iii) Ex. Muzaffarpur	Per MT	37149.00	Rupees Thirty Seven Thousand One Hundred Forty Nine and Paise Zero Only
9	Bitumen Emulsion MS(Packed) Drum			
	(i) Ex. Patna	Per MT	39393.00	Rupees Thirty Nine Thousand Three Hundred Ninety Three and Paise Zero Only
	(ii) Ex. Gaya	Per MT	39543.00	Rupees Thirty Nine Thousand Five Hundred Forty Three and Paise Zero Only
	(iii) Ex. Muzaffarpur	Per MT	39093.00	Rupees Thirty Nine Thousand Ninety Three and Paise Zero Only
10	Bitumen Emulsion SS1(Packed) Drum			
	(i) Ex. Patna	Per MT	39475.00	Rupees Thirty Nine Thousand Four Hundred Seventy Five and Paise Zero Only
	(ii) Ex. Gaya	Per MT	39675.00	Rupees Thirty Nine Thousand Six Hundred Seventy Five and Paise Zero Only
	(iii) Ex. Muzaffarpur	Per MT	39225.00	Rupees Thirty Nine Thousand Two Hundred Twenty Five and Paise Zero Only

17/7/18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह- अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

17/7/18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह- अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

17/7/18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता (अक्षे) , बिहार स्टेट पावर
होल्डिंग कंपनी लिमिटेड, बिहार, पटना।

17/7/18

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति,
-सह-मुख्य अभियंता (विद्युत)
भवन निर्माण विभाग,
बिहार, पटना।

17/7/18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

17.7.18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह- अभियंता प्रमुख, लोक स्वास्थ्य
अभियंत्रण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख, मुख्यालय,
जल संसाधन विभाग, बिहार, पटना।

17/7/18

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख-सह- अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

Schedule : M5

Date: 17.07.18

Approved new rate of G.C. Sheet by State Level Schedule Rate Committee for the year 2018 - 19 (for Preparation of Schedule of Rates only) - Materials should conform to relevant BIS/IRC/MORT & H Specifications.

Rates are exclusive of GST@ 18%.

Sl. No.	Name & Description of Material	Unit	Approved Rate	
			in figure (₹)	in words
1	2	3	4	5
	G. C. Sheet in mm			
1	0.63	Per MT	55762.71	Rupees Fifty Five Thousand Seven Hundred Sixty Two and Paise Seventy One Only
2	0.50	Per MT	57288.13	Rupees Fifty Seven Thousand Two Hundred Eighty Eight and Paise Thirteen Only
3	0.40	Per MT	73357.62	Rupees Seventy Three Thousand Three Hundred Fifty Seven and Paise Sixty Two Only
3	0.35	Per MT	75492.37	Rupees Seventy Five Thousand Four Hundred Ninety Two and Paise Thirty Seven Only

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता (असै0) , बिहार स्टेट पावर
होल्डिंग कंपनी लिमिटेड, बिहार, पटना।

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति,
-सह-मुख्य अभियंता (विद्युत)
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख,
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार,पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख, मुख्यालय
जल संसाधन विभाग, बिहार, पटना।

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख-सह- अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

Schedule : M6

Date: 17.07.18

Approved rate of Steel - Wire Rod in Coil by State Level Schedule Rate Committee for the year 2018 - 19 (for Preparation of Schedule of Rates only) - Materials should conform to relevant BIS/IRC/MORT&H Specifications.

Rates are exclusive of GST@ 18%.

Sl. No.	Name & Description of Material	Unit	Approved Rate	
			in figure (₹)	in words
1	2	3	4	5
	Wire Rod in Coil			
1	5.5 mm	Per MT	45450.00	Rupees Forty Five Thousand Four Hundred Fifty and Paise Zero Only
2	6.0 mm	Per MT	45320.00	Rupees Forty Five Thousand Three Hundred Twenty and Paise Zero Only
3	6.5 mm	Per MT	45180.00	Rupees Forty Five Thousand One Hundred Eighty and Paise Zero Only
4	7.0 mm	Per MT	45050.00	Rupees Forty Five Thousand Fifty and Paise Zero Only
5	8.0 mm	Per MT	44920.00	Rupees Forty Four Thousand Nine Hundred Twenty and Paise Zero Only
6	10.0 mm	Per MT	45450.00	Rupees Forty Five Thousand Four Hundred Fifty and Paise Zero Only
7	12.0/12.7 mm	Per MT	45450.00	Rupees Forty Five Thousand Four Hundred Fifty and Paise Zero Only

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता (असै०) , बिहार स्टेट पावर
होल्डिंग कंपनी लिमिटेड, बिहार, पटना।

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति,
-सह-मुख्य अभियंता (विद्युत),
भवन निर्माण विभाग,
बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
सिंचाई विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार,पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख, मुख्यालय
जल संसाधन विभाग, बिहार, पटना।

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख-सह- अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

Schedule : M8

Date: 17.07.18

Approved rate of Steel Channel by State Level Schedule Rate Committee for the year 2018 - 19 (for Preparation of Schedule of Rates only) - Materials should conform to relevant BIS/IRC/MORT&H Specifications.

Rates are exclusive of GST@ 18%.

Sl. No.	Name & Description of Material	Unit	Approved Rate	
			in figure (₹)	in words
1	2	3	4	5
	STEEL CHANNEL			
1	Channel 100 x 50	Per MT	43260.00	Rupees Forty Three Thousand Two Hundred Sixty and Paise Zero Only
2	Channel 125 x 65	Per MT	43260.00	Rupees Forty Three Thousand Two Hundred Sixty and Paise Zero Only
3	Channel 150 x 75	Per MT	43260.00	Rupees Forty Three Thousand Two Hundred Sixty and Paise Zero Only
4	Channel 200 x 75	Per MT	43530.00	Rupees Forty Three Thousand Five Hundred Thirty and Paise Zero Only

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अधियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

17-7-18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता (असै0) , बिहार स्टेट पावर
होल्डिंग कंपनी लिमिटेड, बिहार, पटना।

17.7.18
सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति,
-सह-मुख्य अभियंता (विद्युत)
भवन निर्माण विभाग,
बिहार, पटना।

17.07.18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

17.7.18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख,
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार,पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख, मुख्यालय
जल संसाधन विभाग, बिहार, पटना।

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख-सह- अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

Schedule : M9

Date: 17.07.18

Approved rate of Steel Angles by State Level Schedule Rate Committee for the year 2018 - 19 (for Preparation of Schedule of Rates only) - Materials should conform to relevant BIS/IRC/MORT&H Specifications.

Rates are exclusive of GST@ 18%.

Sl. No.	Name & Description of Material	Unit	Approved Rate	
			in figure (₹)	in words
1	2	3	4	5
	STEEL ANGLES			
1	75 x 75 x 6	Per MT	41550.00	Rupees Forty One Thousand Five Hundred Fifty and Paise Zero Only
2	80 x 80 x 8 /10/12	Per MT	41550.00	Rupees Forty One Thousand Five Hundred Fifty and Paise Zero Only
3	90 x 90 x 6/8	Per MT	41550.00	Rupees Forty One Thousand Five Hundred Fifty and Paise Zero Only
4	100 x 100 x 8/10/12	Per MT	41550.00	Rupees Forty One Thousand Five Hundred Fifty and Paise Zero Only
5	110 x 110 x 8/10/12	Per MT	41550.00	Rupees Forty One Thousand Five Hundred Fifty and Paise Zero Only
6	130 x 130 x 10/12	Per MT	41550.00	Rupees Forty One Thousand Five Hundred Fifty and Paise Zero Only
7	150 x 150 x 12/16/20	Per MT	41550.00	Rupees Forty One Thousand Five Hundred Fifty and Paise Zero Only
8	200 x 200 x 16/18/20	Per MT	41550.00	Rupees Forty One Thousand Five Hundred Fifty and Paise Zero Only

17/7/18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

17/7/18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

17.7.18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता (असै०), बिहार स्टेट पावर
होल्डिंग कंपनी लिमिटेड, बिहार, पटना।

17/7/18
सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति,
-सह-मुख्य अभियंता (विद्युत),
भवन निर्माण विभाग,
बिहार, पटना।

17/07/18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

17.7.18
सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख,
लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह-अभियंता प्रमुख, मुख्यालय,
जल संसाधन विभाग, बिहार, पटना।

17/7/18
संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख सह- अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

Schedule : M10A

Date: 17.07.18

Approved rate of Steel - TMT BARS (Fe 500) State Level Schedule Rate Committee for the year 2018- 19 (for Preparation of Schedule of Rates only) - Materials should conform to relevant BIS/IRC/MORT&H Specifications.

Rates are exclusive of GST@ 18%.

Sl. No.	Name & Description of Material	Unit	Approved Rate	
			in figure (₹)	in words
1	2	3	4	5
	STEEL TMT BARS			
1	TMT Fe 500 - 8 mm	Per MT	45932.00	Rupees Forty Five Thousand Nine Hundred Thirty Two and Paise Zero Only
2	TMT Fe 500 -10 mm	Per MT	45424.00	Rupees Forty Five Thousand Four Hundred Twenty Four and Paise Zero Only
3	TMT Fe 500 -12 mm	Per MT	44915.00	Rupees Forty Four Thousand Nine Hundred Fifteen and Paise Zero Only
4	TMT Fe 500 -16 mm	Per MT	44915.00	Rupees Forty Four Thousand Nine Hundred Fifteen and Paise Zero Only
5	TMT Fe 500 -20 mm	Per MT	44915.00	Rupees Forty Four Thousand Nine Hundred Fifteen and Paise Zero Only
6	TMT Fe 500 -25 mm	Per MT	44915.00	Rupees Forty Four Thousand Nine Hundred Fifteen and Paise Zero Only
7	TMT Fe 500 -28 mm	Per MT	44915.00	Rupees Forty Four Thousand Nine Hundred Fifteen and Paise Zero Only
8	TMT Fe 500 -32 mm	Per MT	44915.00	Rupees Forty Four Thousand Nine Hundred Fifteen and Paise Zero Only

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति-सह- अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-मुख्य अभियंता (असै0) , बिहार स्टेट पावर
होल्डिंग कंपनी लिमिटेड, बिहार, पटना।

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति,
-सह-मुख्य अभियंता (विद्युत)
भवन निर्माण विभाग,बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख, मुख्यालय
जल संसाधन विभाग, बिहार, पटना।

संवीजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
-सह-अभियंता प्रमुख-सह- अपर आयुक्त-सह-विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

Schedule: M11

Date:13.03.18

Approved Rate of Bricks & Bricks related materials by the State Level Schedule Rate Committee for the year 2018-19 (for preparation of Schedule of Rates only) - Materials should conform to relevant BIS/IRC/MoRT&H Specifications.

Rates are Exclusive of all taxes,Royalty, Contractor's profit and Overhead charges (Rates at source).

Sr. No.	Materials	Unit	Approved Rate	
			in figure (₹)	in words
1	**100 A Bricks**			
	(i) For urban Patna	Nos/1000	6247.00	Rupees Six Thousand Two Hundred Forty Seven and Paise Zero Only
	(ii) For Darbhanga,Bhagalpur, Munger & Muzaffarpur	Nos/1000	5267.00	Rupees Five Thousand Two Hundred Sixty Seven and Paise Zero Only
	(iii) For Gaya & Saran	Nos/1000	4981.00	Rupees Four Thousand Nine Hundred Eighty One and Paise Zero Only
	(iv) For Saharsa	Nos/1000	5411.00	Rupees Five Thousand Four Hundred Eleven and Paise Zero Only
	(v) For Purnea	Nos/1000	5699.00	Rupees Five Thousand Six Hundred Ninety Nine and Paise Zero Only
	(vi) For rural Patna	Nos/1000	5196.00	Rupees Five Thousand One Hundred Ninety Six and Paise Zero Only
2	**100 B Bricks**			
	(i) For urban Patna	Nos/1000	5796.00	Rupees Five Thousand Seven Hundred Ninety Six and Paise Zero Only
	(ii) For Darbhanga, Bhagalpur, Munger & Muzaffarpur	Nos/1000	4835.00	Rupees Four Thousand Eight Hundred Thirty Five and Paise Zero Only
	(iii) For Gaya & Saran	Nos/1000	4549.00	Rupees Four Thousand Five Hundred Forty Nine and Paise Zero Only
	(iv) For Saharsa	Nos/1000	4981.00	Rupees Four Thousand Nine Hundred Eighty One and Paise Zero Only
	(v) For Purnea	Nos/1000	5267.00	Rupees Five Thousand Two Hundred Sixty Seven and Paise Zero Only
	(vi) For rural Patna	Nos/1000	4746.00	Rupees Four Thousand Seven Hundred Forty Six and Paise Zero Only
3	**Brick Tiles (300mmx150mmx50mm)**			
	(i) For urban Patna and rural Patna	Nos/1000	6247.00	Rupees Six Thousand Two Hundred Forty Seven and Paise Zero Only
	(ii) For Saharsa, Bhagalpur, Darbhanga & Muzaffarpur	Nos/1000	6274.00	Rupees Six Thousand Two Hundred Seventy Four and Paise Zero Only
	(iii) For Purnea	Nos/1000	6563.00	Rupees Six Thousand Five Hundred Sixty Three and Paise Zero Only
	(iv) For other places	Nos/1000	5986.00	Rupees Five Thousand Nine Hundred Eighty Six and Paise Zero Only
4	**Picket Jhama Bricks**			
	(i) For urban Patna	Nos/1000	5348.00	Rupees Five Thousand Three Hundred Forty Eight and Paise Zero Only
	(ii) For Darbhanga, Bhagalpur, Munger & Muzaffarpur	Nos/1000	4406.00	Rupees Four Thousand Four Hundred Six and Paise Zero Only
	(iii) For Gaya & Saran	Nos/1000	4114.00	Rupees Four Thousand One Hundred Fourteen and Paise Zero Only
	(iv) For Purnea	Nos/1000	4835.00	Rupees Four Thousand Eight Hundred Thirty Five and Paise Zero Only
	(v) For Saharsa	Nos/1000	4549.00	Rupees Four Thousand Five Hundred Forty Nine and Paise Zero Only
	(vi) For rural Patna	Nos/1000	4306.00	Rupees Four Thousand Three Hundred Six and Paise Zero Only
5	**Brick Bats**			
	(i) For urban Patna	Per m^3	1095.00	Rupees One Thousand Ninety Five and Paise Zero Only
	(ii) For Purnea, Saharsa, Bhagalpur, Munger & Darbhanga	Per m^3	1050.00	Rupees One Thousand Fifty and Paise Zero Only
	(iii) For other places	Per m^3	1004.00	Rupees One Thousand Four and Paise Zero Only
	(iv) For rural Patna	Per m^3	1049.00	Rupees One Thousand Forty Nine and Paise Zero Only
6	**Jhama Metals**			
	(a) 63 mm to 40 mm size			
	(i) For urban Patna	Per m^3	1303.00	Rupees One Thousand Three Hundred Three and Paise Zero Only
	(ii) For Purnea, Saharsa, Bhagalpur, Munger & Darbhanga	Per m^3	1247.00	Rupees One Thousand Two Hundred Forty Seven and Paise Zero Only
	(iii) For other places	Per m^3	1222.00	Rupees One Thousand Two Hundred Twenty Two and Paise Zero Only
	(iv) For rural Patna	Per m^3	1273.00	Rupees One Thousand Two Hundred Seventy Three and Paise Zero Only
	(b) 40 mm to 20 mm size			
	(i) For urban Patna	Per m^3	1452.00	Rupees One Thousand Four Hundred Fifty Two and Paise Zero Only
	(ii) For Purnea, Saharsa, Bhagalpur, Munger & Darbhanga	Per m^3	1392.00	Rupees One Thousand Three Hundred Ninety Two and Paise Zero Only
	(iii) For other places	Per m^3	1351.00	Rupees One Thousand Three Hundred Fifty One and Paise Zero Only
	(iv) For rural Patna	Per m^3	1408.00	Rupees One Thousand Four Hundred Eight and Paise Zero Only
	(c) 20 mm and down			
	(i) For urban Patna	Per m^3	1665.00	Rupees One Thousand Six Hundred Sixty Five and Paise Zero Only
	(ii) For Purnea, Saharsa, Bhagalpur, Munger & Darbhanga	Per m^3	1595.00	Rupees One Thousand Five Hundred Ninety Five and Paise Zero Only
	(iii) For other places	Per m^3	1538.00	Rupees One Thousand Five Hundred Thirty Eight and Paise Zero Only
	(iv) For rural Patna	Per m^3	1606.00	Rupees One Thousand Six Hundred Six and Paise Zero Only

Sr. No.	Materials	Unit	Approved Rate	
			in figure (₹)	in words
7	**Surkhi**			
	(i) For urban Patna	Per m^3	1724.00	Rupees One Thousand Seven Hundred Twenty Four and Paise Zero Only
	(ii) For Purnea, Saharsa, Bhagalpur, Munger & Darbhanga	Per m^3	1653.00	Rupees One Thousand Six Hundred Fifty Three and Paise Zero Only
	(iii) For other places	Per m^3	1595.00	Rupees One Thousand Five Hundred Ninety Five and Paise Zero Only
	(iv) For rural Patna	Per m^3	1665.00	Rupees One Thousand Six Hundred Sixty Five and Paise Zero Only

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–अभियंता प्रमुख
भवन निर्माण विभाग, बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–मुख्य अभियंता (असैनिक),
बिहार स्टेट पावर होल्डिंग कंपनी लि0
बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–मुख्य अभियंता (विद्युत),
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
–सह–अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–अभियंता प्रमुख, लोक
स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख,
मुख्यालय, जल संसाधन विभाग, बिहार, पटना।

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
–सह–अभियंता प्रमुख–सह–अपर आयुक्त–सह–
विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना।

Approved Rate for Coarse Sand (Yellow Sand) for year 2018-19

खान एवं भूतत्व विभाग, बिहार सरकार, पटना के ज्ञापांक–प्र0–1 (विविध) बैठक–15/17–285/एम0, पटना दिनांक–15.01.2018 एवं ज्ञापांक–5015 दिनांक–20.10.2017 के अनुसार

1) Rate of Coarse Sand (Yellow Sand) at source (with Royalty & loading)

= Rs 900/-per 100 cft+5% BSMC Commission

= Rs 945/- per 100 cft

i.e. Rs 333.69/cum

Taking Royalty of Sand = Rs 50.00/m3 & loading-unloading charge (by tipper)

= Rs 173.00/m3

Now Rate of Coarse Sand at source excluding Royalty, loading-unloading charge & GST Charge = Rs 333.69 - 50 – 173.00

= Rs 110.69 /m3

समिति के सदस्यों द्वारा पूर्ण विचारोपरान्त Schedule-M/MORTH-1 के मद संख्या M-004 एवं M-005 पर अंकित Coarse Sand का दर Rs 110.69/cum अनुमोदित करने का निर्णय लिया गया।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख भवन निर्माण विभाग, बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, लघु जल संसाधन विभाग, बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–मुख्य अभियंता (असैनिक), बिहार स्टेट पावर होल्डिंग कंपनी लि0 बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–मुख्य अभियंता (विद्युत), भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति –सह–अभियंता प्रमुख, तकनीकी परीक्षण कोषांग, निगरानी विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, लोक स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख, मुख्यालय, जल संसाधन विभाग, बिहार, पटना।

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति –सह–अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना।

Schedule - M / MORTH - 1 Date: 13.03.18

List of Approved Rates of Stone Materials for the Preparation of Schedule of Rates only by the State Level Schedule Rate Committee (Materials Should conform to relevant BIS, MoRD and MoRT&H Specifications). The rates are exclusive of Royality ,GST and Contractor's profit. "Rates are at source"

Sl. No.	Description of materials	Unit	Approved Rate (₹)	Remarks
M-001	Stone Boulder of size 150 mm and below at Crusher Plant	cum	206.33	Excluding Royalty @ ₹ 100.0 per Cum
M-002	Supply of quarried stone 150 - 200 mm size for Hand Broken at site	cum	206.33	Excluding Royalty @ ₹ 100.0 per Cum
M-003	Boulder with minimum size of 300 mm for Pitching at Site	cum	206.33	Excluding Royalty @ ₹ 100.0 per Cum
M-004	Coarse sand i) at source Quarry Koilwar/Sone sand	cum	110.69	Excluding Royalty @ ₹ 50.0 per Cum
M-005	Coarse sand ii) Equivalent to Koilwar/ Sone sand	cum	110.69	Excluding Royalty @ ₹ 50.0 per Cum
M-006	Fine sand at Site	cum	67.66	Excluding Royalty @ ₹ 50.0 per Cum
M-007	Moorum at Site	cum	77.21	Excluding Royalty @ ₹ 55.0 per Cum
M-008	Gravel/Quarry spall at Site	Cum	206.33	Excluding Royalty @ ₹ 100.0 per Cum
M-009	Granular Material or hard murrum for GSB works at Site	Cum	82.52	Excluding Royalty @ ₹ 50.0 per Cum
M-010	Granular Material or hard murrum for GSB works at Mixing Plant	Cum	82.52	Excluding Royalty @ ₹ 50.0 per Cum
M-011	Fly ash conforming to IS: 3812 (Part II & I) at HMP Plant / Batching Plant / Crushing Plant	Cum	0.00	Nil
M-012	Filter media/Filter Material as per Table 300-3 (MORT&H Specification)	Cum	363.19	Excluding Royalty @ ₹ 50.0 per Cum
M-013	Close graded Granular sub-base Material 53 mm to 9.5 mm	cum	472.08	Excluding Royalty @ ₹ 50.0 per Cum
M-014	Close graded Granular sub-base Material 37.5 mm to 9.5 mm	cum	448.09	Excluding Royalty @ ₹ 50.0 per Cum
M-015	Close graded Granular sub-base Material 26.5 mm to 9.5 mm	cum	509.43	Excluding Royalty @ ₹ 50.0 per Cum
M-016	Close graded Granular sub-base Material 9.5 mm to 4.75 mm	cum	487.25	Excluding Royalty @ ₹ 50.0 per Cum
M-017	Close graded Granular sub-base Material 9.5 mm to 2.36 mm	cum	365.72	Excluding Royalty @ ₹ 50.0 per Cum
M-018	Close graded Granular sub-base Material 4.75mm to 2.36 mm	cum	154.77	Excluding Royalty @ ₹ 50.0 per Cum
M-019	Close graded Granular sub-base Material 4.75mm to 75 micron mm	cum	140.08	Excluding Royalty @ ₹ 50.0 per Cum
M-020	Close graded Granular sub-base Material 2.36 mm	cum	140.08	Excluding Royalty @ ₹ 50.0 per Cum
M-021	Stone crusher dust finer than 3mm with not more than 10% passing 0.075 sieve.	cum	89.38	Excluding Royalty @ 10.0 % of price
M-022	Coarse graded Granular sub-base Material 2.36 mm & below	cum	86.98	Excluding Royalty @ ₹ 100.0 per Cum
M-023	Coarse graded Granular sub-base Material 4.75mm to 75 micron mm		86.98	Excluding Royalty @ ₹ 100.0 per Cum
M-024	Coarse graded Granular sub-base Material 4.75 mm to 2.36 mm	cum	101.67	Excluding Royalty @ ₹ 100.0 per Cum
M-025	Coarse graded Granular sub-base Material 9.5 mm to 4.75 mm	cum	434.15	Excluding Royalty @ ₹ 100.0 per Cum
M-026	Coarse graded Granular sub-base Material 26.5 mm to 4.75 mm	cum	404.62	Excluding Royalty @ ₹ 100.0 per Cum
M-027	Coarse graded Granular sub-base Material 26.5 mm to 9.5 mm	cum	456.33	Excluding Royalty @ ₹ 100.0 per Cum
M-028	Coarse graded Granular sub-base Material 37.5 mm to 9.5 mm	cum	394.98	Excluding Royalty @ ₹ 100.0 per Cum
M-029	Coarse graded Granular sub-base Material 53 mm to 26 .5mm	cum	362.57	Excluding Royalty @ ₹ 100.0 per Cum
M-030	Aggregates below 5.6 mm	cum	101.67	Excluding Royalty @ ₹ 100.0 per Cum
M-031	Aggregates 22.4 mm to 2.36 mm	cum	433.34	Excluding Royalty @ ₹ 100.0 per Cum
M-032	Aggregates 22.4 mm to 5.6 mm	cum	433.34	Excluding Royalty @ ₹ 100.0 per Cum
M-033	Aggregates 45 mm to 2.8 mm	cum	375.44	Excluding Royalty @ ₹ 100.0 per Cum
M-034	Aggregates 45 mm to 22.4 mm	cum	383.71	Excluding Royalty @ ₹ 100.0 per Cum
M-035	Aggregates 53 mm to 2.8 mm	cum	375.44	Excluding Royalty @ ₹ 100.0 per Cum

Sl. No.	Description of materials	Unit	Approved Rate (₹)	Remarks
M-036	Aggregates 53 mm to 22.4 mm	cum	362.57	Excluding Royalty @ ₹ 100.0 per Cum
M-037	Aggregates 63 mm to 2.8 mm	cum	331.78	Excluding Royalty @ ₹ 100.0 per Cum
M-038	Aggregates 63 mm to 45 mm	cum	331.67	Excluding Royalty @ ₹ 100.0 per Cum
M-039	Aggregates 90 mm to 45 mm	cum	299.84	Excluding Royalty @ ₹ 100.0 per Cum
M-040	Aggregates 10 mm to 5 mm	cum	434.15	Excluding Royalty @ ₹ 100.0 per Cum
M-041	Aggregates 11.2 mm to 0.09 mm	cum	248.50	Excluding Royalty @ ₹ 100.0 per Cum
M-042	Aggregates 13.2 mm to 0.09 mm	cum	374.53	Excluding Royalty @ ₹ 100.0 per Cum
M-043	Aggregates 13.2 mm to 5.6 mm	cum	520.42	Excluding Royalty @ ₹ 100.0 per Cum
M-044	Aggregates 13.2 mm to 10 mm	cum	549.26	Excluding Royalty @ ₹ 100.0 per Cum
M-045	Aggregates 20 mm to 10 mm	cum	549.26	Excluding Royalty @ ₹ 100.0 per Cum
M-046	Aggregates 25 mm to 10 mm	cum	518.82	Excluding Royalty @ ₹ 100.0 per Cum
M-047	Aggregates 19 mm to 6 mm	cum	433.34	Excluding Royalty @ ₹ 100.0 per Cum
M-048	Aggregates 37.5 mm to 19 mm	cum	383.71	Excluding Royalty @ ₹ 100.0 per Cum
M-049	Aggregates 37.5 mm to 25 mm	cum	383.71	Excluding Royalty @ ₹ 100.0 per Cum
M-050	Aggregates 6 mm nominal size	cum	312.49	Excluding Royalty @ ₹ 100.0 per Cum
M-051	Aggregates 10 mm nominal size	cum	520.42	Excluding Royalty @ ₹ 100.0 per Cum
M-052	Aggregates 13.2/12.5 mm nominal size	cum	549.26	Excluding Royalty @ ₹ 100.0 per Cum
M-053	Aggregates 20 mm nominal size	cum	456.33	Excluding Royalty @ ₹ 100.0 per Cum
M-054	Aggregates 25 mm nominal size	cum	430.48	Excluding Royalty @ ₹ 100.0 per Cum
M-055	Aggregates 40 mm nominal size	cum	345.22	Excluding Royalty @ ₹ 100.0 per Cum

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–अभियंता प्रमुख
भवन निर्माण विभाग, बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–अभियंता प्रमुख,
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–अभियंता प्रमुख,
लघु जल संसाधन विभाग, बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–मुख्य अभियंता (असैनिक),
बिहार स्टेट पावर होल्डिंग कंपनी लि0
बिहार, पटना।

सदस्य
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–मुख्य अभियंता (विद्युत),
भवन निर्माण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
–सह–अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण
समिति–सह–अभियंता प्रमुख, लोक
स्वास्थ्य अभियंत्रण विभाग, बिहार, पटना।

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–सह–अभियंता प्रमुख,
मुख्यालय, जल संसाधन विभाग, बिहार, पटना।

संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
–सह–अभियंता प्रमुख–सह–अपर आयुक्त–सह–
विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना।

RAILWAY ROUTE CHART & FREIGHT

Government of India (Bharat Sarkar)
Ministry of Railways (Rail Mantralaya)
(Railway Board)

No. 2009/TT-III/S/27/1 New Delhi, dt. 6-10-2009

The General Managers (Operating)/(Commercial),

All Indian Railways including Production Units

GENERAL ORDER NO. 1/2009
(RATIONALISATION SCHEME)
(EFFECTIVE FROM 15.10.2009)

Whereas in the opinion of the Railway Board it is necessary to do so in the public interest:

Now, therefore, in exercise of the powers conferred by Section 71 of the Railways Act, 1989 (24 of 1989) read with notification of the Government of India in the Ministry of Railways number G.S.R. 53(E) dated the 23rd January, 1995, the Railway Board hereby directs that all Railway Administration shall carry, unless it is necessary to divert such wagons for operational convenience after the consignments are booked, any goods or class of goods by such route or routes as specified in this order:

S.No.	From	To	Via
1		**Eastern Railway**	
1.1	Coal Traffic from PANEM served by Pakur	Destinations on N.R. and N.C.R.	via Pakur-Sainthia-Andal-Pradhankhunta-Mughalsarai
2		**East Coast Railway**	
2.1	All goods traffic	Stations reached via Cuttuck except stations on Nergundi-Cuttuck-Paradeep section	via Barang-Kapilas Road-bye pass avoiding Cuttuck
2.2	All Goods traffic loaded on ECOR, SCR and SR (except for traffic originating/terminating on the section Jakhapura - Jarauli - DPS)	To destinations for which shortest route is Jakhapura-Nayagarh-Jarauli-Baspani	via Bhadrak
3		**Northern Railway**	
3.1	All Goods Traffic	Destinations reached via Delhi Area or originating / terminating in Delhi Area	via Goods Avoiding Line/Delhi Avoiding Line/Tughalakabad which ever is applicable
	Note: (1) Traffic for Subzi Mandi will also be routed by the direct route.		
3.2	All Goods Traffic from and via Varanasi	Lucknow and beyond	via Janghai - Pratapgarh - Rai Bareily
3.3	Foodgrains traffic originating on Northern Railway and Jodhpur and Bikaner Divisions of North Western Railway	Station on Nagpur – Rourkela (excl.) section including Raipur – Vizianagaram and Jharsuguda – Titlagarh sections for which the shorter route is via Anuppur – Bilaspur	Via Itarsi – Amla – Nagpur / Ajni Bye Pass.

Contd.../3/

4		**North Eastern Railway**	
4.1	All goods traffic from stations of ER, ECR,SER and ECOR and vice versa	To stations on CR,WCR, NR, NCR, NWR and WR and vice versa for which the present shortest route is via MGS-BSB-MBS-ALY	via Mughalsarai - Mirzapur-Allahabad
5		**South Eastern Railway**	
5.1	Iron Ore traffic from Barsuan – Bondamunda section of S.E.Railway	To stations for which shortest route is via Jaruli –Jakhpura and to stations on Kharagpur-Bhadrak-Jhakhpura –Vizianagaram (inclusive) section , Jhakhpura – Paradeep Port and Jhakhpura - Budhapank	Via Tatanagar – Kharagpur- Bhadrak subject to observing Para 2.1 above.
5.2	Iron ore traffic originating at Bolanikhadan, Barbil, Barajamda, Gua , Noamundi and Dongoaposi stations and their associate sidings on South Eastern Railway	Stations on Jaruli-Jakhpura-Cuttack-Paradeep section for which the shortest route is via Banspani-Jaruli-Jakhapura	Via Tatanagar-Kharagpur-Bhadrak
5.3	Iron ore traffic originating at Bolanikhadan, Barbil, Barajamda, Gua and Noamundi stations and their associate sidings on South Eastern Railway	Stations on Kapilas Road – Barang Bye pass and stations on Barang – Visakhapatnam section and via Duvada for which the shortest route is via Banspani-Jaruli-Jakhapura	Via Tatanagar - Kharagpur - Bhadrak subject to observing Para 2.1 above.
6		**South East Central Railway**	
6.1	Coal from Korea-Rewa Coal field of Bilaspur Division of SECR	Stations on Central and via	Via Katni Marwara (KMZ)

6.10.09

Contd... 4/-

6.2	Coal from Korea-Rewa Coal field of Bilaspur Division of SECR	Stations on Southern and South Central Railway and Stations of Bombay Division of Western Railway	Via Katni Marwara (KMZ)-Bina-Khandwa-Bhusaval
6.3	All goods traffic originating on main line of Bilaspur Division {Jharsuguda (exclusive) - Durg (Inclusive) and Uslapur (exclusive)} including all branch lines connected on this section.	Stations on Vadodara & Rajkot Divisions of Western Railway	Via Nagpur - Bhusawal - Jalgaon - Surat.
6.4	All Goods Traffic originating from Bhilai Steel Plant and Durg	Stations on Southern Railway	via Nagpur- Balharshah instead of via R.V. line.

7. The provisions of the Rationalisation Scheme shall not apply to Over Dimensional Consignments, POL traffic and edible salt i.e. salt for human consumption.

8. The rate to be charged will be those chargeable by the route specified above.

9. The provisions of the Rationalisation Scheme will also apply to the branch lines connected with the different sections covered by the Rationalisation Scheme General Order unless categorically specified otherwise.

10. This order is issued in suppression of General Order No. 1/2008 issued under Board's letter No. 2008/TT-III/27/1 dated 11.06.2008 and will come into force with effect from 15.10.2009 and unless cancelled earlier will remain in force up to 31.10.2010.

Please acknowledge receipt.

6-10-09

(Sarat Kumar)
Joint Director Traffic Transp.
Railway Board

DA: 25 spares

Contd..../5/..

No. 2009/TT-III(S)/27/1 New Delhi, dt: 6-10-09

Copy forwarded for information and necessary action to:

1. The Joint Director (Rail Movement), Eastern Railway House, Fairlie Place, 17, N.S. Road, Kolkata.
2. The FA&CAOs ,All Indian Railways.
3. ADAI (Railways) with 10 copies spare, 2nd floor, Rail Bhawan, New Delhi.
4. The Principal, Railway Staff College, Vadodara.
5. Managing Director, Centre for Railway Information System (CRIS), Chanakya Puri, New Delhi.
6. The CAO, FOIS C/o CRIS, Chanakyapuri, New Delhi.
7. The Managing Director, Container Corporation of India Ltd. (CONCOR), CONCOR Bhavan, C-3 Mathura Road, Opposite Apollo Hospital, New Delhi 110076
8. Managing Director, Konkan Railway Corporation Limited, Belapur Bhavan, Plot No.6, Sector 11, CBD, Belapur, Navi Mumbai 400614.
9. The Cabinet Secretariat, Rashtrapati Bhawan, New Delhi.
10. The Planning Commission, Yojna Bhawan, New Delhi.
11. All Ministries of Government of India.
12. The Chief Secretaries, All State Governments.
13. The Salt Commissioner, 2-A Lawan Bhawan, Lawan Marg, Jhalana Dhungari, Post Box No. 139, Jaipur – 302 004.
14. The Dy. Director General, Railway Movement, Army Headquarters, QMG's Branch, DHQ P.O. Sena Bhawan, New Delhi.
15. The Director, Indian Bureau of Mines, Nagpur.
16. The Traffic Manager, Kolkata Port Trust Railway, Kolkata.
17. The Manager, Madras Port Trust Railway, Chennai
18. The Manager, Bombay Port Trust Railway, Mumbai
19. The Chief Traffic Manager, FCI, 16-20 Barakhamba Lane, New Delhi.
20. The Dy.Traffic Manager (Movement) Rates, FCI, 16-20 Barakhamba Lane, New Delhi.
21. The Coal Controller, 1 Council House Street, Kolkata.
22. The State Trading Corporation of India, Chandralok, 30th Janpath, New Delhi.
23. The Chairman, Paradeep Port Trust, Paradip Port, Orissa 754142
24. The Chairman, Tuticorin Port Trust, Tuticorin, 628004.
25. The Chairman, Cochin Port Trust, Willington Island, cochin 682009.
26. The Chairman, Chennai Port Trust, Chennai 600001.
27. The Chairman, Kandala Port Trust, P.O.Box. No.50, Administrative Building, Gandhidham, Kutch, 370201.

6.10.09

(Sanat Kumar)
Joint Director Traffic Trans.
Railway Board

EDTT(M), EDTT(S), EDTT(F), EDFM, EDPM, EDFC, ED(C&IS), EDV (T), EDP, ED(T&C), ED (LRDSS), E.D.A. DTT(G), DTT(COORD), DF(C), DTC (G), DPM, Dir(T&C), DFM, DFA, DF(CCA), DTC (R), Dir(FM), JDTT(POL) CHG/CONTROL,DDTC(CR), DTT(F), DDTT(V), DDTT-III(M), DDTT-III(NB),DDTT-I, DDTC(R),TT-I, TT-II, TT-IV, TT-V, FC, TC (CR), TC-I, TC-II, TC-III, TC-IV, TC (FM), Branches of Railway Board.

भारत सरकार(GOVERNMENT OF INDIA)
रेल मंत्रालय(MINISTRY OF RAILWAYS)
रेलवे बोर्ड (RAILWAY BOARD)

No.TCR/1078/2015/07 New Delhi, dated: 18.11.2016

General Managers
All Indian Railways

Sub: Adjustment in Base Freight Rates- Classification of Commodities

Ref: Board's letter No. TCR/1078/2015/07 dated 16.03.2015 and 20.03.2015 (Rates Circular No. 8 of 2015 and Corrigendum thereto).

1.0 Please refer Board's letter under reference notifying adjustment in Base Freight Rates with effect from 01.04.2015.

2.1 Sanction of the competent authority is hereby accorded to revise the classification of **"Ochre"** appearing under the Main Commodity Head- Clay and Sand from Class-150 to Class-120.

2.2 Accordingly the entries "**Ochre in lumps; Ochre in powder and Ochre, NOC**" may be deleted from Group 7 (a) and be placed in Group No. 7 (b) under the Main Commodity Head- Clay and Sand at Page No. 11 in the Goods Tariff No. 48 Part I (Vol. II).

3.0 All other details of the Rates Circular under reference will continue to apply unchanged.

4.0 These instructions shall come into effect from 24.11.2016 and shall remain in force till further advice.

5.0 This issues with the concurrence of Finance Directorate of Ministry of Railways.

latakumari

(Lata Kumari)
Director, Traffic Commercial (Rates)
(Railway Board)

No.TCR/1078/2015/07 New Delhi, dated: 18.11.2016

FA & CAO, All Indian Railways.
Dy. C&AG(Rlys), Room No.222, Rail Bhavan, New Delhi.

18/11/16.

***for* Financial Commissioner(Railways)**

...2/-

No.TCR/1078/2015/07 New Delhi, dated: 18.11.2016

Copy for information and necessary action to:

1. CCM, All Indian Railways
2. COMs, All Indian Railways
3. Managing Director, CRIS, Chanakya Puri, New Delhi-23
4. The Chief Administrative Officer, FOIS, Northern Railway, Camp: CRIS, Chanakya Puri, New Delhi-23.
5. Managing Director, Konkan Railway Corporation, Belapur Bhavan, Sector-11, CBD Belapur, New Mumbai-400614.
6. Director General, National Academy of Indian Railways, Vadodara.
7. Director, Indian Railways Institute of Transport Management, Campus: Hardoi Bye Pass Road, Village & Post office: Kanausi, Manaknagar, Lucknow.
8. Secretary, Railway Rates Tribunal, 5, P.V.Cherian Road, Crecent Road, Egmore, Chennai- 600105
9. Commissioner of Railway Safety (CRS), Lucknow.

latakumari

(Lata Kumari)
Director, Traffic Commercial (Rates)
(Railway Board)

Copy to:-
OSD to MT
PSO to FC
PPS to: AM(C), AM(T), AM (Vig),
Adv(F), AdvTT(M),
ED(FM),EDTC(R), EDF(C), EDTT(F), EDTT(S), EDME(Frt.),
DF(C), DME(Frt.), D(FM), DDF(C),
TC(CR),TC-I, TC(FM), TT-IV, F(C), Stat-II, Stat(CA), Stat-V, Stat(Econ),
Economic Cell and Budget Branches of Railway Board.

भारत सरकार(GOVERNMENT OF INDIA)
रेल मंत्रालय(MINISTRY OF RAILWAYS)
रेलवे बोर्ड (RAILWAY BOARD)

No. TCR/1078/2015/07 New Delhi, dated 16.03.2015

The General Managers,
All Indian Railways.

Sub: *Adjustments in Base Freight rates effective from 01.04.2015.*

1. Sanction of the Central Government is hereby accorded for the following adjustments in Base Freight rates **with effect from 01.04.2015.**

1.1 The freight structure for the Base Class-100 has been increased by 10%.

1.2 The classification of following commodities has been reduced as under:-

S.No.	Commodity	Existing Class	**Revised Class**
1	Salt for Human consumption	110	**100**
2	Cement	150	**140**
3	Coal and Coke	150	**145**
4	Limestone, Dolomite & Manganese ore	160	**145**
5	Metal Scrap and Pig Iron	160	**150**
6	Slag	150	**140**
7	Iron or Steel	180	**165**
8	Iron ores	180	**165**
9	Petroleum Products	200	**180**
10	Bitumen, Coal Tar and Coal Tar Pitch	170	**160**
11	Kerosene Oil, Liquefied Petroleum Gas (LPG)	180	**165**

2. Rationalisation of Distance Slabs

2.1 The distance slabs beyond 1500 kms have been revised from 250 km to125 km between1501-3500 kms.

2.2 A copy of the combined revised Goods Tariff No.48 Part I (Vol.II) and Goods Tariff No.48, Part-II (Freight Rates Tables) is enclosed herewith.

3. Zonal Railways should ensure that requisite number of copies of the revised Goods Tariff No.48 Part.I (Vol.II) and Goods Tariff No.48 Part.II (Freight Rates Tables) are collected from the General Secretary, IRCA and distributed in time.

...2/-

Rates Circular No 8 of 2015

4. Steps should also be taken to ensure that all relevant personnel are made conversant with the aforesaid revisions, related instructions, etc. promptly. Commercial Inspectors (CMIs) and Traffic Inspectors of Accounts (TIAs) may be deputed to goods sheds/ stations/ sidings etc. for ensuring correct implementation of the instructions, particularly during the initial phase.

This issues with the concurrence of the Finance Directorate of the Ministry of Railways.

(Aashima Mehrotra)
Director, Traffic Comml (Rates)
Railway Board.

No. TCR/1078/2015/07 New Delhi, dated 16.03.2015

Copy for information:-

FA & CAOs, All Indian Railways
Dy.C&AG (Rlys.), Room No.222, Rail Bhavan, New Delhi.

***for* Financial Commissioner(Railways)**

No. TCR/1078/2015/07 New Delhi, dated 16.03.2015

Copy for information and necessary action to:

1. Chief Commercial Managers, All Indian Railways.
2. Executive Director, CRIS Chanakya Puri, New Delhi-21.
3. The Chief Administrative Officer, FOIS, Northern Railway, CRIS, Chanakya Puri, New Delhi-21, to ensure that all relevant provision are duly incorporated in TMS.
4. Managing Director, Konkan Railway Corporation, Belapur Bhavan, Sector-11, CBD Belapur, New Mumbai-400614.
5. Director General, National Academy for IR, Vadodara.
6. GS/IRCA, New Delhi.
7. Director, IRITM, Campus: Hardoi Bye Pass Road, Village & Post office, Kanausi, Manaknagar, Lucknow.
8. Managing Director, Pipavav Railway Corporation Ltd., Jeevan Tara Building, 1st Floor, Gate No.4, Sansad Marg, New Delhi - 110001.

(Aashima Mehrotra)
Director, Traffic Comml (Rates)
Railway Board.

Copy to:-

CRB, FC, MT,
AM.(C),AM (Vig), AM (T&C), AM (C&IS), AM(T), Adv.(F), EDPG, EDPM, ED(T&C), EDTT(F), EDTT(M), EDVT, EDF(C), D(FM),
TC(CR),TC-I, TC-II, TC-III, TC-IV, TT-I, TT-II,TC(FM), STAT-II, STAT(CA),
STAT-V, STAT(Econ), F(C), Economic Cell and Budget Branches of Railway Board.

GUIDING PRINCIPLES FOR CLASSIFICATION AND GENERAL RULES FOR CHARGING OF FREIGHT

1.0 Classifications of the commodities have been given in the Goods Tariff under Main Commodity Heads and three divisions of low rated commodities.

2.0 The classification of different commodities under the Main Commodity Head given in the Goods Tariff, if not explicitly mentioned otherwise, will be same for their different physical forms/shapes and different conditions, (whether raw or manufactured etc).

2.1 Certain articles have been arranged into divisions distinguished by letters of the alphabet, and certain other into group indexed to a main-head to which they belong under the words *"Includes"* or *"As under"*. They are also entered in their position in alphabetical order in the classification. The items indexed to a main-head under the word *"Includes"* do not necessarily exhaust the definition of the main head but items indexed to a main-head under the words *"As under"* must be considered as exhaustive.

3.0 A commodity, which has not been included in any of the Main Commodity Heads or three divisions of low rated commodities given in the Goods Tariff, will be charged at Composite Base freight rates applicable for the wagon type in which it is loaded. The base rates are as under:-

Type of wagon	Applicable Class
Tank Wagons	Class-200
Flat Wagons	Class-180
Open (including Hoppers) Wagons	Class-160
Covered Wagons	Class-150

4.0 Proposal for assigning trainload classification of a commodity not indicated in the Goods Tariff but having a potential for block rake loading may be sent to Railway Board.

5.0 Only train load classification of commodities has been indicated in the Goods Tariff. The classification for wagonload movement of the commodity will be as under:-

	Trainload Class	**Wagonload Class**
(a)	Up to Class LR_1	Class 120
(b)	Above Class LR_1 And up to Class-190	One Class higher than Trainload class rate or Class-150, whichever is higher
(C)	Class-200	Base Freight rate of Class-200 + 5%

5.1 MG and NG System: Notwithstanding anything contained in Para 5.0, the Wagonload Class of all commodities shall be one Class higher than their respective Trainload class when loaded on Metre Gauge (MG) and Narrow Gauge (NG) system. However, for the commodities in the highest Class, the Wagonload Class will be same as Trainload Class.

6.0 Exceptions in the classification or weight for charge etc. have been indicated in a "subhead" given in the Goods Tariff below the particular Main Commodity Head.

7.0 In case of any disparity in classification between English and Hindi version, the classification given in English version shall prevail.

8.0 Dangerous/hazardous commodities are indicated with alphabet "d" in the column 'Type of commodity'. These commodities are to be charged at the class indicated for the Main Commodity Head. However, all other dangerous/hazardous commodities, not listed in the Goods Tariff but listed in the "Red Tariff", will be charged at the highest Class-200. Dangerous commodities will not be booked for transportation by Rail unless they are listed in the "Red Tariff".

8.1 All conditions for carriage of dangerous/hazardous commodities, as laid down in the Red Tariff, must be followed.

9.0 The chargeable weight for all commodities shall be Permissible Carrying Capacity (PCC) of the wagon notified from time to time.

10.0 Minimum distance for charge shall be 125 kms for all commodities.

11.0 Freight charges for traffic booked under provisions of Goods Tariff will be rounded off to the next higher rupee. Such rounding off of freight per Railway Receipt will be done only once after adding all

applicable charges/surcharges like surcharges under Dynamic Pricing policy, etc.

12.0 Pre-payment of freight is compulsory for all commodities. In case of E-payment, TMS will permit issue of 'Paid E-RR' when a positive confirmation from Bank is received regarding collection of freight. If Bank sends a message of insufficient funds, system will issue 'To-pay' E-RR. If no message is received from the Bank within 150 seconds for any reason whatever, then system will issue a Paid E-RR subject to conditions laid down for 'Procedure in case of exigencies' under e-payment guidelines.

13.0 The commodities attached with "OR" in the column "Risk Rate" will be charged/booked at Owner's Risk. However, commodities with OR rate can be booked at RR rate on payment of 20% surcharge. In all other cases, where "OR" does not appear, commodities be treated to have been charged/booked at Railway Risk Rate.

14.0 Packing condition given against the main commodity head shall also apply to all commodities mentioned under that main commodity head unless other packing condition is specifically mentioned against the respective commodity.

14.1 Consignors will have to ensure that the commodities offered for transportation by railways are not defectively or improperly packed depending upon the nature of the commodity and the method of transportation such as in loose condition, in bulk, in bagged condition etc. It should be ensured that the commodities are packed in such a manner that they are not liable to damage, deterioration, leakage or wastage during transit.

14.2 It should be ensured that the commodities are packed in bags, containers, drums, cases, cartons etc. of high quality and adequate strength, which can withstand the rigours of transportation and also provide ease of handling. Commodities loaded in loose condition such as bamboos, timber, Iron & steel etc. must be securely tied.

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Commodity Index

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GENERAL CLASSIFICATION OF GOODS

Group No	Commodity	Packing Conditions	Chargeable Weight	Payment freight	Risk Rate	Type of commodity	Base Class (Trainload)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
GENERAL TARIFF LINES							
1	**Acids and Alcohols**	P5	PCC	p	RR		**200**
	As under:-						
	Absolute Alcohols					d	
	Acetic Acid					d	
	Benzoic Acid						
	Benzyl Alcohols						
	Boric Acid						
	Butyl alcohol						
	Citric Acid						
	Hydrochloric Acid					d	
	Nitric Acid					d	
	Phosphoric Acid					d	
	Spirit					d	
	Sulphuric Acid					d	
2	**Alloys and Metals**	P2(a)	PCC	p	RR		**180**
	As under:-						
	Alloy pipes						
	Alloy Steel						
	Alumina						
	Aluminimum Ingots & Billets						
	Aluminium Powder					d	
	Brass						
	Copper Anode & Cathode						
	Copper concentrates						
	Copper Ingot & Slab						
	Ferro Chrome						
	Ferro Manganese						
	Ferro Silicon					d	
	Kansa						
	Lead						
	Silico Chrome						
	Silicon						
	Silicon Manganese						
	Tin plate						
	Zinc						
3	**Bricks and Stones**	P2(a)	PCC	p	OR		**150**
	As under:-						
	Ballast						
	Ballast chips						
	Ceramic tiles						
	Chakkees						
	Flooring tiles						
	Flooring Stone						
	Glass Stone						
	Granite						
	Gravel						
	Kota Stone						
	Kunker						
	Marble chips						
	Marble dressed						
	Marble un-dressed						
	Mill Stone						
	Quartz (Chips, Gravels, Powder & Stone)						
	Roller Stone						

GENERAL CLASSIFICATION OF GOODS

Group No	Commodity	Packing Conditions	Chargeable Weight	Payment freight	Risk Rate	Type of commodity	Base Class (Trainload)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Sanitory wares						
	Slate						
	Slate Stone						
	Stone Dust						
	Stone Grit						
	Stone Pillars						
	Stone Ware						
	Stone, Cut and/or Engraved						
3 (a)	Bricks broken						**130**
	Fire bricks						
4	**Caustic Potash and Soda**	P1 or P5	PCC	p	RR		**140**
	As under:-						
	Caustic potash liquor					d	
	Caustic potash solid						
	Caustic soda						
	Caustic soda liquor					d	
	Caustic soda lye					d	
	Chlorate of Soda					d	
	Soda ash						
	Soda Bicarbonate						
	Sulphur	P1					
	Washing soda						
5	**Cement**	P1	PCC	p	RR		**140**
	As under:-						
	Acid resisting Cement	P5					
	Asbestos	P1					
	Cement Blocks						
	Cement Clinker	P2(a)					
	Cement manufactured	P2(b), P4					
	Cement Pipes	P2(b)					
	Cement sheets						
	Cement Tiles	P4					
	Coloured Cement						
	Superfine Cement	P1					
	White Cement						
5 (a)	Fly ash	P2(a)		p			**120**
6	**Chemical Manures***	P1	PCC	p	RR		**130**
	As under:-						
	Ammonium Nitrophosphate						
	Ammonium Phosphate						
	Ammonium Sulphate Nitrate						
	Bentonite Sulphur Pastilles (Straight Sulphur Fertilizer)						
	Calcium Ammonium Nitrate						
	Calcium Nitrate					d	
	Calcium Sulphate						
	Complex Fertilizers						
	Cynamide						
	Di-Ammonium Phosphate						
	Ground Phosphate						
	Lime Nitrogen						
	Manure mixture						
	Mineral Phosphate						
	Muriate of Ammonia (Ammonia Chloride)						
	Muriate of Potash						
	Mycelium						

GENERAL CLASSIFICATION OF GOODS

Group No	Commodity	Packing Conditions	Chargeable Weight	Payment freight	Risk Rate	Type of commodity	Base Class (Trainload)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	N.P.K.Fertilizer Nitrolim Nitrophoska Rock Phosphate (in Bag) Rock Phosphate (in Loose) Single Super Phosphate Sulphate of Ammonia Sulphate of Zinc Super Phosphate Triple Super Phosphate Urea Urea Ammonium Phosphate 20.20.0 Urvara Water Soluble fertilizer	P2(a)					
Note	***Apart from the commodities listed above as Chemical Manures, the Chemical Manures included in the Fertiliser Control Order issued by the Ministry of Agriculture and Rural Development (Department of Agriculture and Co-operation), would be treated as Chemical Manures and may be charged at Class notified for Chemical Manures"***						
7	**Clay and Sand** *Includes:-* Brick Earth Ground silica Luting sand Ochre Red Mud White Clay (Lumps/Powder)	P2(a)	PCC	p	RR		**150**
7 (a)	Bentonite powder China Clay Fire Clay						**120**
8	**Coal and Coke** *Includes:-* Calcined Petroleum coke Coal Dust Coal Shale Coke hard Coke soft Coking coal Coke Lignite Metallurgical coke Patent Fuel (as coal) Petroleum coke Raw Petroleum coke Middling Run of Mines Coal (ROM) Steam coal Washed Coal	P2(a)	PCC	p	OR		**145**

GENERAL CLASSIFICATION OF GOODS

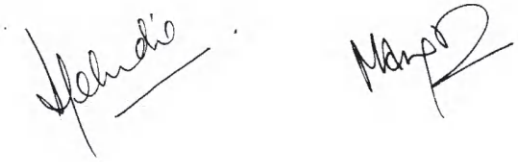
Group No	Commodity	Packing Conditions	Chargeable Weight	Payment freight	Risk Rate	Type of commodity	Base Class (Trainload)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
9	**Foodgrains, Flours and Pulses** *Includes:-* Atta Bajra Besan Chana Dal Gram Jowar Maida Maize Moong Dal Musoor Dal Paddy Rice Suji Toor Dal Urad Dal Wheat	P1 & S2	PCC	p	RR		**130**
10	**Fish Meal** Floating Fish Feed	P1	PCC	p	RR		**100**
11	***Hydrogenated and Other Edible Oils** *As under:-* All refined & non-refined edible oils Castor oil Groundnut Oil Mustard Oil Palm Oil Sunflower oil Vanaspati Ghee	P5	PCC	p	RR		**140**
Note	***will be charged at Class-LR3, when booked in covered wagons and Class-100 when booked in 4 wheeled Tank Wagon.**						
12	**Iron or Steel** *Includes:-* Angles Billets Blooms Cold Rolled Sheets / Coils Colliery Arch & Z-Piling Flat, iron or steel Girders Hot Rolled Sheets / Coils Ingots Iron Mill Scale Stainless steel Lattice/Transmission Tower Parts	P2(b)	PCC	p	RR		**165**
12(a)	Steel Pipes Wire rod coils						**130**

GENERAL CLASSIFICATION OF GOODS

Group No	Commodity	Packing Conditions	Chargeable Weight	Payment freight	Risk Rate	Type of commodity	Base Class (Trainload)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
13	**Leather, Rubber and Plastic** *As under:-* Hides & Skins Leather cloth Leather goods Leather refuse Plastic Goods PVC Pipes Rubber crude Rubber Tyres & Tubes	P2(b)or P4 P3	PCC	p	OR		**100**
13 (a)	PVC Powder						**110**
1 4	**Minerals and Ores** *Includes:-* Alunite Barytes powder Bauxite Calcite Chrome ore Dunite Ilmenite ore Iron pyrites Laterite Lithium ores Pyroxinite Soap Stone Zinc ores	P2(a)	PCC	p	RR		**160**
14 (a)	Chemical Gypsum Gypsum Gypsum in lumps / powder						**150**
14 (b)	Hot Briquetted Iron Iron Ores Iron ores for Export *(distance based charge shall be levied in addition)* Sinter						**165**
14 (c)	Dolomite Dolomite powder/lumps Lime (including Hydrated Lime, Quick Lime, Burnt Lime & Lime Powder) Lime stone Lime stone powder / lumps Manganese ores						**145**
15	**Machinery and Machine tools** *As under:-* Boilers Cranes Engines Machinery parts Sewing machine	P4	PCC	p	OR		**100**

GENERAL CLASSIFICATION OF GOODS

Group No	Commodity	Packing Conditions	Chargeable Weight	Payment freight	Risk Rate	Type of commodity	Base Class (Trainload)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
16	**Metal Scrap and Pig Iron** *As under:-* Brass scrap Copper scrap Iron scrap Sponge Iron	P2(a) & S1	PCC	p	RR		**150**
16 (a)	Ground Granulated Blast Furnace Slag Slag						**140**
17	**Oil Cakes and Seeds** *As under:-* Cotton Seed Cotton Seed oil cakes Cotton Seed waste De-oiled Cakes (Pellets/Powder) De-oiled rice bran Gingerly Seed Linseed Mustard Seed Rape Seed Soyabean Sunflower Sal Seed	P1	PCC	p	RR		**120**
18	**Petroleum Products and *Gases** *As under:-* Aviation spirit Aviation Turbine Fuel (ATF) Carbon Black Feed Stock (CBFS) Compressed gases Crude oil Diesel Oil Furnace oil Hexane High Speed Diesel (HSD) Light Diesel Oil Low sulphur heavy stock Methane gas Naphtha Paraffin oil Petrol (Motor Spirit) Alkylate Reformat Residual Fuel Oil (RFO)		PCC	p	RR	d	**180**
18 (a)	Bitumen Coal Tar Coal Tar Pitch (Solid) Coal Tar Pitch	P5 P1					**160**
18 (b)	Kerosene Oil Liquefied Petroleum Gas (LPG)					d	**165**
18 (c)*	*Ammonia liquified gas* *Argon gas* *Nitrogen gas*						**200**



GENERAL CLASSIFICATION OF GOODS

Group No	Commodity	Packing Conditions	Chargeable Weight	Payment freight	Risk Rate	Type of commodity	Base Class (Trainload)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
19	**Salt** *As under:-* Earth Salt Iodised Salt Non-refined Salt Ordinary non-refined salt for human consumption (Iodised Salt / Salt meant for human consumption) Refined Salt Rock Salt Vacuum Salt	P1 & S3	PCC	p	OR		**100**
19 (a)	Salt for Industrial use	P1					**120**
20	**Soap** *As under:-* Liquid soap Synthetic soap	P1 or P2(a) or P4 or P5	PCC	p	RR		**120**
21	**Sugar** *As under:-* Sugar candy	P1	PCC	p	RR		**120**
22	**Miscellaneous**		PCC	p	RR		
	Betel Nuts	P1					**150**
	Chalk Calcium Carbonate	P1					**140**
	Chalk in lumps or powder	P1					**140**
	Glucose	P4 or P5					**150**
	Gunnies	P3					**120**
	Household effects	P3					**150**
	Molasses	P5					**150**
	Mono Calcium Phosphate for Animal, Aqua and Poultry feed	P1					**130**
	Putty	P2(a)					**150**
	Starch	P1 or P4 or P5					**120**
LOW RATED TARIFF LINES							
23	**DIVISION -'A'**						
	Electrical appliances and fittings *As under:-* Dry Batteries, Dynamos Electric Motors / Pumps / Generators Electric wires Electrical Bulbs Electrical Fans Fuse wire	P4	PCC	p	RR		**LR1**
	Empty drums, Jerrycans and Barrels	P2(b)			RR		**LR1**
	Jagree and Jagree Powder	P1			RR		
	Fireworks				RR	d	
	Jute	P3			RR		
	Milk and Milk products	P4 or P5			OR		
	Organic Manures	P2(a)			RR		
	Paints and Polishes Colours and Dyes	P5			RR		

GENERAL CLASSIFICATION OF GOODS

Group No	Commodity	Packing Conditions	Chargeable Weight	Payment freight	Risk Rate	Type of commodity	Base Class (Trainload)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Timber	P2(b)			RR		**LR1**
	As under:-						
	Fire Wood				OR		
	Plywood in boards, panels						
	Sandal wood						
	Splints for matches						
	Wood pieces						
	Timber waste						**LR2**
	Vegetable oil pitches	P5			RR		**LR1**
	Water				RR		**LR1**
24	**DIVISION -'B'**						
	Boiler Components	P4	PCC	p	RR		**LR2**
	Charcoal	P2(a)			OR		
	Paper	P3			RR		
	As under:-						
	Card Boards						
	Paper in reels / rolls						
	Paper waste						
	Paper cuttings						
	Paper sludge						
25	**DIVISION -'C'**						
	Bamboos	P2(b)	PCC	p	RR		**LR3**
	As under:-						
	Bamboo chips						
	Bamboo Crushed						
	Bamboo pulp						
	Sticks						
	Brooms	P2(b)			RR		
	Coffee and Tea	P4			RR		
	Coir	P2(b)			RR		
	Cotton and other Textiles	P3			RR		**LR3**
	As under:-						
	Bed Sheets						
	Cotton half / full pressed						
	Cotton raw						
	Hand spun yarn cotton						
	Khaddar						
	Silk						
	Synthetic Yarns						
	Towels						
	Wool						
	Fodder and Husk	P2(a)			RR		**LR3**
	As under:-						
	Bhoosa						
	Chari						
	Dry Grass						
	Cotton Seed Husk						
	Coconut husk	P1					
	Gram husk	P1					
	Kirby	P1					
	Kirby Kutti (Kuttar)						
	Paddy Husk	P1					
	Peas husk	P1					
	Toor husk						
	Wheat bran (chokar)	P1					
	Chuni	P1					**LR1**

GENERAL CLASSIFICATION OF GOODS

Group No	Commodity	Packing Conditions	Chargeable Weight	Payment freight	Risk Rate	Type of commodity	Base Class (Trainload)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Fruits and Vegetables	P2(a)			OR		**LR3**
	As under:-						
	Banana						
	Dates						
	Garlic						
	Mango	P4					
	Orange	P4					
	Onions	P2(a)					
	Potatoes	P2(a)					
	Groceries	P1			RR		**LR3**
	As under:-						
	Alum						
	Chillies, Dry Chillies						
	Edible snacks						
	Extruded foods						
	Jeera						
	Pepper						
	Spices						
	Maize Flakes						
	Rice flakes						
	Rice Parched						
	Sago common						
	Turmeric						
	Soya Protein Textured						**120**
	I V and Insecticide fluid	P5			RR		**LR3**
	Live stock				OR		
	***Motor vehicles**	P6 (a)&(b)			OR		
Note	** The "standardized" CC of NMG & BCCN wagons shall be 58.8 tonnes.*						
	Sugarcane & Bagasse	P2(a)			RR		

INDIAN RAILWAY CONFERENCE ASSOCIATION

FREIGHT RATE TABLES

APPLICABLE ON INDIAN RAILWAYS

With effect from 01.04.2015

GOODS TARIFF NO.48 (Part II)

Distance (kilometres)	FREIGHT RATE PER TONNE (in ₹)					
	LR3	LR2	LR1	Class-100	Class-110	Class-120
1 - 125	99.20	113.40	134.70	141.80	156.00	170.20
126 - 150	115.20	131.80	164.30	172.90	190.20	207.50
151 - 175	129.30	147.70	184.10	193.80	213.20	232.60
176 - 200	144.40	165.10	205.90	216.70	238.40	260.00
201 - 225	158.60	181.30	226.00	237.90	261.70	285.50
226 - 250	173.80	198.70	247.70	260.70	286.80	312.80
251 - 275	189.00	215.90	269.30	283.50	311.90	340.20
276 - 300	204.10	233.10	290.70	306.00	336.60	367.20
301 - 325	218.10	249.30	310.90	327.30	360.00	392.80
326 - 350	232.90	266.10	331.90	349.40	384.30	419.30
351 - 375	247.60	283.00	352.90	371.50	408.70	445.80
376 - 400	262.80	300.30	374.30	394.00	433.40	472.80
401 - 425	277.90	317.50	395.90	416.70	458.40	500.00
426 - 450	292.80	334.60	417.20	439.20	483.10	527.00
451 - 475	307.60	351.50	438.20	461.30	507.40	553.60
476 - 500	323.00	369.10	460.20	484.40	532.80	581.30
501 - 550	353.30	403.90	503.60	530.10	583.10	636.10
551 - 600	383.60	438.40	546.60	575.40	632.90	690.50
601 - 650	413.50	472.60	589.30	620.30	682.30	744.40
651 - 700	443.40	506.70	631.80	665.00	731.50	798.00
701 - 750	473.30	541.00	674.60	710.10	781.10	852.10
751 - 800	502.80	574.60	716.60	754.30	829.70	905.20
801 - 850	532.40	608.40	758.70	798.60	878.50	958.30
851 - 900	561.90	642.10	800.60	842.70	927.00	1011.20
901 - 950	591.10	675.60	842.40	886.70	975.40	1064.00
951 - 1000	620.50	709.20	884.20	930.70	1023.80	1116.80
1001 - 1100	679.70	776.90	968.60	1019.60	1121.60	1223.50
1101 - 1200	739.20	844.80	1053.30	1108.70	1219.60	1330.40
1201 - 1300	798.30	912.30	1137.50	1197.40	1317.10	1436.90
1301 - 1400	857.10	979.60	1221.30	1285.60	1414.20	1542.70
1401 - 1500	915.90	1046.70	1305.10	1373.80	1511.20	1648.60
1501 - 1625	973.10	1111.90	1386.40	1459.40	1605.30	1751.30
1626 - 1750	1047.90	1197.50	1493.10	1571.70	1728.90	1886.00
1751 - 1875	1077.50	1231.50	1535.40	1616.20	1777.80	1939.40
1876 - 2000	1149.30	1313.50	1637.70	1723.90	1896.30	2068.70
2001 - 2125	1160.80	1326.70	1654.20	1741.30	1915.40	2089.60
2126 - 2250	1229.10	1404.70	1751.50	1843.70	2028.10	2212.40
2251 - 2375	1240.40	1417.50	1767.40	1860.40	2046.40	2232.50
2376 - 2500	1305.60	1492.00	1860.40	1958.30	2154.10	2350.00
2501 - 2625	1325.90	1515.50	1889.60	1989.10	2188.00	2386.90
2626 - 2750	1389.10	1587.60	1979.60	2083.80	2292.20	2500.60
2751 - 2875	1408.90	1610.20	2007.60	2113.30	2324.60	2536.00
2876 - 3000	1470.20	1680.10	2094.90	2205.20	2425.70	2646.20
3001 - 3125	1489.10	1701.70	2121.90	2233.60	2457.00	2680.30
3126 - 3250	1548.60	1769.80	2206.90	2323.00	2555.30	2787.60
3251 - 3375	1567.20	1791.00	2233.30	2350.80	2585.90	2821.00
3376 - 3500	1625.30	1857.40	2315.90	2437.80	2681.60	2925.40

Distance (kilometres)			FREIGHT RATE PER TONNE (in ₹)					
			Class-130	Class-140	Class-145	Class-150	Class-160	Class-165
1	-	125	184.30	198.50	205.60	212.70	226.90	234.00
126	-	150	224.80	242.10	250.70	259.40	276.60	285.30
151	-	175	251.90	271.30	281.00	290.70	310.10	319.80
176	-	200	281.70	303.40	314.20	325.10	346.70	357.60
201	-	225	309.30	333.10	345.00	356.90	380.60	392.50
226	-	250	338.90	365.00	378.00	391.10	417.10	430.20
251	-	275	368.60	396.90	411.10	425.30	453.60	467.80
276	-	300	397.80	428.40	443.70	459.00	489.60	504.90
301	-	325	425.50	458.20	474.60	491.00	523.70	540.00
326	-	350	454.20	489.20	506.60	524.10	559.00	576.50
351	-	375	483.00	520.10	538.70	557.30	594.40	613.00
376	-	400	512.20	551.60	571.30	591.00	630.40	650.10
401	-	425	541.70	583.40	604.20	625.10	666.70	687.60
426	-	450	571.00	614.90	636.80	658.80	702.70	724.70
451	-	475	599.70	645.80	668.90	692.00	738.10	761.10
476	-	500	629.70	678.20	702.40	726.60	775.00	799.30
501	-	550	689.10	742.10	768.60	795.20	848.20	874.70
551	-	600	748.00	805.60	834.30	863.10	920.60	949.40
601	-	650	806.40	868.40	899.40	930.50	992.50	1023.50
651	-	700	864.50	931.00	964.30	997.50	1064.00	1097.30
701	-	750	923.10	994.10	1029.60	1065.20	1136.20	1171.70
751	-	800	980.60	1056.00	1093.70	1131.50	1206.90	1244.60
801	-	850	1038.20	1118.00	1158.00	1197.90	1277.80	1317.70
851	-	900	1095.50	1179.80	1221.90	1264.10	1348.30	1390.50
901	-	950	1152.70	1241.40	1285.70	1330.10	1418.70	1463.10
951	-	1000	1209.90	1303.00	1349.50	1396.10	1489.10	1535.70
1001	-	1100	1325.50	1427.40	1478.40	1529.40	1631.40	1682.30
1101	-	1200	1441.30	1552.20	1607.60	1663.10	1773.90	1829.40
1201	-	1300	1556.60	1676.40	1736.20	1796.10	1915.80	1975.70
1301	-	1400	1671.30	1799.80	1864.10	1928.40	2057.00	2121.20
1401	-	1500	1785.90	1923.30	1992.00	2060.70	2198.10	2266.80
1501	-	1625	1897.20	2043.20	2116.10	2189.10	2335.00	2408.00
1626	-	1750	2043.20	2200.40	2279.00	2357.60	2514.70	2593.30
1751	-	1875	2101.10	2262.70	2343.50	2424.30	2585.90	2666.70
1876	-	2000	2241.10	2413.50	2499.70	2585.90	2758.20	2844.40
2001	-	2125	2263.70	2437.80	2524.90	2612.00	2786.10	2873.10
2126	-	2250	2396.80	2581.20	2673.40	2765.60	2949.90	3042.10
2251	-	2375	2418.50	2604.60	2697.60	2790.60	2976.60	3069.70
2376	-	2500	2545.80	2741.60	2839.50	2937.50	3133.30	3231.20
2501	-	2625	2585.80	2784.70	2884.20	2983.70	3182.60	3282.00
2626	-	2750	2708.90	2917.30	3021.50	3125.70	3334.10	3438.30
2751	-	2875	2747.30	2958.60	3064.30	3170.00	3381.30	3486.90
2876	-	3000	2866.80	3087.30	3197.50	3307.80	3528.30	3638.60
3001	-	3125	2903.70	3127.00	3238.70	3350.40	3573.80	3685.40
3126	-	3250	3019.90	3252.20	3368.40	3484.50	3716.80	3833.00
3251	-	3375	3056.00	3291.10	3408.70	3526.20	3761.30	3878.80
3376	-	3500	3169.10	3412.90	3534.80	3656.70	3900.50	4022.40

Distance (kilometres)	FREIGHT RATE PER TONNE (in ₹)			
	Class-170	Class-180	Class-190	Class-200
1 - 125	241.10	255.20	269.40	283.60
126 - 150	293.90	311.20	328.50	345.80
151 - 175	329.50	348.80	368.20	387.60
176 - 200	368.40	390.10	411.70	433.40
201 - 225	404.40	428.20	452.00	475.80
226 - 250	443.20	469.30	495.30	521.40
251 - 275	482.00	510.30	538.70	567.00
276 - 300	520.20	550.80	581.40	612.00
301 - 325	556.40	589.10	621.90	654.60
326 - 350	594.00	628.90	663.90	698.80
351 - 375	631.60	668.70	705.90	743.00
376 - 400	669.80	709.20	748.60	788.00
401 - 425	708.40	750.10	791.70	833.40
426 - 450	746.60	790.60	834.50	878.40
451 - 475	784.20	830.30	876.50	922.60
476 - 500	823.50	871.90	920.40	968.80
501 - 550	901.20	954.20	1007.20	1060.20
551 - 600	978.20	1035.70	1093.30	1150.80
601 - 650	1054.50	1116.50	1178.60	1240.60
651 - 700	1130.50	1197.00	1263.50	1330.00
701 - 750	1207.20	1278.20	1349.20	1420.20
751 - 800	1282.30	1357.70	1433.20	1508.60
801 - 850	1357.60	1437.50	1517.30	1597.20
851 - 900	1432.60	1516.90	1601.10	1685.40
901 - 950	1507.40	1596.10	1684.70	1773.40
951 - 1000	1582.20	1675.30	1768.30	1861.40
1001 - 1100	1733.30	1835.30	1937.20	2039.20
1101 - 1200	1884.80	1995.70	2106.50	2217.40
1201 - 1300	2035.60	2155.30	2275.10	2394.80
1301 - 1400	2185.50	2314.10	2442.60	2571.20
1401 - 1500	2335.50	2472.80	2610.20	2747.60
1501 - 1625	2481.00	2626.90	2772.90	2918.80
1626 - 1750	2671.90	2829.10	2986.20	3143.40
1751 - 1875	2747.50	2909.20	3070.80	3232.40
1876 - 2000	2930.60	3103.00	3275.40	3447.80
2001 - 2125	2960.20	3134.30	3308.50	3482.60
2126 - 2250	3134.30	3318.70	3503.00	3687.40
2251 - 2375	3162.70	3348.70	3534.80	3720.80
2376 - 2500	3329.10	3524.90	3720.80	3916.60
2501 - 2625	3381.50	3580.40	3779.30	3978.20
2626 - 2750	3542.50	3750.80	3959.20	4167.60
2751 - 2875	3592.60	3803.90	4015.30	4226.60
2876 - 3000	3748.80	3969.40	4189.90	4410.40
3001 - 3125	3797.10	4020.50	4243.80	4467.20
3126 - 3250	3949.10	4181.40	4413.70	4646.00
3251 - 3375	3996.40	4231.40	4466.50	4701.60
3376 - 3500	4144.30	4388.00	4631.80	4875.60

FREIGHT RATE CIRCULARS - 2017

Rate Ins. No.	Letter No.	Subject	Issued Date	Ref.	Supersedes	Superseded by	Validity	
							From	To
Corrigendum No- 12 to Rates Master Circular/PCC/2015/0 NEW!	TCR/1394/2017/05	Designed Tre weight, Permissible Carrying Capacity and Loading Tolerance of BRN wagon	21.12.2017	RMC/PCC/2015/0 dated 19.10.2015 and corrigenda thereto.	-	-	25.12.2017	TFA
Corrigendum No- 11 to Rates Master Circular/PCC/2015/0 NEW!	TCR/1394/2017/04	Permissible Carrying Capacity (PCC), Standard Rake Size and Loading Tolerance of BOXNS Wagons.	15.12.2017	RMC/2016 dated 14.07.2016 on Block Rake/Mini Rake/Two point combination and corrigenda thereto. And RMC/PCC/2015/0 dated 19.10.2015 and corrigenda thereto.	-	-	18.12.2017	TFA
Corrigendum No- 11 to Rates Master Circular dated 14.07.2006 /Block Rakes/Mini Rake/Two Point Combination etc	TCR/1394/2017/04	Permissible Carrying Capacity (PCC), Standard Rake Size and Loading Tolerance of BOXNS Wagons.	15.12.2017	RMC/2016 dated 14.07.2016 on Block Rake/Mini Rake/Two point combination and corrigenda thereto. And RMC/PCC/2015/0 dated 19.10.2015 and corrigenda thereto.	-	-	18.12.2017	TFA
Corrigendum No- 10 to RMC/2016 on Block Rakes/ Mini Rakes/ Two Point Combination Etc.	TCR/1017/2017/03	Policy Guidelines-Transportation Products- Two point combination for steel traffic.	20.11.2017	RMC/2016 dated 14.07.2016 on Block Rake/Mini Rake/Two point combination and corrigenda thereto.	Corrigendum No- 09 to RMC/2016 on Block Rakes/ Mini Rakes/ Two Point Combination Etc.	-	21.11.2017	TFA
Corrigendum No- 09 to RMC/2016/Block Rakes/ Mini Rakes/ Two Point Combination Etc.	TCR/1017/2017/03	Policy Guidelines-Transportation Products- Two point combination for steel traffic	20.11.2017	RMC/2016 dated 14.07.2016 on Block Rake/Mini Rake/Two point combination and corrigenda thereto	-	Corrigendum No- 10 to RMC/2016 on Block Rakes/ Mini Rakes/ Two Point Combination Etc.	21.11.2017	TFA
Corrigendum-2 to RMC/Demurrage-Wharfage/2016/0	TC-I/2016/201/1	Free Time for loading of Rakes of Coal and Iron Ore	07.11.2017				07.11.2017	31.03.2018
Corigendum No. 13to RMC/CRT-CCR-Hub & Spoke/2015/0	TC-1/2014/302/2	Container Rail Terminal (CRT), Container Class Rate(CCR) and Hub & Spoke System of Charging	06.11.2017	-	-	-	06.11.2017	TFA
Corrigendum No 10 to Rates Master Circular/PCC/2015/0	TCR/1394/2017/02	Permissible Carrying Capacity of "BFNS 22.9" Wagons (Maximum Axle Load 22.9 T)	30.10.2017	Board's Rates Master Circular/PCC/2015/0 dated 19.10.2015	-	-	03.11.2017	TFA
Corrigendum No. 8 to Rates Master Circular/ 2016 dated 14.07.2016 on Block Rakes/Mini Rakes/Two Point Combination etc.	TCR/1017/2016/1	Standard Rake composition of BTFLN	24.10.2017	RMC dated 14.07.2016 on Block Rakes/Two Point Combination etc./2016/0 and its corrigendum 1 to 7	-	-	27.10.2017	TFA
Corrigendum to RC-27 of 2016	TCR/1078/2015/05 Pt	Freight Incentive Scheme for Loading of Bagged Consignmenty in Open and Flat Wagons	23.10.2017	RC 27 of 2016	-	-	24.10.2016	23.10.2017
RC-25	TCR/1644/2014/03	Rebate in Freight for traffic transported in privately owned wagons.	29.09.2017	RC-26 of 2015	-	-	01.10.2017	30.09.2019
Corrigendum No.7 to Rates Master Circular/2016 dated 14.07.2016 on Block Rakes/Mini Rake/Two Point Combination etc.	TCR/1017/2017/01	Policy Guidelines-Transportation Products (Block Rake/Mini Rake/Two Point Combination)	28.09.2017	-	-	-	-	-
RC-24	TCR/1078/2016/05	Adjustment in Base Freight Rates for short lead goods traffic.	28.09.2017	RC-20 of 2017	-	-	01.10.2017	31.03.2018

RC-23 Addendum dated 25.08.2017 e-gazette website	TC-I/2015/223/1	Notified Stations.	24.08.2017	RC-04 of 2017	-	-	25.08.2017	25.02.2018
Corrigendum No. 12 to RMC/CRT-CCR-Hub & Spoke/2015/0 NEW!	TC-I/2014/302/2	Container Rail Terminal (CRT), Container Class Rate (CCR) and Hub & Spoke System of charging	25.07.2017	RMC/CRT-CCR-Hub&Spoke/2015/0	-	-	27.07.2017	26.07.2018
Corrigendum No. 21 to RC- 08 of 2015	TCR/1078/2015/07	Adjustment in Base Freight Rates-Rationlization of Coal & Coke Tariff structure..	24.07.2017	Corrigenda No. 20 to RC- 08 of 2015	-	-	26.07.2017	30.06.2018
RC.22 of 2017	TC-I/2014/302/2	Haulage charges for running of Double Stack Dwarf Container	14.07.2017	RC.41 of 2014	-	-	14.07.2017	31.03.2018
Corrigendum No. 20 to RC- 08 of 2015	TCR/1078/2015/07	Adjustment in Base Freight Rates-Rationlization of Coal & Coke Tariff structure..	06.07.2017	Corrigenda No. 14 & 15 to RC- 08 of 2015	-	-	10.07.2017	TFA
RC-21	TCR/1078/2017/24	Classification of Purified Terephthalic Acid (PTA) in powder form	05.07.2017	-	-	-	10.07.2017	TFA
RC-20	TCR/1078/2016/05	Adjustment in Base Freight Rates for Short Lead Goods Traffic.	30.06.2017	RC-20 of 2016, RC-24 of 2016 & RC-15 of 2017	-	-	01.07.2017	30.09.2017
RC-19	TCR/1078/2017/19	Levy of Goods and Service Tax (GST) on Transportation of Goods by Rail	30.06.2017	Board's letter no TC-II/2910/2017/GST/2 dated 09.06.2017	-	-	01.07.2017	TFA
RC-18	2016/TC-I/104/2 Pt.	Payment of freight charges through Debit/Credit cards using Point of Sale(PoS) machines	01.06.2017	Commercial Circular No.69 of 2016	-	-	with immediate effect	-
RC-17 NEW!	TCR/1015/2015/01	Rates for Automobile Traffic carried on NMG/BCCNR and BCACM wagons.	23.05.2017	Rates Circular No 19 of 2016 dated 07.06.2016.	-	-	01.06.2017	31.05.2018
RC-16 of 2017	TC-I/2002/2014/5	All India Engine Hour Cost (AIEHC) for recovery of Siding and Shunting Charges	16.05.2017	-	-	-	01.07.2017	TFA
Addendum to RC-27 of 2016	TCR/1078/2015/05 Pt.	Freight Incentive Scheme for Loading Bagged Consignment in Open and Flat Wagons.	26.04.2017	RC-27 of 2016	-	-	01.05.2017	TFA
Addendum to RMC/CRT-CCR-Hub& Scope/2015/0	TC-I/2016/103/1	Issue of multiple RRs for a single container train	20.04.2017	RMC/CRT-CCR-Hub&Spoke/2015/0	-	-	-	-
Corrigendum No. 9 to RMC/PCC/2015/0	TCR/1394/2017/02	Permissible Carrying Capacity of "BFNS 22.9" Wagons (Maximum Axle Load 22.9 T).	19.04.2017	Rates Master Circular/PCC/2015/0	-	-	19.04.2017	TFA
Corrigendum No. 11 to Rates Master Circular/CRT-CCR-Hub & Spoke/2015/0	No.2007/TC-I/302/1 Pt.H	Container Rail Terminal (CRT), Container Class Rate(CCR) and Hub & Spoke System of charging	10.04.2017	Rates Master Circular/CRT-CCR-Hub & Spoke/2015/0 dt.07.04.2015 and its corrigenda	-	-	10.04.2017	10.04.2018
Corrigendum 10 to Rates Master Circular/CRT-CCR-Hub Spoke/2015/0	No.2007/TC-I/302/1 Pt.H	Container Class Rate(CCR) and Hub & Spoke System of charging	10.04.2017	Rates Master Circular/CRT-CCR-Hub & Spoke/2015/0 and its corrigenda	-	-	12.04.2017	11.04.2018

RC-15	TCR/1078/2016/05	Adjustment in Base Freight Rates for Short Lead goods traffic	31.03.2016	RC-20 & RC-24 of 2016	-	-	01.04.2017	30.06.2017
RC-14	TCR/1078/2016/14	Long Term Tariff Contract (LTTC) with Key Customers using pre-determined price escalation principle	30.03.2017	-	-	-	-	-
Corrigendum 9 to RMC/CRT-CCR-Hub Spoke/2015/0	TC-I/2014/302/2	Container Rail Terminal (CRT)m Container Class Rate(CCR) and Hub & Spoke System of charging.	30.03.2017	RMC/CRT-CCR-Hub & Spoke/2015/0 and it corrigendum 4 dated 15.06.2016	-	-	-	-
Corrigendum No. 2 to RC 23 of 2015	TCR/1078/2008/11 Pt.	Levy of Congestion Surcharge for traffic booked to Bangladesh	30.03.2017	Corrigendum to RC 23 of 2015 dated 10.01.2017	-	-	01.04.2017	31.03.2018
Corrigendum No. 19 to RC 08 of 2015	TCR/1078/2015/07	Adjustment in Freight Rates-Classification of Commodities	30.03.2017	Corrigendum No. 13 to RC 08 of 2015 dated 31.05.2016	-	-	01.04.2017	31.03.2018
Corrigendum No. 2 to RC 29 of 2016	TCR/1078/2015/05 Pt. I	Liberalized Automatic Freight Rebate Scheme for traffic loaded in Traditional Empty Flow Directions (TEFD)	30.03.2017	RC 29 of 2016 and Corrigendum No. 1 thereto	-	-	01.04.2017	31.03.2018
Corrigendum No.6 to Rates Master Circular/provision of Weighbridges/2014/0 NEW!	TC-I/2005/108/3-Pt.III	Guidelines regarding provision,installation and functioning of weighbridges	29.03.2017	Corrigendum No.5 dt.30.10.2015	-	-	01.04.2017	31.03..2018
RC-13 NEW!	TCR/1078/2014/27	Congestion Surcharge on Goods Traffic Originating from Ports.	24.03.2017	RC-13 of 2016	-	-	31.03.2017	31.03.2018
RC-12 NEW!	TCR/1078/2015/24	Classification of Iron Ore	21.03.2016	RC-16 of 2016	-	-	01.04.2017	31.03.2018
RC-11	TCR/2201/2004/1	Revision of Rates of Miscellaneous charges	21.03.2017	-	-	-	01.04.2017	31.03.2018
RC-10	TCR/1543/2009/01	Rates of Terminal Charges to be collected by Port Trust Railways from Customers	17.03.2017	RC 07 of 2015 & 88 of 2007	-	-	01.04.2017	31.03.2019
RC-09	TCR/1055/95/01	Revision of Charges payable to Tuticorin Port Trust Railway	08.03.2017	RC 12 of 2015	RC 12 of 2015		W.e.f. the date of publication in official Gazette	TFA
RC-08	TCR/1055/95/01	Revision of rates on Port Trust Railway	08.03.2017	RC 11 of 2015	RC 11 of 2015		W.e.f. Suitable date after proper notice to Public & other Railways	TFA
RC-07 NEW!	TCR/1055/95/01	Revision of Haulage charges payable to Port Trusts	08.03.2017	RC 10 of 2015	RC 10 of 2015		01.04.2015	TFA
Corrigendum No. 6 to Rates Master Circular/2016 dated 14.07.2016 on Block Rakes/Mini Rake/Two Point Combination etc.	TCR/1017/2017/02	Policy Guidelines-Transportation Products- Block Rake, Mini Rake, Two Point Combination etc.	08.03.2017	Rates Master Circular/2016 dated 14.07.2016 on Block Rakes/Mini Rake/Two Point Combination etc.	-	-	10.03.2017	TFA
Corrigendum No.08 to RMC/PCC/2015/0	TCR/1394/2004/02/Vol.IV	Notification of CC+8 Routes	08.03.2017	RMC/PCC/2015/0	-	-	10.03.2017	TFA
RC-06	2007/TC-I/302/1 Pt.B	Operation of container trains by Private Container Operator (PCO) in Railway owned terminals	07.03.2017	RC-08 of 2016	-	-	01.04.2017	31.03.2018

Corrigendum-18 to RC-08 of 2015	TCR/1078/2015/07	Adjustment in Base Freight Rates-Classification of Commodities	07.03.2017	Rate Circular No.08	-	-		
RC-04 Addendum dated 07.03.2017	TC-I/2015/223/1	Notified Stations	22.02.2017	Rates Circular No. 22 of 2016 and Addendum thereto	-	-	25.02.2017	24.08.2017
RC-03	TCR/1099/2016/03	Inflation in distance for charge between Bibinagar to Nadikude section of Guntur Division of South Central Railway	13.02.2017	Board's letter No. TCR/1099/87/6 dt. 17.02.1989 & XXR wireless No. TCR/1099/92/6 dt. 28.07.1992	-	-	15.02.2017	TFA
Addendum to RC 06 of 2016	**TCR/1078/2007/22**	Movement of HSD Oil in BTPN rakes from Numaligarh Refinery Siding (NRSR) to Parbatipur, Bangladesh via Radhikapur- Birol route.	07.02.2017	RC 06 of 2016	-	-	13.02.2017	TFA
Corrigendum No. 2 to RMC of E-Payment	TC-I/2015/104/5	Guidelines for Electronic Payment System.	03.02.2017	RMC/E-Payment/2014/1 and itw corrigendum & addendum	-	-	-	-
Corrigendum No. 4 to RMC Block Rake/Mini Rake/Two Point Combination	TCR/1017/2017/01	Policy Guidedlines-Transportation Products	03.02.2017	-	-	-	-	-
RC-02	TC-I/2015/104/5	Issue of Railway Receipt (RR) under conventional mode of payment	03.02.2017	Board's Letter No. TC-I/2014/103/3 dt. 26.12.2014	-	-	15.02.2017	-
Corrigendum to RC-03 of 2016	TCR/1394/2016/01	Carrying Capacity of BTAP Wagons	20.01.2017	RC-03 of 2016	-	-	23.01.2017	TFA
Corrigendum No. 8 to RMC/CRT-CCR-Hub Spoke/2015/0	2007/TC-I/302/1 Pt.B	Container Rail Terminal (CRT)	20.01.2017	RMC/CRT-CCR-Hub & Spoke/2015/0 & corrigenda thereto	-	-	-	-
Corrigendum to RC-23 of 2015	TCR/1078/2008/11	Levy of Congestion Surcharge for traffic booked to Bangladesh.	10.01.2017	Ref: RC 23 of 2015 & Corrigendum thereto	-	-	12.01.2017	31.03.2017
Corrigendum No. 1 to RC-29 of 2016 TCR/1078/2015/05 Pt.1 dated 05.01.2017	TCR/1078/2015/05 Pt. I	Liberalized Automatic Freight Rebate Scheme for traffic loaded in Traditional Empty Flow Directions (TEFD)	05.01.2017	RC-29 of 2016	-	-	05.01.2017	-
RC-01	TC-I/2011/109/11	Exemption from mandatory (100%) weighment for the commodities loaded in standard bags of uniform size	04.01.2017	RMC/Weighment/ 2014/0	TC-I/2011/109/11/ dated 18.09.2015	TC-I/2011/109/11 dated 04.01.2017	04.01.2017	TFA

FREIGHT RATE CIRCULARS - 2018

Rate Ins. No.	Letter No.	Subject	Issued Date	Ref.	Supersedes	Superseded by	Validity	
							From	To
Corrigendum No. 22 to RC-08 of 2015	TCR/1078/2015/07	Adjustment in Base Freight Rates - Classification of commodities	27.02.2018	RC-08 of 2015 & corrigendum thereto	-	-	01.04.2018	31.03.2019
Corrigendum No. 14 to RMC/CRT-CCR-Hub & Spoke/2015/0	TC-I/2014/302/2	Charging of Kota Stone in containers.	27.02.2018	RMC/CRT-CCR-Hub & Spoke/2015/0, its corrigendum No. 9, RC-41 of 2014	-	-	-	-
RC-05	TC-I/2018/302/2	Operation of container trains by Private Container Operator (PCO) in Railway owned terminals.	27.02.2018	-	-	-	01.04.2018	31.03.2019
RC-04 New!	TCR/2201/2004/1	Revision of Rates of miscellaneous charges.	27.02.2018	-	-	-	01.04.2018	31.03.2019
RC-3 New!	TCR/1078/2014/27	Congestion Surcharge on Goods Traffic Oginating from Ports.	26.02.2018	RC-13 of 2017	-	-	01.04.2018	31.03.2019
Corrigendum No. 14 to RMC/PCC/2015/0	TCR/1394/2004/2 Vol.IV-Pt.I	Running of freight trains on CC+8 routes	23.02.2018	RMC/PCC/2015/0 dated 19.10.2015 and corrigendum thereto.	-	-	25.02.2018	TFA
RC-2 of 2018 Addendum dated 26.02.2018 New! e-Gazette.nic.in	TC-I/2015/223/1	Notified Stations	16.02.2018	-	-		25.02.2018	24.08.2018
Corrigendum No.03 to RC-23 of 2015	TCR/1078/2008/11 Pt.	Levy of Congestion Surcharge for traffic booked to Bangladesh	13.02.2018	RC-13 of 2015 and corrigendun thereto.	-	-	01.04.2018	31.03.2019
Crrigendum No 13 to Rates Master Circular/PCC/2015/0 and Corrigendum No 02 to Letter No TC-I/2010/108/4 dated 16.09.2011	TCR/1394/2017/05	Designed Tare Weight, Permissible Carrying Capacity and Loading Tolerance of BRN Wagons.	18.01.2018	Corrigendum No 12 to RMC/PCC/2015/0 and Corrigendum No 01 to Letter No TC-I/2010/108/4 dated 16.09.2011	-	-	-	-
Corrigendum No. 7 to RMC/Weighbridge/2014/0	TC-I/2017/109/8	Guidelines regarding provision, installation and functioning of weighbridges.	10.01.2018	RMC/Weighbridge/2014/0	-	-	11.01.2018	TFA
Corrigendum No. 2 to RMC/Weighment/2014/0	TC-I/2017/109/8	Weighment of wagons/rake, exeption from weightment,	10.01.2018	RMC/Weighment/2014/0	-	-	11.01.2018	TFA

		procedure to deal with overloaded wagon(s) and levy of Detention Charge etc.						
RC- 01	TCR/1078/2015/07	Adjustment in Base Freight Rates- Rationalization of tariff structure for transportation of Coal & Coke by Rail.	09.01.2018	Corrigenda Nos. 14, 15, 20 & 21 to RC No. 08 of 2015.	-	-	15.01.2018	TFA

बिहार सरकार

खान एवं भूतत्व विभाग

अधिसूचना

पटना, दिनांक- 27/1/12

एस0ओ0सं0- 245 /एम40, बिहार लघु खनिज समनुदान नियमावली, 1972 के नियम 26(क) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुये राज्य के अन्तर्गत स्थित विभिन्न क्षेत्रों में असैनिक निर्माण कार्य की स्थिति, जनसंख्या स्थिति; औद्योगिक निर्माण कार्य की स्थिति, शहरीकरण की अवस्था एवं औद्योगिक विकास की गति को ध्यान में रखते हुये बिहार के राज्यपाल के पूर्व की अधिसूचना एस0ओ0सं0 27 दिनांक 24.3.2001 का संशोधन करते हैं एवं विभिन्न क्षेत्रों को श्रेणियों में विभाजित करते हुये प्रत्येक स्थायी चिमनी एवं बंगला ईंट भट्ठों के लिये ईंटों की संख्या और उस पर ईंट भट्ठा मालिकों / ईंट मिट्टी हटाने वालों द्वारा प्रति भट्ठा प्रति वर्ष राज्य सरकार को देय समेकित स्वामित्व की राशि निर्धारित करते हैं जो निम्नलिखित तालिका में दिखाई गई है:-

तालिका

क्रमांक	क्षेत्र की श्रेणी	जिला का नाम तथा क्षेत्र	क्षमता स्तंभ 3 में दिखाये गये क्षेत्र में स्थित प्रति स्थायी चिमनी अथवा बंगला ईंट भट्ठा के निर्मित ईंट	स्वामित्व - प्रति भट्ठा प्रति वर्ष देय स्वामित्व की राशि जो स्तंभ 4 में निर्धारित ईंट की संख्या पर देय है (रूपये में)
1	2	3	4	5
1	I	पटना, मुजफ्फरपुर, भागलपुर, गया, दरभंगा जिलों का शहरी क्षेत्र	45 लाख ईंट	130500/-रू0
2	II	अन्य शहरी क्षेत्र	35 लाख ईंट	101500/-रू0
3	III	ग्रामीण क्षेत्र	25 लाख ईंट	72500/-रू0
4	IV	बंगला भट्ठा	1 (एक लाख) ईंट	4350/-रू0

2- यह अधिसूचना निर्गत की तिथि से प्रवृत्त होगी ।

टिप्पणी I- समेकित स्वामित्व का भुगतान दो किस्तों में किया जायेगा, यथा:-

(i) प्रथम किस्त - कुल देय स्वामित्व राशि का 50 प्रतिशत भट्ठा आरंभ करने के पूर्व, तथा

(ii) द्वितीय किस्त :- कुल राशि का शेष 50 प्रतिशत 31 मार्च के पूर्व ।

(iii) भट्ठेदारों द्वारा कुल देय स्वामित्व का भुगतान अगर एक मुस्त कर दिया जाता है तो कुल भुगतेय स्वामित्व पर 5 प्रतिशत की छूट दी जायेगी ।

टिप्पणी II- "शहरी क्षेत्र" से अभिप्रेत किसी नगर निगम या नगरपालिका या अधिसूचित क्षेत्र समिति की स्थानीय सीमा के भीतर के क्षेत्रों से है और, यथास्थिति, उस नगर निगम या नगरपालिका या अधिसूचित क्षेत्र समिति की सीमा रेखा से चार किलोमीटर की बाहरी दूरी की भीतर पड़ने वाले क्षेत्र भी इसमें शामिल हैं ।

टिप्पणी III- अव्यवसायिक, व्यक्तिगत उपयोग हेतु बंगला भट्ठा में निर्मित ईंट / ईंट मिट्टी पर कोई स्वामित्व भुगतेय नहीं होगा ।

4/बी0मु020-22/09

बिहार राज्यपाल के आदेश से,

27.1.12

सरकार के संयुक्त सचिव ।

एस0ओ0सं0- 245 /एम0, पटना, दिनांक- 27/1/12 का अंग्रेजी में निम्नलिखित अनुवाद बिहार राज्यपाल के प्राधिकार से इसके द्वारा प्रकाशित किया जाता है जिसे भारतीय संविधान के अनुच्छेद 348 के खण्ड (3) के अधीन अंग्रेजी भाषा में उसका प्राधिकृत पाठ समझा जायेगा ।

4/बी0मु020-22/09

बिहार राज्यपाल के आदेश से,

27.1.12

सरकार के संयुक्त सचिव ।

S.O. No. 245 /M, 27.1.12 In exercise of the powers conferred by rule 26(A) of the Bihar Minor Mineral Concession Rules, 1972 and having regard to position of Civil Construction, work position of Industrial Construction, position of situated population, position of Urbanisation and pace of industrial growth in different areas of the State, the Governor of Bihar is pleased to amend the previous notification S.O. No. 27 dated 24 March 2001 and reclassify such areas to determine the number of bricks per fixed kiln and Bangla Bhatta and consolidated amount of royalty to be paid thereon by brick kiln owner/brick earth remover per kiln per annum to the State Government for different areas as shown in the table below:-

अधिसूचना

पटना, दिनांक 27/1/12

एस0 ओ0 सं0 250 एम0,खान एवं खनिज (विकास एवं विनियमन) अधिनियम,1957 (अधिनियम सं0 67,1957) की धारा–15 के द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए बिहार राज्यपाल बिहार लघु खनिज समनुदान नियमावली,1972 के नियम 26 (1) (क) और (ख) की क्रमशः अनुसूची I एवं II में निम्नलिखित संशोधन करते है जो तुरत प्रवृत्त होगा :–

संशोधन

उक्त नियमावली में.

1. विद्यमान अनुसूची I, निम्नलिखित द्वारा प्रतिस्थापित की जायेगी, यथा:–

अनुसूची I

[नियम 26 (1) (क) द्रष्टव्य]

अनिवार्य लगान

अवधि	अनिवार्य लगान की दर (रूपये में)
1	2
पट्टा की सम्पूर्ण अवधि के लिएप्रति वर्ष की दर	30,000 रू0 प्रति एकड़ प्रति वर्ष

2. विद्यमान अनुसूची II निम्नलिखित द्वारा प्रतिस्थापित की जायेगी :–

अनुसूची II

[नियम 26 (1) (ख) द्रष्टव्य]

स्वामित्व (रॉयल्टी)

क्रम संख्या	खनिज का नाम	प्रति घन मीटर दर (रूपये में)
1	2	3
1	(क) किसी भी नाम से यथा परिभाषित बोल्डर,ग्रेवेल शिंगिल अथवा पत्थर (ख) नीलामी द्वारा बंदोबस्त पत्थर	100=00 नीलामी की दशा में नीलामी की राशि
2	(क) निर्माण प्रयोजनों में व्यवहृत साधारण बालू (ख) नीलाम घाटों का साधारण बालू	50=00 नीलामी की दशा में नीलामी की राशि
3	ईंट बनाने की मिट्टी (400 मानक ईंट के समतुल्य)	11=60(एस0 ओ0 सं0 244,दिनांक 27-01-12 द्वारा प्रख्यापित)
4	साधारण मिट्टी-मिट्टी जिसका उपयोग रानीगंज खपड़ा,वाणिज्यिक कार्यों, यथा बांध, सड़क,भवन आदि के निर्माण या उसे समतल करने अथवा अन्य वाणिज्यिक कार्यों के लिए किया जाता हो।	22=00

5	निर्माण सामग्री के रूप में व्यवहृत चूने के विनिर्माण के लिए भट्ठे में काम आनेवाला लाईम शेल,चूना पत्थर और कंकड़ तथा बटन के विनिर्माण में व्यवहृत लाईम शेल।	110=00
6	मोरम	55=00
7	केवल गोला मिल (बॉल मिल) के प्रयोजनार्थ व्यवहृत केल्सेडोनी गुटिका (पेबल)।	73=00
8	कंकड़युक्त पहाड़ी मिट्टी (ग्रैंडुलर अर्थ)	55=00
9	भवन निर्माण के प्रयोजनार्थ या सड़क बनाने के काम में आनेवाला क्वार्टजाईट	73=00
10	रेह मिट्टी	26=00
11	शोरा (साल्ट पीटर)	29=00
12	स्लेट और शेल जब उनका उपयोग भवन निर्माण सामग्री के रूप में किया जाय	73=00
13	मुल्तानी मिट्टी (फुलर्स अर्थ)	95=00
14	चक्की (ग्राइनडिंग) पत्थर सहित घरेलू बर्तन बनाने के काम में आनेवाला पत्थर	36=00
15	प्रति सैकड़ा स्टोन सेट्स तथा पत्थर ईट (स्टोन ब्रिक्स)	73=00
16	पत्थर चूर्ण (स्टोन डस्ट)	विक्रय मूल्य की 10 प्रतिशत राशि
17	ग्रेनाईट (सजावट पत्थर के रूप में उपयोग होने पर) प्रति सैकड़ा (i) 60 से0 मी0 से अधिक के ब्लॉक के लिये । (ii) 60 से0 मी0 से कम के ब्लॉक के लिये ।	 545=00 273=00
18	अन्य सभी खनिज	बिक्रय मूल्य का 25 प्रतिशत राशि

टिप्पणी I बिहार लघु खनिज समानुदान नियमावली,1972 या अन्यथा में किसी विरूद्ध बात के अन्तर्विष्ट होते हुए भी, नीलामी की राशि के समतुल्य से अधिक पत्थर का उत्खनन एवं प्रेषित किये जाने पर, बंदोबस्तधारी अधिक उत्खनित पत्थर की मात्रा के लिए अतिरिक्त स्वामित्व (रॉयलटी) का भुगतान करेगा।

टिप्पणी II नीलामी की राशि के समतुल्य बालू की मात्रा से अधिक बालू के निकाले जाने और प्रेषित किये जाने पर, बंदोबस्तधारी अधिक निकाले गए बालू की मात्रा के लिए अतिरिक्त स्वामित्व (रॉयलटी) का भुगतान करेगा।

12/वी0/मु0 70–2/03
बिहार राज्यपाल के आदेश से
27.10.72
सरकार के उप सचिव।

एस0ओ0 ..... 250 ..... एम0,का अंग्रेजी में निम्नलिखित अनुवाद बिहार राज्यपाल के प्राधिकार से इसके द्वारा प्रकाशित किया जाता है जिसे भारतीय संविधान के अनुच्छेद 348 के खण्ड (3) के अधीन अंग्रजी में उसका प्राधिकृत पाठ समझा जायेगा।

12/वी0/मु0 70–2/03
बिहार राज्यपाल के आदेश से
27.1.12
सरकार के उप सचिव।

S.O No. 250 /M, In exercise of the power conferred by Section 15 of the Mines & Mineral (Development and Regulation) Act. 1957 (Act no.67 of 1957), The Governor of Bihar is pleased to make the following amendment in schedule I & II of Rule 26(1) (a) & (b) respectively of Bihar Minor Mineral concession Rule,1972 which shall come into force with immediate effect:-

AMENDMENTS

In the said Rules:-

1. Existing schedule I shall be substituted by the following, namely:-

Schedule I

(see Rule 26(1) (a))

Dead Rent

Period	Rate of dead rent (In Rs.)
1	2
Rate per year for entire period of lease	30,000 per acre per year

2. Exiting Schedule II shall be substituted by the following, namely:-

Schedule II

(see Rule 26(1) (b))

Royalty

Sr.No.	Name of minerals	Rate per Cubic meter in Rupess.
1	2	3
1	(a) Boulder, Gravel, shingle or stone as defined by name whichever (b) Stone settled by way of auction	100–00 In case of auction the amount of auction
2	(a) Ordinary sand used for construction purpose (b) Ordinary sand of auctioned ghats	50=00 In case of auction the amount of auction
3	Brick earth (equivalent to 400 standard bricks)	11=60 (S.O. No. 244, Dated 27-01-12)
4	Ordinary clay- clay which is used for manufacturing of Rani ganj tiles, commercial works which is used for construction of embankment, Road. Building or levelling the same of used for other commercial orks.	22=00
5	Lime shell, Lime stone and kankar used in Kilns for manufacturing of lime used as construction material and Lime shall used for manufacture of bottons.	110=00

6	Murram	55=00
7	Chalcedony Pebbles used for Boll Mill purpose only	73=00
8	Granduler earth	55=00
9	Quartzite used for the purpose of Building Construction or for making road.	73=00
10	Reh Mitti	26=00
11	Saltpetre	29=00
12	Slate and shell when used for making Building material	73=00
13	Fullers earth	95=00
14	Stone used for making houschold utensils including grinding stone	36=00
15	Stone sets and Stone Bricks Per hundred	73=00
16	Stone dust	10 Percent Amount of sale price .
17	Granite (In case of use for decorating stone) per hundred (i) Block more than 60 c.m (ii) Block less than 60 c.m	 545=00 273=00
18	All other minerals	25 Percent of sale price

Note :- (I) Notwithstanding any thing contained repugnant in Bihar Minor Mineral Concession Rules,1972 or otherwise, the settlee shall pay the extra Royalty for the excess quantity of extracted and dispatched stone more than the equivalent auction amount .

Note :- (II) The settlee shall pay the extra Royalty for the excess quantity of extracted and dispatched sand more than the equivalent auction amount.

12/B/MU 70-2/03

By the order of Governor of Bihar

27-1-2012

Deputy Secretary to Government

ज्ञापांक 12/वी0/मु0 70–2/03 200 /एम0,दिनांक 27/1/12

प्रतिलिपि अवर सचिव,वित्त विभाग,बिहार,पटना को सी0डी0 के साथ प्रेषित करते हुये उनसे अनुरोध है कि अधिसूचना की 500 प्रतियॉ बिहार राजपत्र (गजट) में प्रकाशित कराने हेतु राजकीय मुद्रणालय,गुलजार बाग, पटना को भेजी जाय तथा उसकी प्रतियॉ विभाग को उपलब्ध करायी जाय।

27-1-2012

सरकार के उप सचिव।

ज्ञापांक 200 /एम0,दिनांक 27/1/12

प्रतिलिपि: सभी प्रमण्डीय आयुक्त/सभी जिला पदाधिकारी/अपर निदेशक/सभी उप निदेशक/सभी सहायक निदेशक,खान एवं भूतत्व विभाग/सभी खनिज विकास पदाधिकारी,खान एवं भूतत्व विभाग/सभी खान निरीक्षक,खान एवं भूतत्व विभाग को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

27.1.2012

सरकार के उप सचिव।

ज्ञापांक 350 /एम0,दिनांक 27/1/12

प्रतिलिपिः सचिव सह–विधि परामर्शी,विधि विभाग,बिहार/प्रधान सचिव,वित्त विभाग,बिहार/प्रधान सचिव, मंत्रिमंडल सचिवालय एवं समन्वय विभाग, बिहार, पटना को सूचनार्थ एवं प्रेषित।

27.1.2012

सरकार के उप सचिव।

बिहार सरकार

राज्य स्तरीय अनुसूचित दर निर्धारण समिति

पथ निर्माण विभाग, बिहार, पटना।

पत्रांक – मु0 नि0 (पथ) - 38(अनु0) पटना/दिनांक - 13/05/10

प्रेषक,

रामध्यान राम.
संयोजक,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति
–सह–अभियंता प्रमुख–सह–अपर आयुक्त–सह–
विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना।

सेवा में,

सभी मुख्य अभियंता(राष्ट्रीय उच्च पथ सहित), पथ निर्माण विभाग, बिहार, पटना।
सभी अधीक्षण अभियंता(राष्ट्रीय उच्च पथ सहित), पथ निर्माण विभाग, बिहार, पटना।
प्रबंध निदेशक, बिहार राज्य पुल निर्माण निगम, बिहार, पटना।
प्रबंध निदेशक, बिहार राज्य पथ विकास निगम, बिहार, पटना।
सभी कार्यपालक अभियंता(राष्ट्रीय उच्च पथ सहित), पथ निर्माण विभाग, बिहार, पटना।

विषयः– बिहार भवन एवं अन्य सन्निमार्ण कर्मकार कल्याण बोर्ड में प्रत्येक योजनाओं के लागत का 1 % (एक प्रतिशत) "सेस" के रूप में जमा करने के संबंध में ।

प्रसंगः– पथ निर्माण विभाग, बिहार का पत्रांक 746(E) We पटना, दिनांक – 25.02.2010 ।

महाशय,

वित्त विभाग, बिहार सरकार द्वारा लिये गये निर्णय के आलोक में विभिन्न निर्माण कार्यों के विपत्रों से 1% (एक प्रतिशत) की राशि की कटौती श्रमिक कल्याण कोष हेतु सेस के रूप में की जानी है ।

उक्त आलोक में कराये जानेवाले योजनाओं के प्राक्कलन के सृजन हेतु प्रयुक्त प्रत्येक मद के दर में वर्णित सेस हेतु 1 % (एक प्रतिशत) की राशि का अतिरिक्त प्रावधान श्रमिक कल्याण कोष के लिये करते हुए दर विश्लेषण करना सुनिश्चित करें ।

अनु0:– 1. प्रसंगाधीन पत्र की छाया प्रति ।
2. श्रम संसाधन विभाग का पत्रांक 4984 पटना दिनांक–01.10.08 ।

विश्वासभाजन

13.5.10

(रामध्यान राम)
संयोजक,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति
–सह–अभियंता प्रमुख–सह–अपर आयुक्त–सह–
विशेष सचिव, पथ निर्माण विभाग, बिहार, पटना

अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव का कार्यालय,
पथ निर्माण विभाग बिहार, पटना

प्रत्रांकः– प्र.6 / नियम–10 / 2008 746(E)W पटना, दिनांक 25/2/2010

प्रेषक,

अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव
पथ निर्माण विभाग,बिहार, पटना।

सेवा में,

सभी मुख्य अभियंता, पथ निर्माण विभाग।
सभी अधीक्षण अभियंता, पथ निर्माण विभाग।
सभी कार्यपालक अभियंता, पथ निर्माण विभाग।
अधीक्षण अभियंता,
मुख्यालय निरूपण अंचल।

विषयः **बिहार भवन एवं अन्य सन्निर्माण कर्मकार कल्याण बोर्ड में प्रत्येक योजनाओं की लागत का एक प्रतिशत "सेस" के रूप में जमा करने के संबंध में।**

महाशय,

उपर्युक्त विषयक संयुक्त श्रमायुक्त–सह–सचिव, बिहार भवन एवं अन्य सन्निर्माण कर्मकार कल्याण बोर्ड, पटना के पत्र संख्या–बी0सी0डब्लू0सी0–14 / 2008–श्र.स.–4984 दिनांक 01.10.08 (सानुलग्नक प्रति संलग्न) से प्राप्त प्रस्ताव की समीक्षा विभागीय उच्चस्तरीय तकनीकी समिति द्वारा की गयी और समिति की अनुशंसा के आलोक में सरकार के निर्णयानुसार कहना है कि:–

1) भवन तथा अन्य सन्निर्माण कर्मकार(नियोजन तथा सेवाशर्त्त विनियमन) अधिनियम, 1996 के निर्देशों के अनुपालनार्थ निर्माण कार्यों के संवेदक के विपत्रों से देय 1% (एक प्रतिशत) सेस के निमित निर्माण कार्य के प्राक्कलन में कार्य मूल्य का 1% (एक प्रतिशत) की दर से "सेस" की राशि जोडकर प्राक्कलन का प्राविधिक स्वीकृति अथवा प्रशासनिक स्वीकृति प्रदान की जाय तथा 1% सेस का भुगतान कल्याण बोर्ड को करना भी सुनिश्चित किया जाय।।

2) प्रस्ताव में महाधिवक्ता, बिहार तथा वित्त विभाग का परामर्श प्राप्त है।

अनु0–यथोक्त।

विश्वासभाजन

(रामध्यान राम)
अभियंता प्रमुख–सह–अपर आयुक्त –सह–विशेष सचिव
पथ निर्माण विभाग,बिहार,पटना।

कृ0पृ0उ0

24/2/10

ज्ञापांक: प्र.6 / नियम–10 / 2008 पटना, दिनांक

प्रतिलिपि महालेखाकार बिहार, बीरचंद पटेल पथ, पटना को सूचना एवं आवश्यक कार्रवाई हेतु प्रेषित।

24.2.10

अभियंता प्रमुख–सह–अपर आयुक्त –सह–विशेष सचिव
पथ निर्माण विभाग,बिहार,पटना।

ज्ञापांक: प्र.6 / नियम–10 / 2008 पटना, दिनांक

प्रतिलिपि सभी प्रधान सचिव / सचिव, सभी विभाग / सभी प्रमंडलीय आयुक्त / सभी जिलाधिकारी / अभियंता प्रमुख, सभी कार्य विभाग / अध्यक्ष, बिहार राज्य पुल निर्माण निगम, बिहार, पटना / अध्यक्ष, बिहार राज्य पथ विकास निगम, बिहार, पटना को सूचना एवं आवश्यक कार्रवाई हेतु प्रेषित।

24.2.10

अभियंता प्रमुख–सह–अपर आयुक्त –सह–विशेष सचिव
पथ निर्माण विभाग,बिहार,पटना।

ज्ञापांक: प्र.6 / नियम–10 / 2008 पटना, दिनांक

प्रतिलिपि संयुक्त श्रमायुक्त–सह–सचिव, बिहार भवन एवं अन्य सन्निर्माण कर्मकार कल्याण बोर्ड, श्रम संसाधन विभाग, बिहार, पटना को सूचनार्थ समर्पित।

24.2.10

अभियंता प्रमुख–सह–अपर आयुक्त –सह–विशेष सचिव
पथ निर्माण विभाग,बिहार,पटना।

24/2/10

संचिका सं0–बी0सी0डब्लू0सी0–14 / 2008, श्र0सं0– 4984

बिहार सरकार

श्रम संसाधन विभाग

प्रेषक,

राजेन्द्र प्रसाद मण्डल,
संयुक्त श्रमायुक्त–सह–सचिव,
बिहार भवन एवं अन्य सन्निमार्ण कर्मकार कल्याण बोर्ड,पटना ।

सेवा में,

विशेष
अभियंता प्रमुख–सह–सचिव,
पथ निर्माण विभाग,बिहार,पटना।

पटना, दिनांक–01-10-08

विषयः– अर्द्ध सरकारी पत्र संख्या– बी0सी0डब्लू0सी0 01 / 2008–922 ,दिनांक–21.02.08 की प्रति उपलब्ध कराने के संबंध में।

महाशय,

उपर्युक्त विषयांतर्गत आपके पत्र के आलोक में प्रधान सचिव, श्रम संसाधन विभाग के अर्द्धसरकारी पत्र सं0–बी0सी0डब्लू0सी0–01 / 2008–922,दिनांक–21.02.08 की प्रति एवं भारत सरकार के राजपत्र में प्रकाशित सेस संग्रह संबंधी अधिसूचना की प्रति संलग्न कर आपके आवश्यक कार्यार्थ भेजी जा रही है।

अनुलग्नकः यथोक्त।

विश्वासभाजन,

1.10.08
(राजेन्द्र प्रसाद मण्डल)
संयुक्त श्रमायुक्त–सह–सचिव,
बिहार भवन एवं अन्य सन्निमार्ण
कर्मकार कल्याण बोर्ड,पटना।

Vyas Ji, IAS
...ipal Secretary

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बिहार सरकार
श्रम संसाधन विभाग
विकास भवन, पटना 800015, बिहार

Government of Bihar
Department of Labour Resources
Vikas Bhawan, Patna - 800015, Bihar

अर्द्ध सरकारी पत्र सं0 -बी0 बी0 -श्रम-सं0-01/2015 पटना-22 पटना दिनांक 21/2/2

प्रिय महाशय,

निर्माण श्रमिकों के संबंध में वर्ष,1996 से निम्नलिखित दो केन्द्रीय अधिनियम प्रभावशील हैं :–

(i) भवन तथा अन्य सन्निर्माण कर्मकार (नियोजन तथा सेवा शर्त्त विनियमन) अधिनियम,1996 तथा

(ii) भवन तथा अन्य सन्निर्माण कर्मकार कल्याण उपकार अधिनियम, 1996.

2. उक्त द्वितीय अधिनियम के तहत नियम भी केन्द्र सरकार द्वारा ही बनाया गया है, जबकि प्रथम अधिनियम के अन्तर्गत नियम बिहार सरकार द्वारा 7.9.2005 के असाधारण अंक राजपत्र में प्रकाशित किये भवन एवं अन्य सन्निर्माण कर्मकार कल्याण बोर्ड का गठन भी राज्य सरकार द्वारा दिनांक 18.2.15 की प्रकाशित अधिसूचना द्वारा कर दिया है ।

3. उक्त द्वितीय अधिनियम के धारा 3 के तहत् निर्माण कार्यो की लागत का एक प्रतिशत की दर से उपकर लिए जाने का प्रावधान किया गया है, जो उपरोक्त कल्याण बोर्ड को भेजा जाएगा । बोर्ड द्वारा इसका उपयोग निमार्ण श्रमिकों के कल्याण की विभिन्न गतिविधियों के संचालन में किया जाएगा । (केन्द्र सरकार की अधिसूचना संलग्न)

4. निर्माण कार्य कराने वाले शासकीय विभागों, सार्वजनिक उपक्रमों,स्थानीय निकायों,संविधिक प्राधिकारियों के जानकारी के लिये यह स्पष्ट करना है कि बिहार भवन एवं अन्य सन्निर्माण कर्मकार (नियोजन तथा सेवा शर्त्ते विनियमन) नियमावली,2005 तथा कल्याण बोर्ड के गठन के साथ प्रदेश उक्त दोनों अधिनियमों के कार्यान्वयन किया जाना है। तदनुसार निवेदन है कि आप के विभाग तथा उसके अधीन आनेवाले सार्वजनिक उपक्रमों तथा संविधिक प्राधिकारियों (मुख्य ठेकेदार तथा ठेकेदार, यदि कोई हो) के तहत संचालित होने वाले निर्माण कार्यो में कृपया उक्त अधिनियमों / नियमों का पालन सूनिश्चित करने का कष्ट करें । इस सबंध में निम्नलिखित विन्दु ध्यान देने योग्य है :–

(i) विभाग / सार्वजनिक उपक्रम / संविधिक प्राधिकारिय के कार्यो में निर्माण श्रमिकों को नियोजित करने वाले सभी ठेकेदार अपनी–अपनी स्थापनाओं को उक्त प्रथम अधिनियम की धारा –7 के तहत अविलम्ब पंजीकृत करा लें, और भविष्य में आरम्भ होने वाले सभी निर्माण कार्यो के मामले में भी इसी प्रकार का पंजीयन कराते रहें । इस प्रयोजन के लिए प्रदेश के सभी श्रम अधीक्षकों को पंजीयन पदाधिकारी नियुक्त किया गया है । बिहार भवन और अन्य सन्निर्माण कर्मकार (नियोजन तथा सेवा शर्ते विनियमन) नियमावली, 2005 के निमय 27के अनुसार निबंधन हेतु विहित शुल्क देय होगी ।

(ii) प्रत्येक नवीन निर्माण कार्य आरंभ होने के न्यूनतम 30 दिन पूर्व नियोजक उक्त प्रथम अधिनियम की धारा 46 के तहत् तदविषयक लिखित नोटिस संबंधित "निरीक्षक" को देय,और आरम्भ होने से अधिकतम 30 दिना में " उपकर निर्धारण अधिकारी " को भी विहित प्रपत्र में सूचना दें ।

(iii) उक्त अधिनियम के अध्याय 6 एवं 7 तथा उसके तहत् बने राज्य नियमावली के भाग 3 तथा 4 में निर्माण श्रमिकों की कार्य दशाओं और स्वास्थ्य तथा सुरक्षा के बारे में विस्तृत प्रावधानों का समुचित पालन हो ।

(iv) आपके विभाग, अधीनस्थ सार्वाजनिक उपकर्मो तथा सांविधिक प्राधिकारियों द्वारा निर्माण कार्यो के लिये भविष्य में जो निविदा प्रपत्र तथा अनुबंध के प्रारूप का उपयोग किया जाय । उनमें कंडिका 1 में उल्लेखित अधिनियमों के पालन की शर्त्तो का विशिष्ठ उल्लेख कर दिया जाना उपयुक्त होगा ।

(v) महत्वपूर्ण

ऊपर कंडिका 1 में उल्लेखित द्वितीय अधिनियम (भवन तथा अन्य सन्निर्माण कर्मकार कल्याण उपकर अधिनियम,1996) के तहत् निर्माण कार्यो पर देय उपकर की दर, भारत सरकार की अधिसूचना दिनांक 26.9.1996 द्वारा, निर्माण लागत का एक प्रतिशत निर्धारित किया गया है । इस अधिनियम के तहत् बने केन्द्रीय नियमों के नियम 4 (3) के अनुसार शासकिय विभागों और सार्वजनिक उपक्रमों के निर्माण कार्यो पर लगने वाला उपकर ऐसे विभागों / उपक्रमों द्वारा नियत दर से कार्य के लिये भुगतान किये गये बिलों से कटा जाना और इस प्रकार काटे जाने के 30 दिन की अवधि में कल्याण बोर्ड को क्रोस्ड डीमान्ड ड्राफ्ट द्वारा भेजा जाना अपेक्षित है ।

तदनुसार कृपया अपने विभाग और अधीनस्थ उपक्रमों के सभी संबंधित अधिकारियों को अविलम्ब निर्देश दे कि उनके अधीन चल रहें निर्माण कार्यो के लिये उपकर की राशि नियमित रूप से वसूल कर उसे निम्नलिखित पते पर भेजे।

संयुक्त श्रमायुक्त सह सचिव,
बिहार भवन एवं अन्य सन्निर्माण कर्मकार कल्याण बोर्ड,
विकास भवन, नया सचिवालय, बेली रोड, पटना ।

5. मैं, अभारी हाऊगा यदि पत्र के प्रसंग में की गई कार्रवाई से आप मुझे अवगत करा दें और इसे विषय पर अधीनस्थ अधिकारियों, सार्वजनिक उपक्रमों तथा संविधिक प्रधिकारियों को जारी निर्देशों की एक–एक प्रति मुझे तथा श्रमायुक्त सह अध्यक्ष, बिहार भवन एवं अन्य सन्निर्माण कर्मकार कल्याण बोर्ड, विकास भवन पटना को भेज देने की कृपा करें। इस पत्र के साथ निम्न सूचनाएँ संलग्नकी जाती है ।

1. संलग्न अधिसूचना ।
2. कल्याण बोर्ड के संबंध में संक्षिप्त टिप्पणी
3. सेस संग्रह से संबंधित केन्द्र सरकार की अधिसूचना ।

भवदीय

( )

EXTRACT FROM THE GAZETTE OF INDIA : PART II, SEC. 3, SUB-SEC. (ii)

Appeared on page No. 3[illegible]
Dated : 22-10-96

श्रम मंत्रालय

MINISTRY OF LABOUR

अधिसूचना

नई दिल्ली, 26 सितम्बर, 1996

का. आ. 2899.—केन्द्रीय सरकार, भवन और अन्य संनिर्माण कर्मकार कल्याण उपकर अधिनियम, 1996 (1996 का 28) की धारा 3 की उपधारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए और केन्द्रीय सरकार के श्रम मंत्रालय की अधिसूचना सं. का. आ. 1767, तारीख 17 मई, 1996 को अधिक्रमण करते हुए भवन और अन्य संनिर्माण कर्मकार (नियोजन तथा सेवा की शर्तों का विनियमन) अधिनियम, 1996 (1996 का 27) के प्रयोजनों के लिए किसी नियोजक द्वारा किए जाने वाले संनिर्माण लागत से 1 प्रतिशत की दर पर उपकर विनिर्दिष्ट करती है।

[फा. सं. एस-6101/1/95-आरडब्ल्यू (भाग)]
डी. के. त्रेहन, श्रम एवं नियोजन सलाहकार

NOTIFICATION

New Delhi, the 26th September, 1996

S.O. 2899.—In exercise of powers conferred by sub-section (1) of section 3 of the Building and Other Construction Workers' Welfare Cess Act, 1996 (28 of 1996) and in supersession of the notification of the Government of India in the Ministry of Labour No. S.O. 1767 dated the 17th May, 1996, the Central Government specifies a cess for the purposes of the Building and Other Construction Workers (Regulation of Employment and Other Conditions of Service) Act, 1996 (27 of 1996), at the rate of 1 per cent. of the cost of construction incurred by an employer.

[F. No. S-6101/1/95-RW (Part)]
D. K. TREHAN, Labour & Employment Adviser

The 29th June 2017

Notification No. 1/2017-State Tax (Rate)

S.O 65 dated 29th June 2017—In exercise of the powers conferred by sub-section (1) of section 9 of the Bihar Goods and Services Tax Act, 2017 (Bihar Act 12 of 2017), the Governor of Bihar, on the recommendations of the Council, hereby notifies the rate of the State tax of-

(i) 2.5 per cent. in respect of goods specified in Schedule I,

(ii) 6 per cent. in respect of goods specified in Schedule II,

(iii) 9 per cent. in respect of goods specified in Schedule III,

(iv) 14 per cent. in respect of goods specified in Schedule IV,

(v) 1.5 per cent. in respect of goods specified in Schedule V, and

(vi) 0.125 per cent. in respect of goods specified in Schedule VI

appended to this notification (hereinafter referred to as the said Schedules), that shall be levied on intra-State supplies of goods, the description of which is specified in the corresponding entry in column (3) of the said Schedules, falling under the tariff item, sub-heading, heading or Chapter, as the case may be, as specified in the corresponding entry in column (2) of the said Schedules.

Schedule I – 2.5%

S. No.	Chapter / Heading / Sub-heading / Tariff item	Description of Goods
(1)	(2)	(3)
1.	0303	Fish, frozen, excluding fish fillets and other fish meat of heading 0304
2.	0304	Fish fillets and other fish meat (whether or not minced), frozen
3.	0305	Fish, dried, salted or in brine; smoked fish, whether or not cooked before or during the smoking process; flours, meals and pellets of fish, fit for human consumption
4.	0306	Crustaceans, whether in shell or not, frozen, dried, salted or in brine; crustaceans, in shell, cooked by steaming or by boiling in water, frozen, dried, salted or in brine; flours, meals and pellets of crustaceans, fit for human consumption
5.	0307	Molluscs, whether in shell or not, frozen, dried, salted or in brine; aquatic invertebrates other than crustaceans and molluscs, frozen, dried, salted or in brine; flours, meals and pellets of aquatic invertebra other than crustaceans, fit for human consumption
6.	0308	Aquatic invertebrates other than crustaceans and molluscs, frozen, dried, salted or in brine; smoked aquatic invertebrates other than crustaceans and molluscs, whether or not cooked before or during the smoking process: flours, meals and pellets of aquatic invertebrates other than crustaceans and molluscs, fit for human consumption
7.	0401	Ultra High Temperature (UHT) milk
8.	0402	Milk and cream, concentrated or containing added sugar or other sweetening matter, including skimmed milk powder, milk food for babies [other than condensed milk]
9.	0403	Cream, yogurt, kephir and other fermented or acidified milk and cream, whether or not concentrated or containing added sugar or other sweetening matter or flavoured or containing added fruit, nuts or cocoa
10.	0404	Whey, whether or not concentrated or containing added sugar or other sweetening matter; products consisting of natural milk constituents, whether or not containing added sugar or other sweetening matter, not

S. No.	Chapter / Heading / Sub-heading / Tariff item	Description of Goods
(1)	(2)	(3)
3.	7104	Synthetic or reconstructed precious or semi-precious stones, unworked or simply sawn or roughly shaped

Explanation. –For the purposes of this notification,-

(i) The phrase "unit container" means a package, whether large or small (for example, tin, can, box, jar, bottle, bag, or carton, drum, barrel, or canister) designed to hold a pre-determined quantity or number, which is indicated on such package.

(ii) The phrase "brand name" means brand name or trade name, that is to say, a name or a mark, such as symbol, monogram, label, signature or invented word or writing which is used in relation to such specified goods for the purpose of indicating, or so as to indicate a connection in the course of trade between such specified goods and some person using such name or mark with or without any indication of the identity of that person.

(iii) The phrase "registered brand name" means a brand which is registered under the Trade Marks Act, 1999.

(iv) "Tariff item", "sub-heading" "heading" and "Chapter" shall mean respectively a tariff item, sub-heading, heading and chapter as specified in the First Schedule to the Customs Tariff Act, 1975 (51 of 1975).

(v) The rules for the interpretation of the First Schedule to the Customs Tariff Act, 1975 (51 of 1975), including the Section and Chapter Notes and the General Explanatory Notes of the First Schedule shall, so far as may be, apply to the interpretation of this notification.

2. This notification shall come into force with effect from the 1st day of July, 2017.

[(File No. Bikri-kar/GST/Vividh-13/2017-1)]

By the order of Governor of Bihar,
SUJATA CHATURVEDI,
Commissioner-cum-Principal Secretary
Commercial Taxes Department.

अधीक्षक, सचिवालय मुद्रणालय,
बिहार, पटना द्वारा प्रकाशित एवं मुद्रित,
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Website: http://egazette.bih.nic.in

[Bihar Act 12, 2017]

THE BIHAR GOODS AND SERVICES TAX ACT, 2017

AN

ACT

to make a provision for levy and collection of tax on intra-State supply of goods or services or both by the State of Bihar and the matters connected therewith or incidental thereto

BE it enacted by Legislature of Bihar in the Sixty-eighth Year of the Republic of India as follows:-

CHAPTER I

PRELIMINARY

1. ***Short title, extent and commencement.—***

(1) This Act may be called the Bihar Goods and Services Tax Act, 2017.

(2) It extends to the whole of the State of Bihar.

(3) It shall come into force on such date as the State Government may, by notification in the Official Gazette, appoint:

Provided that different dates may be appointed for different provisions of this Act and any reference in any such provision to the commencement of this Act shall be construed as a reference to the coming into force of that provision.

2. ***Definitions.—In this Act, unless the context otherwise requires :-***

(1) *"actionable claim"* shall have the same meaning asassigned to it in section 3 of the Transfer of Property Act, 1882;

(2) *"address of delivery"* means the address of the recipient of goods or services or both indicated on the tax invoice issued by a registered person for delivery of such goods or services or both;

(3) *"address on record"* means the address of the recipient as available in the records of the supplier;

(4) *"adjudicating authority"* means any authority, appointed or authorised to pass any order or decision under this Act, but does not include the Commissioner, Revisional Authority, the Authority for Advance Ruling, the Appellate Authority for Advance Ruling, the Appellate Authority and the Appellate Tribunal;

(5) *"agent"* means a person, including a factor, broker, commission agent, *arhatia, del credere* agent, an auctioneer or any other mercantile agent, by whatever name called, who carries on the business of supply or receipt of goods or services or both on behalf of another;

(6) *"aggregate turnover"* means the aggregate value of all taxable supplies (excluding the value of inward supplies on which tax is payable by a person on reverse charge basis), exempt supplies, exports of goods or services or both and inter-State supplies of persons having the same Permanent Account Number, to be computed on all India basis but excludes central tax, State tax, Union territory tax, integrated tax andcess;

(7) *"agriculturist"* means an individual or a Hindu Undivided Family who undertakes cultivation of land–

(a) by own labour,or

(b) by the labour of family,or

(c) by servants on wages payable in cash or kind or by hired labour under personal supervision or the personal supervision of any member of thefamily;

(8) *"Appellate Authority"* means an authority appointed or authorised to hear appeals as referred to in section 107;

(9) *"Appellate Tribunal"* means the Goods and Services Tax Appellate Tribunal constituted under section 109;

SCHEDULE III

[*See section* 7]

ACTIVITIES OR TRANSACTIONS WHICH SHALL BE TREATED NEITHER AS A SUPPLY OF GOODS NOR A SUPPLY OF SERVICES

1. Services by an employee to the employer in the course of or in relation to hisemployment.

2. Services by any court or Tribunal established under any law for the time being inforce.

3. (a) the functions performed by the Members of Parliament, Members of State Legislature, Members of Panchayats, Members of Municipalities and Members of other local authorities;

(b) the duties performed by any person who holds any post in pursuance of the provisions of the Constitution in that capacity;or

(c) the duties performed by any person as a Chairperson or a Member or a Director in a body established by the Central Government or a State Government or local authority and who is not deemed as an employee before the commencement of this clause.

4. Services of funeral, burial, crematorium or mortuary including transportation of the deceased.

5. Sale of land and, subject to clause (b) of paragraph 5 of Schedule II, sale of building.

6. Actionable claims, other than lottery, betting and gambling.

Explanation.—For the purposes of paragraph 2, the term "court" includes District Court, High Court and Supreme Court.

By Order of the Governor of Bihar,
SURENDRA PRASAD SHARMA,
Secretary to the Government.

अधीक्षक, सचिवालय मुद्रणालय,
बिहार, पटना द्वारा प्रकाशित एवं मुद्रित।
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SUB HEAD : 0.1

BASIC RATES OF HIRE CHARGE OF PLANT

BASIC RATES - Contd.

0.1 Hire Charges of Plants

Note:- These rates are exclusive of contractor's profit and over head: And are inclusive of wages for weekly day of rest

Code No	Description	Unit	Rate Rs. As per 9th ed
001	Hire charges of Coaltar Boiler 900 to 1400 litres	Per day	**800.00**
002	Hire charges of Concrete Mixer 0.14 cubic metre	Per day	**800.00**
003	Hire charges of Diesel Road Roilei - 8 to 10 tonne	Per day	**2200.00**
004	Production cost of concrete by batch mix plant.	cum	**400.00**
005	Hire charges of Diesel Truck - 9 tonne	Per day	**2000.00**
006	Hire charges of Spraying machine including electric charges	Per day	**250.00**
007	Hire charges of Coltar Sprayer	Per day	**250.00**
008	Hire charges of Barber green , drying mixing and Asphalt Plant , with accessories .capacity 30/45tonne	Per day	**7700.00**
009	Pumping charges of concreteincluding Hire charges of pump, piping work & accessories etc.	cum	**200.00**
010	Hire charges of Derrick monkey rope	Per day	**800.00**
011	Hire charges of Pump set of capacity 4000 litres/hour.	Per day	**650.00**
012	Vibrator (Needle type 40mm)	Per day	**350.00**
013	Machine for rubbing of floors	Per day	**350.00**
014	Front end loader capacity 1.00 cum	Per day	**6000.00**
015	Hire and running charges of Tripod and Mechanical Winch machine complete with power unit and accessories	Per day	**2000.00**
016	Mastic Cooker	Per day	**750.00**
017	Hire and running charges of tipper	Per day	**1800.00**
018	*Hire* and running charges ol loader	Per day	**6000.00**
019	Hire Grinder for mirror polish	Per day	**250.00**
020	Hydraulic Excavator (3D) with driver and fuel.	Per day	**6500.00**
021	Pin vibrator	Per day	**250.00**
022	Surface Vibrator	Per day	**250.00**
023	Hot Bitumen mixer 0.5 cum i/c hand cart	Per day	**3500.00**
024	Hire and running charges of hydraulic piling no «viih power unit etc. including complete accessories and shifting at site.	Per day	**34000.00**
025	Hire and running charges of light crane	Per day	**2500.00**
026	Hire and running charges of bentonite pump.	Per day	**4200.00**
027	Hire and running charges of vibrating pile driving hammer complete		
	with power unit and accessories.	Per day	**35000.00**
028	Hire and running charges of crane 20 tonne capacity	Per day	**9300.00**
029	Carriage of concrete by transit mixer.	km/cum	**23.00**
030	Generator 250 KVA.	Per day	**2500.00**
033	Paint applicator	Per day	**800.00**
037	Mobile crane.	Per day	**7500.00**
038	Tractor with ripper attachment	Per day	**1100.00**
039	Tractor with trolley	Per day	**1250.00**
040	Aircompressor 250 cfm with two leads for pneumatic cutters/hammers	Per day	**1500.00**
041	Joint cutting machine with 2-3 blades	Per day	**750.00**
042	C.C.batch mix plant.	Per day	**10000.00**
043	Road sweeper	Per day	**550.00**
045	Slip frompaver with sensor.	Per day	**13000.00**
046	Water tanker 5000 litre capacity	Per day	**1100.00**

Code No	Description	Unit	Rate Rs. As per 9th ed
047	Concrete joint cutting machine	Per day	**900.00**
048	Texturing machine	Per day	**925.00**
	Note:- Above hire-charges include cost of service of operating staff and supply of lubricating oil.		
	NEW CODES		
049	Dozer D-80-A 12	hour	**2000.00**
050	Motor Grader 3.35 metre blade	hour	**2100.00**
051	Hydraulic Excavator of 1 cum bucket	hour	**800.00**
052	Front end loader 1 cum bucket capacity (incl POL)	hour	**800.00**
053	Tipper -5 Cum	tonne km	**3.00**
054	Vibratory roller 8 to 10 tonne	hour	**650.00**
055	Smooth Wheeled Roller 8 to 10 tonne	hour	**200.00**
056	Tandem Road Roller	hour	**1150.00**
057	Water Tanker 5 to 6 KL capacity	hour	**200.00**
058	Air compressor	hour	**200.00**
059	Wet Mix Plant 60 TPH	hour	**750.00**
060	Mechanical Broom Hydraulic	hour	**200.00**
061	Emulsion Pressure Distributor @ 1750 sqm per hour	hour	**800.00**
062	Hot mix Plant -120 TPH capacity	hour	**15000.00**
063	Hot mix Plant 100 TPH Capacity	hour	**13000.00**
064	Paver finisher Hydrostatic with sensor control 100 TPH	hour	**1500.00**
065	Paver finisher Mechanical 100 TPH	hour	**700.00**
066	Batching and Mixing Plant @ 75 cum per hour	hour	**2500.00**
068	Concrete Paver finisher with 40 HP Motor and sensor	hour	**2500.00**
069	Generator 250 KVA	hour	**400.00**
070	Generator 100 KVA/125 KVA	hour	**300.00**
071	Truck 5.5 cum/ 10 tonnes	tonne km	**3.00**
075	Road sweeper (Mechamical Broom) @ 1250 sqm per hour	hour	**300.00**
076	Drum Type HMP of 60-90 TPH capacity @ 75 tonne per hour actual output	hour	**11000.00**
080	Hire and running charges of drill machine up to 400 mm dia cost of mobile oil, diesel consumption in ordinary soil and operator)(including	day	**7500.00**
0081	Pile integrity testing equipment	day	**3000.00**
0082	Excavation of diaphragm wall by mechanical grab	sqm	**1500.00**
0083	Hire charges of TATA 407 or eqivalent fr local shifting	day	**1400.00**
	Note :- Above hire - charges (from item code 0049 to 0082) include cost of services of operating staff, supply of lubricating oil and diesel also.		

SUB HEAD : 0.2

BASIC RATES OF LABOUR

BASIC RATES - Contd.

0.2 LABOUR

Note:- These rates are exclusive of contractor's profit and over heads and are inclusive of wages for weekly day of rest

Code No	Description	Unit	Rate As per Lab deptt noti no124/1-04-16 Rs.	Rate As per Lab deptt noti no 1443/28-03-18 Rs.
0100	Bandhani	per day	222.00	270.00
0101	Bhishti	per day	229.00	277.00
0102	Blacksmith 1st class	per day	279.00	342.00
0103	Blacksmith 2nd class	per day	249.00	305.00
0107	Bullockman with single builock	per day	284.00	348.00
0111	Carpenter 1st class	per day	279.00	342.00
0112	Carpenter 2nd class	per day	249.00	305.00
0113	Chowkidar	per day	220.00	267.00
0114	Beldar	per day	206.00	254.00
0115	Coolie	per day	218.00	265.00
0116	Fitter (Grade 1)	per day	283.00	348.00
0117	Assistant Fitter or 2nd class Fitter	per day	249.00	305.00
0119	Glazier	per day	233.00	286.00
0122	Mason {For plaster of paris work} 1st class	per day	279.00	342.00
0123	Mason (for orick work) 1st class	per day	279.00	342.00
0124	Mason (for brick work) 2nd class	per day	249.00	305.00
0125	Mason (for plain stone work) 2nd class	per day	249.00	305.00
0126	Mason (for ornamental stone work) 1st class	per day	279.00	342.00
0127	Concrete mixer operator Gr 1	per day	265.00	323.00
0128	Mate	per day	222.00	270.00
0129	Mali	per day	262.00	322.00
0130	Mistry	per day	206.00	254.00
0131	Painter	per day	275.00	323.00
0132	Rock Excavator	per day	220.00	267.00
0133	Rock Breaker	per day	220.00	267.00
0134	Rock Hole Driller	per day	220.00	267.00
0135	Stone Chiseller	per day	222.00	270.00
0136	Sewerman	per day	222.00	270.00
0138	Sprayman (for bitumen, tar etc.)	per day	220.00	267.00
0139	Skilled Beldar (for floor rubbing etc.) / Grinder	per day	249.00	305.00
0141	White Washer	per day	262.00	322.00
0154	Nozzel man/ Gun man	per day	354.00	430.00
0155	Mason (average)	per day	249.00	305.00
0156	Carpenter (average)	per day	249.00	305.00
0157	Operator (Pile/Special machines)	per day	354.00	430.00
0158	Mechanic (Pile/ Assistant operator)	per day	323.00	392.00
0159	Skilled Torch Operator	per day	262.00	322.00

Code No	Description	Unit	Rate As per Lab deptt noti no124/1-04-16 Rs.	Rate As per Lab deptt noti no 1443/28-03-18 Rs.
0160	Technician	per day	361.00	439.00
0161	Helper (Technician)	per day	206.00	254.00
0162	Labour for fabrication of uPVC extruded casement/ sliding windows and doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	per day	354.00	430.00
0163	Labour for installation of uPVC extruded casement/ sliding windows and doors including scaffolding	per day	249.00	305.00
0L01	Un Skilled labour	per day	206.00	254.00
0L02	Un Skilled labour	per day	206.00	254.00
0L03	Mistri	per day	206.00	254.00
0L04	Cleaner	per day	206.00	254.00
0L05	Helper	per day	206.00	254.00
0L06	Khalasi	per day	206.00	254.00
0L11	Electrician Gr-I	per day	265.00	323.00
0L11A	Electrician Gr-II	per day	247.00	301.00
0L12	Lineman/wireman	per day	243.00	294.00
0L13	Chargeman	per day	299.00	364.00
0L14	Fore man	per day	354.00	430.00
0L15	Welder Gr I	per day	315.00	383.00
0L19	Cheker	per day	252.00	308.00
0L20	Hammerman	per day	220.00	267.00
0L21	Tin smith	per day	284.00	348.00
0L22	Tin plate maker	per day	299.00	364.00
0L25	Tile layer	per day	222.00	270.00
OL26	Thatcher	per day	222.00	270.00
0L27	Plumber	per day	265.00	323.00
0L28	Grader	per day	252.00	308.00
0L29	Road binder	per day	233.00	286.00
0L32	Stone layer	per day	247.00	301.00
0L34	Fire man	per day	222.00	270.00
0L36	Gas cutter	per day	264.00	320.00
0L37	Rigger	per day	252.00	308.00
0L38	Sarang	per day	270.00	364.00
0L39	Chipper cum riveitew	per day	264.00	320.00
0L40	Tractor operator	per day	299.00	364.00
0L43	Vibrator operator	per day	232.00	284.00
0L44	Pump driver Gr I	per day	265.00	323.00
0L46	Concrete mixture operator *Gr* I	per day	265.00	323.00
0L49	Truck Driver	per day	299.00	364.00
0L50	Car/Jeep Driver	per day	264.00	320.00

Code No	Description	Unit	Rate As per Lab deptt noti no124/1-04-16 Rs.	Rate As per Lab deptt noti no 1443/28-03-18 Rs.
0L51	Crane Operator Gr 1	per day	354.00	430.00
0L52	Winch Operator	per day	265.00	323.00
0L53	Road Roller Driver	per day	361.00	439.00
0L56	Polisher	per day	222.00	270.00
0L70	Any Other category of semi skilled worker not mentioned above	per day	215.00	265.00
0L71	Any other category of skilled worker not mentioned above	per day	262.00	322.00
0L72	Highly skilled workers	per day	319.00	392.00

SUB HEAD : 0.3

BASIC RATES OF BUILDING & ROAD WORK

0.3 MATERIALS FOR BUILDING WORK AND ROAD WORK (INPUT RATE)

Note.- These rates are exclusive of contractor's profit, over heads ,carriage and all octroi (vat,GST and other taxes)

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0200	Plain ended valley gutters Sheets 6 mm thick (corrugated)	sqm	**195.21**	****
0204	Curved barge board	each	**143.28**	****
0205	Barge Board 2.44 metre long	each	**334.90**	****
0206	Barge Board 1.83 metre long	each	**250.74**	****
0207	Drop end for plain ended valley gutter One piece plain angular ridge 1 .22 metres long	each	**145.06**	****
0208	Plain ended valley gutters Serrated or plain wing Adjustable Ridge 1.22 m long	pair	**198.80**	****
0209	Close fittings adjustable ridge 1.10 m long	pair	**225.65**	****
0210	Drop end for plain ended valley gutter North light adjustable ridge 1.22 mm long	pair	**198.80**	****
0211	Plain ended valley gutters Ridge finials	pair	**102.08**	****
0212	Plain ended valley gutters Unserrated adjustable ridge for hips	pair	**198.80**	****
0213	Plain ended valley gutters Roof light (1.82 metre long)	each	**1074.56**	****
0214	Apron flashing pieces	each	**139.69**	****
0215	Drop end for plain ended valley gutter Eaves filler pieces	each	**102.08**	****
0216	Drop end for plain ended valiey gutter North iight ventilator curves	each	**245.37**	****
0219	Drop end for plain ended valley gutter Expansion joint for North light curves	each	**150.44**	****
0220	Drop end for plain ended valley gutter Expansion joint for ridqes	pair	**281.18**	****
0221	Drop end for plain ended valley gutter Louvers 'S' type (1.75 m)	each	**118.21**	****
0222	Seam bolts nuts 6mm dia and 25mm long	10 Nos	**34.44**	*
0223	Non asbestos Fibre (high impact poly propelene reinforced) cement corrugated sheet 6 mm thick	sqm	**209.41**	*
0224	Non asbestos Fibre (high impact poly propelene reinforced) cement close fitting adjustable ridge	metre	**195.45**	*
0225	Non asbestos Fibre (high impact poly propelene reinforced) cement corrugate serrated adjustable ridge	metre	**195.45**	*
0226	Non asbestos Fibre (high impact poly propelene reinforced) cement plain wing adjustable ridge	metre	**195.45**	*
0227	Non asbestos Fibre (high impact poly propelene reinforced) cement unserrated adjustable ridge for hips	metre	**195.45**	*
0228	Non asbestos Fibre (high impact poly propelene reinforced) cement corrugated apron piece	metre	**186.14**	*
0229	Non asbestos Fibre (high impact poly propelene reinforced) cement eaves filler piece	each	**162.88**	*
0230	Non asbestos Fibre (high impact poly propelene reinforced) cement north light curves	metre	**260.60**	*
0231	Non asbestos Fibre (high impact poly propelene reinforced) cement ventilator curves	each	**288.52**	*
0232	Non asbestos Fibre (high impact poly propelene reinforced) cement barge boards boards 6mm thick	metre	**372.29**	*
0233	Non asbestos Fibre (high impact poly propelene reinforced) cement ridge finial	pair	**153.57**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0234	Non asbestos Fibre (high impact poly propelene reinforced) cement special north light curves	each	**516.55**	*
0235	Non asbestos Fibre (high impact poly propelene reinforced) cement S type louvers	each	**241.99**	*
0236	Multi purpose fibre (high impact poly propelene reinforced) cement boards 6mm thick	sqm	**195.45**	*
0237	Multi purpose fibre (high impact poly propelene reinforced) cement boards8mm thick	sqm	**200.11**	*
0238	6 mm thick heavy duty fiber cement board	sqm	**409.52**	*
0239	8mm thick heavy duty fiber cement board	sqm	**299.69**	*
0240	9 mm thick heavy duty fiber cement board	sqm	**613.35**	*
0241	12.5 mm thick Gypsum plaster board	sqm	**148.92**	*
0242	6 mm thick mulitipurpose cement bonded wood particle board conforming to IS : 14276	sqm	**190.80**	*
0243	8 mm thick mulitipurpose cement bonded wood particle board conforming to IS : 14276	sqm	**195.45**	*
0285	Brick Aggregate (Single size) 63 mm nominal size	cum	1222.00	**
A	For Uraban Patna	cum	1303.00	**
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	1247.00	**
C	For other places	cum	1222.00	**
D	For Patna Rural	cum	1273.00	**
0286	Brick Aggregate (Single size) 50 mm nominal size	cum	1351.00	**
A	For Uraban Patna	cum	1452.00	**
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	1392.00	**
C	For other places	cum	1351.00	**
D	For Patna Rural	cum	1408.00	**
0287	Brick Aggregate (Single size) 40 mm nominal size	cum	1351.00	**
A	For Uraban Patna	cum	1452.00	**
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	1392.00	**
C	For other places	cum	1351.00	**
D	For Patna Rural	cum	1408.00	**
0291	Stone Aggregate (Singie size) 63 mm nominal size	cum	431.67	**
0292	Stone Aggregate (Single size) 50 mm nominal size.	cum	431.67	**
0293	Stone Aggregate (Single size) 40 turn nominal size	cum	445.22	**
0294	Stone Aggregate (Single size) 25 mm nominal size	cum	530.48	**
0295	Stone Aggregate (Single size) 20 mm nominal size	cum	556.33	**
0296	Stone Aggregate (Single size) 12.5 mm nominal size	cum	649.26	**
0297	Stone Aggregate (Single size) 10 mm nominal size	cum	620.42	**
0298	Stone Aggregate (Single size) 6 mm nominal size	cum	412.49	**
0302	Safeda bailies 125 mm diameter	metre	**32.57**	*
0303	Cowdung	cum	**46.54**	*
0304	Bajri	cum	**1116.87**	*
0305	Bamboo 25mm dia 2.5 meter long	score	**372.29**	*
0308	Bhusa	quintal	**558.43**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0309	Paving bitumen S-90 of approved quality	tonne	**27549.41**	*
0310	Bitumen emulsion	tonne	39495.00	**
0312	Bitumen grade PMB- 40	tonne	**35879.39**	*
0313	Blown type petrolium bitumin of Penetration 85/25 of opproved quality	tonne	**32166.73**	*
0314	Bitumen hot sealing compound Grade A	kilogram	**26.06**	*
0316	Bitumen hot sealing compound Bitumen solution primer of approved quality	litre	**46.54**	*
0317	Premoulded joint filler 12 mm thick	sqm	**282.01**	*
0318	Bitumen felt fibre base (vegetable or animal) :As per IS 7193 Grade I	sqm	**65.15**	*
0319	Bitumen felt as per IS 7193 Grade II	sqm	**74.46**	*
0322	Bitumen felt Type 3 grade I confirming to IS : 1322	sqm	**65.15**	*
0323	Separation Membrane of impermeable plastic sheeting 125 micron thick	sqm	**11.17**	*
0324	Coal tar	litre	**27.92**	*
0325	Blasting Material Blasting powder	kilogram	**32.58**	*
0326	Blasting Material Blasting fuse (fuse wire)	each	**13.96**	*
0328	White face insulating board: 12 mm thick	sqm	**232.68**	*
0332	Natural colour insulating board: 12 mm thick	sqm	**204.76**	*
0336	Flame retardant face insulating board: 12 mm thick	sqm	**307.14**	*
0339	Flame retardant face insulating board: Impregnated fibre board 12 mm thick	sqm	**325.75**	*
0341	Flat pressed 3 layer particle board (medium density) Grade I 12 mm thick	sqm	**307.14**	*
0346	Extra for veneered particle board with Teak veneering on one side and commercial veneering on other side	sqm	**251.30**	*
0347	Extra for veneered particle board with Commercial veneering pn both sides	sqm	**167.53**	*
0348	Extra for veneered particle board with Teak veneering on both sides	sqm	**465.36**	*
0349	Curing compound	litre	**27.92**	*
0351	Integral crystalline slurry	kg	**251.30**	*
0352	Integral crystalline admixture	kg	**287.59**	*
0353	Crystalline mortar	kg	**230.82**	*
0354	Integral crystalline dry shake	kg	**383.46**	*
0355	Swellable type water stop tape	metre	**387.18**	*
0356	Primer for swellable type water stop tape	litre	**1628.77**	*
0357	Polymer modified adhesive mortar	kg	**13.50**	*
0362	Brick bats	cum	**1004.00**	**
A	For Uraban Patna	cum	**1095.00**	**
B	For Purnea,Saharsa,Bhagalpur,Munger & Darabhaga	cum	**1050.00**	**
C	For other places	cum	**1004.00**	**
D	For Patna Rural	cum	1049.00	**
0364	Wire brush	each	**18.61**	*
0365	Soft brush	each	**16.75**	*
0367	Portland Slag cement (P.S.C.)	tonne	**5474.00**	***
0367A	Patna	tonne	5718.00	***

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0367B	Muzaffarpur	tonne	5688.00	***
0367C	Darbhanga	tonne	5572.00	***
0367D	Bhagalpur	tonne	5704.00	***
0367E	Munger	tonne	5492.00	***
0367F	Saharsa	tonne	5670.00	***
0367G	Purnea	tonne	5572.00	***
0367H	Gaya	tonne	5474.00	***
367 I	Saran	tonne	5630.00	***
0367	Portland pozaiona cement (P.P.C.)	tonne	**3984.00**	***
0367A	Patna	tonne	4532.00	***
0367B	Muzaffarpur	tonne	4376.00	***
0367C	Darbhanga	tonne	4376.00	***
0367D	Bhagalpur	tonne	4532.00	***
0367E	Munger	tonne	4490.00	***
0367F	Saharsa	tonne	4454.00	***
0367G	Purnea	tonne	4606.00	***
0367H	Gaya	tonne	3984.00	***
367 I	Saran	tonne	4428.00	***
0367	Ordinary Portland cement (O.P.C.) Grade -43	tonne	**4882.00**	***
0367A	Patna	tonne	5156.00	***
0367B	Muzaffarpur	tonne	5156.00	***
0367C	Darbhanga	tonne	5156.00	***
0367D	Bhagalpur	tonne	5076.00	***
0367E	Munger	tonne	5076.00	***
0367F	Saharsa	tonne	5156.00	***
0367G	Purnea	tonne	5156.00	***
0367H	Gaya	tonne	4882.00	***
367 I	Saran	tonne	5068.00	***
0368	White cement	tonne	**10424.10**	*
0369	Plastic sheath,1.25 mm thick for dowel bars	sqm	**27.92**	*
0370	Coal (Steam)	quintal	**372.29**	*
0371	Sealant primer	kg	**116.34**	*
0373	Cramp Gun metal 25x6x300 mm	each	**74.46**	*
0374	Pre moulded Joint filler, 25 mm thick for expansion joint.	sqm	**418.83**	*
0378	Brass butt hinges (Light/Ordinary type) 125x70x4 mm	ten	**791.11**	*
0379	Brass butt hinges (Light/Ordinary type) 100x70x4 mm	ten	**651.51**	*
0380	Brass butt hinges (Light/Ordinary type) 75x40x2.5 mm	ten	**400.21**	*
0381	Brass butt hinges (Light/Ordinary type) 50x40x2.5 mm	ten	**167.53**	*
0382	Brass butt hinges (heavy type) 125x85x5.5 mm(0.70kg)	ten	**1342.10**	*
0383	Brass butt hinges (heavy type; 100x85x5.5 mm(0.56kg)	ten	**1073.12**	*
0384	Brass butt hinges (heavy type) 75x65x4.0 mm(0.20kg)	ten	**884.19**	*
0385	Brass parliamentary hinges 150x125x27x5 mm	ten	**2792.17**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0386	Brass parliamentary hinges 125x125x27x5 mm	ten	**2419.88**	*
0387	Brass parliamentary hinges 100x125x27x5 mm	ten	**2233.74**	*
0388	Brass parliamentary hinges 75x100x20x3.2 mm	ten	**1954.52**	*
0389	Brass single acting spring hinges 150 mm	each	**428.13**	*
0390	Brass single acting spring hinges 125 mm	each	**277.36**	*
0391	Brass single acting spring hinges 100 mm	each	**241.99**	*
0392	Brass double acting Spring Hinges 150mm	each	**463.50**	*
0393	Brass double acting Spring Hinges 125mm	each	**381.60**	*
0394	Brass double acting Spring Hinges 1 OOmm	each	**344.37**	*
0400	Brass tower boits (barrel type) 250x10 mm	each	**232.68**	*
0401	Brass tower bolts (barrel type) 200x10 mm	each	**186.14**	*
0402	Brass tower bolts (barrel type) 150x10 mm	each	**139.61**	*
0403	Brass tower bolts (barrel type) 100x10 mm	each	**93.07**	*
0404	Brass flush bolts 250 mm	each	**139.61**	*
0405	Brass flush bolts 150 mm	each	**120.99**	*
0406	Brass flush bolts 100 mm	each	**83.77**	*
0408	Brass handles 125mm with plate 175x32 mm	each	**130.30**	*
0409	Brass handles 100mm with plate 150x32 mm	each	**120.99**	*
0410	Brass handles 75mm with plate 125x32 mm	each	**93.07**	*
0411	Brass door latch 300x16x5 mm (0.380 Kg)	each	**167.53**	*
0412	Brass door latch 250x16x5 mm (0.350 Kg)	each	**158.22**	*
0413	Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	**362.98**	*
0414	Brass mortice latch 100x65 mm with a pair of brass level handles	each	**279.22**	*
0417	Brass 150mm floor door stopper (0.357 Kg)	each	**158.22**	*
0418	Brass hard drwn hooks and eyes 300mm	10 nos	**604.97**	*
0419	Brass hard drawn hooks and eyes 250 mm	ten	**591.01**	*
0420	Brass hard drawn hooks and eyes 200 mm	ten	**549.13**	*
0421	Brass hard drawn hooks and eyes 150 mm	ten	**418.83**	*
0422	Brass hard drawn hooks and eyes 100 mm	ten	**372.29**	*
0423	Brass casement window fastener	each	**46.54**	*
0424	Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	each	**125.65**	*
0425	Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg	each	**102.38**	*
0426	Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg	each	**93.07**	*
0427	Brass quadrant stays 300 mm	each	**116.34**	*
0428	Brass fanlight catch	each	**186.14**	*
0429	Brass fanlight pivot	ten	**181.49**	*
0430	Brass chain with hook for fan light catch	each	**37.23**	*
0431	Brass hasps and Staples (Safety type) 150 mm	ten	**725.96**	*
0432	Brass hasps and staples (safety type) 115 mm	ten	**604.97**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0433	Brass hasps and Staples (Safety type) 90 mm	ten	**521.21**	*
0438	Brass Night latch	each	**553.78**	*
0442	Brass helical Spring 150 mm	each	**288.52**	*
0443	Brass curtain rod 12 mm dia 1.25 mm thick	metre	**81.32**	****
0444	Brass curtain rod 20 mm dia 1.25 mm thick	metre	**111.69**	*
0445	Brass curtain rod 25 mm dia 1.25 mm thick	metre	**130.30**	*
0446	Brass brackets (curtain rods) 20 mm	each	**41.88**	*
0447	Brass cupboard knob or ward robe knob 50 mm	each	**32.58**	*
0449	Brass screws 50 mm	cent	**204.76**	*
0450	Brass screws 40 mm	cent	**158.22**	*
0451	Brass screws 30 mm	cent	**130.30**	*
0452	Bras screws 25 mm	cent	**93.07**	*
0453	Brass screws 20 mm	cent	**88.42**	*
0524	Chromium plated Brass butt hinges (heavy) type 75x65x4.0 mm weighing not less than 200gms	10Nos.	**930.72**	*
0525	Chromium plated Brass butt hinges (light / ordinary) type 125x70x4.0 mm	10 Nos.	**837.65**	*
0526	Chromium plated Brass butt hinges (light / ordinary) type 100x70x4.0 mm	10Nos.	**698.04**	*
0527	Chromium plated Brass butt hinges (light / ordinary) type 75x40x2.5 mm	10 Nos.	**428.13**	*
0528	Chromium plated Brass butt hinges (light / ordinary) type 50x40x2.5 mm	10 Nos.	**186.14**	*
0552	75mm SS fancy handles for kitchen cabinet	10 Nos.	**279.22**	*
0553	100mm SS fancy handles for kitchen cabinet	10 Nos	**465.36**	*
0554	125mm SS fancy handles for kitchen cabinet	10 Nos	**651.51**	*
0555	Chromium plated Brass handles 125mm with plate 175x32mm	each	**162.88**	*
0556	Chromium plated Brass handles 100mm with plate 150x32mm	each	**139.61**	*
0557	Chromium plated Brass handles 75mm with plate 125x32mm	each	**120.99**	*
0558	Chromium plated Brass mortice latch and lock 100mm x 65mm with 6 levers and apair of brass lever and a pair or brass handles	each	**460.71**	*
0568	Chromium plated Brass casement window fastner	each	**88.42**	*
0569	Chromium plated Brass casement stays (straight peg type) 300mm weighing not less than 0.33 Kg.	each	**139.61**	*
0570	Chromium plated Brass casement stays (straight peg type) 250mm weighing not less than 0.28 Kg.	each	**120.99**	*
0571	Chromium plated Brass casement stays (straight peg type) 200mm weighing not less than 0.24 Kg	each	**107.03**	*
0583	Chromium plated Brass Night latch	each	**502.59**	*
0584	Chromium plated Brass .Wardrobe Knob 50 mm	each	**79.11**	*
0585	Chromium plated Brass screws 50mm	100 Nos	**316.45**	*
0586	Chromuim plated Brass screws 40mm	100 Nos	**288.52**	*
0587	Chromium plated Brass screws 30mm	100 Nos	**232.68**	*
0588	Chromium plated Brass screws 25mm	100 Nos	**176.84**	*
0589	Chromium plated Brass screws 20mm	100 Nos	**158.22**	*
0590	Chromium plated *brass* curtain rod 12 mm dia 1.25 mm thick	meter	**186.14**	*
0591	Chromium plated brass curtain rod 20 nm dia 1.25 mm thick	meter	**255.95**	*
0592	Chromiurr: plated brass curtain rod 25 mm dia 1.25 mm thick	meter	**339.71**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0593	C.P. Brass Extension Nipple (1/2"x2" size)	each	**41.88**	
0594	Brigh finish or black enameted mild steel butt hinges 125x65x2.12mm	10 Nos	**130.30**	*
0595	Brigh finish or black enameted mild steel butt hinges 100x58x1.90mm	10 Nos	**79.11**	*
0596	Brigh finish or black enameted mild steel butt hinges 75x47x1.70 mm	10 Nos	**55.84**	*
0597	Brigh finish or black enameted mild steel butt hinges 50x37x1.50 mm	10 Nos	**46.54**	*
0598	150x125x27x2.80 mm porliamentary hinges	10 Nos	**358.19**	****
0599	125x125x27x2.80 mm porliamentary hinges	10 Nos	**322.37**	****
0600	100x125x27x2.80 mm popliamentary hinges	10 Nos	**214.91**	****
0601	75x100x20x2.24 mm parliomentory hinges	10 Nos	**170.82**	****
0602	150 mm single acting spring hinges	each	**103.32**	****
0603	125 mm single acting spring hinges	each	**89.55**	****
0604	100 mm single acting spring hinges	each	**71.65**	****
0605	150 mm double acting spring hinges	each	**125.37**	****
0606	125 mm double acting spring hinges	each	**101.95**	****
0607	100 mm double acting spring hinges	each	**64.73**	****
0608	Nickel plated miid steel piano hinges 1 mm thick 25 mm wide	metre	**37.23**	*
0614	300x20x6 mm door latch	each	**35.82**	****
0615	250x20x6 mm door latch	each	**28.94**	****
0620	125 mm handles	each	**6.89**	****
0621	100 mm handles	each	**5.51**	****
0622	75 mm handles	each	**4.13**	****
0632	115 mm hasper & stopler (safety type)	10 Nos	**81.29**	****
0633	90 mm hasper & stopler (safety type)	10 Nos	**63.37**	****
0635	Brigh finish or black enameled mild steel screws 50 mm	100 Nos	**71.67**	*
0636	Oxidiged mild steel 45 mm screw	100 Nos	**45.46**	****
0637	Bright finish or black enameled mild steel screws 40 mm	100 Nos	**58.64**	*
0638	Bright finish or black enameled mild steel screws 30 mm	100 Nos	**46.54**	*
0639	Bright finish or black enameled mild steel screws 25 mm	100 Nos	**34.44**	*
0640	Bright finish or black enameled mild steel screws 20 mm	100 Nos	**29.78**	*
0641	Bright finished or black enameled mild steel bolts and nuts 50 X 6mm	each	**4.65**	*
0642	Oxidised mild steel butt hinges 125x65x2.12mm	10 Nos	**130.30**	*
0643	Oxidised mild steel butt hinges 100x58x1.90mm	10 Nos	**83.77**	*
0644	Oxidised mild steel butt hinges 75x47x1.70mm	10 Nos	**60.50**	*
0645	Oxidised steel mild butt hinges 50x37x1.50rnrn	10 Nos	**51.19**	*
0646	Oxidised steel mild parliamentary hinges 150x125x27x2.80 mm	10 Nos	**316.45**	*
0647	Oxidised steel mild parliamentary hinges 125x125x27x2.80 mm	10 Nos	**293.18**	*
0648	Oxidised steel mile' parliamentary hinges 100x125x27x2.80 mm	10 Nos	**218.72**	*
0649	Oxidised steel mild parliamentary hinpes 75x100x20x2.24 mm	10 Nos	**186.14**	*
0650	Oxidised mild steel Single acting spring hinges 150mm	each	**130.30**	*
0651	Oxidised mild steel Single acting spring hinges 125 mm	each	**111.69**	*
0652	Oxidised mild steel Single acting spring hinges 100 mm	each	**93.07**	*
0653	Oxidised mild steel double acting spring hinges 150 mm	each	**148.92**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0654	Oxidised mild steel double acting spring hinges 125 mm	each	**130.30**	*
0655	Oxidised mild steel double acting spring hinges 100 mm	each	**111.69**	*
0656	Nickel plated mild steel piano, hinges 1 mm thick 35mm wide	metre	**41.88**	*
0660	Oxidised mild steel sliding door bolts 300x16mm	each	**88.42**	*
0661	Oxidised mild steel sliding door bolts 250x16mm	each	**79.11**	*
0662	Oxidised mild steel door latch 300x20x6 mm	each	**46.54**	*
0663	Oxidised mild steel door latch 250x20x6 mm	each	**37.23**	*
0664	Oxidised mild steel tower bolts (barrel type) 250x10 mm	each	**41.88**	*
0665	Oxidised mild steel lower bolts (barrel type) 200x10 mm	each	**32.58**	*
0666	Oxidised mild steel tower bolts (barrel type) 150x10 mm	each	**27.92**	*
0667	Oxidised mild steel tower bolts (barrel type) 100x10 mm	each	**18.61**	*
0668	Oxidised mild steel handles 125 mm	each	**18.61**	*
0669	Oxidised mild steel handles 100 mm	each	**13.96**	*
0670	Oxidised mild steel handles 75 mm	each	**11.17**	*
0679	Oxidised mild steel hasps and staples (safety type) 150 mm	10 Nos	**120.99**	*
0680	Oxidised mild steel hasps and staples (safety type) 115 mm	10 Nos	**102.38**	*
0681	Oxidised mild steel hasps and staples (safety type) 90 mm	10 Nos	**74.46**	*
0682	Oxidised mild steel screws 50 mm	100 Nos	**71.67**	*
0683	Oxidised mild steel screws 40 mm	100 Nos	**58.64**	*
0684	Oxidised mild steel screws 30 mm	100 Nos	**46.54**	*
0685	Oxidised mild steel screws 25 mm	100 Nos	**34.44**	*
0686	Oxidised mild steel screws 20 mm	100 Nos	**29.78**	*
0687	Anodised Aluminium butt hinges 125x75x4 mm	10 Nos	**530.51**	*
0688	Anodised Aluminium butt hinges 125x63x4 mm	10 Nos	**372.29**	*
0689	Anodised Aluminium butt hinges 100x75x4 mm	10 Nos	**372.29**	*
0690	Anodised Aluminium butt hinges 100x63x3.2 mm	10 Nos	**255.95**	*
0691	Anodised Aluminium butt hinges 100x63x4 mm	10 Nos	**307.14**	*
0692	Anodised Aluminium butt hinges 75x63x4 mm	10 Nos	**260.60**	*
0693	Anodised Aluminium butt hinges 75x63x3.2 mm	10 Nos	**214.07**	*
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	**186.14**	*
0695	Anodised Aluminium butt hinges 50x35x3.2 mm	10 Nos	**99.20**	****
0696	Anodised Aluminium silding door bolt 300x16 mm	each	**139.61**	*
0697	Anodised Aluminium silding door bolt 250x16 mm	each	**120.99**	*
0698	Anodised Aluminium tower bolt (barrel type)300x10 mm	10 Nos	**549.13**	*
0699	Anodised Aluminium tower bolt (barrel type)250x10 mm	10 Nos	**456.05**	*
0700	Anodised Aluminium tower bolt (barrel type)200x10 mm	10 Nos	**362.98**	*
0701	Anodised Aluminium tower bolt (barrel type) 150x10 mm	10 Nos	**288.52**	*
0702	Anodised Aluminium tower bolt (barrel type) 100x10 mm	ten	**214.07**	*
0703	Anodised Aluminium handles 125 mm with plate 175x32 mm	ten	**307.14**	*
0704	Anodised Aluminium nandies 100 mm with plate 150x32 mm	ten	**260.60**	*
0705	Anodised Aluminium handles 75 mm with plate 125x32 mm	ten	**218.72**	*
0706	Anodised Aluminium kicking plate 50cm long 100x3.15 mm	each	**134.95**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0713	Block Board Construction flush door with teak wood ply on both faces 35 mm thick	sqm	**1675.30**	*
0714	Block Board Construction flush door with teak wood ply on both faces 30 mm thick	sqm	**1582.23**	*
0715	Block Board Construction flush door with teak wood ply on both faces 25 mm thick	sqm	**1396.09**	*
0717	Block board construction flush door with Commercial ply on both faces 35 mm thick	sqm	**930.72**	*
0718	Block board construction flush door with Commercial ply on both faces 30 mm thick	sqm	**930.72**	*
0719	Block board construction flush door with Commercial ply on both faces 25 mm thick	sqm	**893.49**	*
0752	Block board construction flush door lipping 25 mm thick	sqm of	**293.18**	*
0753	Square vision Panel in Block board construction flush door	sqm of door area	**130.30**	*
0754	Circular Vision Panel in block board construction flush door	sqm of door area	**139.61**	*
0755	Decorative type Louvers in Block board construction flush door	sqm of door area	**302.49**	*
0757	Rebate cutting in Block board construction flush door	sqm of door area	**102.38**	*
0759	Decorative Plywood 4 mm	sqm	**279.22**	*
0761	Fuel Wood	quintal	**465.36**	*
0763	Glue	kilogram	**65.15**	*
0764	Calcium silicate base compound for jointing calcium silicate tiles	kilogram	**23.27**	*
0765	Hessian cloth	sqm	**23.27**	*
0768	Jali (cement concrete) 50mm thick	sqm	**218.72**	*
0769	Jali (cement concrete) 40mm thick	sqm	**186.14**	*
0770	Jali (cement concrete) 25mm thick	sqm	**153.57**	*
0771	Kerosene oil	litre	**41.88**	*
0772	White cement based polymer modified self curing compound in powder form	kg	**13.96**	*
0773	Lime Unslaked lime	quintal	**251.30**	*
0775	Lime Dehradun white lime	quintal	511.90	*
0776	Lime Satna lime	quintal	**344.37**	*
0777	Dry hydrated lime (factory made)	quintal	**260.60**	*
0784	Marble dust / powder	cum	**930.72**	*
0785	Marble chips upto 4mm and down size White & black	quintal	**232.68**	*
0786	Marble chips upto 4mm and down size Chocolate, grey or yellow	quintal	**158.44**	****
0787	Marble chips upto 4mm and down size Baroda green	quintal	**158.44**	****
0788	Marble chips Large size above 4mm. white & black	quintal	**232.68**	*
0801	Silicon and acrylic emulsion	litre	**120.99**	*
0802	Acrylic distemper 1st quality , having VOC content less than 50gm/litre	Kg	**35.37**	*
0803	Acrylic emulsion , having VOC content less than 50 gm/litre	litre	**167.53**	*
0804	Premium acrylic emulsion of interior grade, having VOC content less than 50 gm/litre	litre	**195.45**	*
0805	Synthetic enamel paint , having VOC (Volatile Organic Compound) content less than 150 gm/litre	litre	**172.22**	*
0806	Ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 gms/litre	litre	**107.64**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0807	Ready mixed red oxide zinc chromatic on steel/ iron work, having VOC content less than 250 gms/litre	litre	**111.69**	*
0808	Water thinnable cement primer for interior wall surface, having VOC content less than 50 gms/litre	litre	**52.12**	*
0809	Exterior Primer	kg	**48.40**	*
0810	Moorum	cum	**132.21**	**
0811	Mud (dry)	cum	**139.61**	*
0815	Dry Distemper	kilogram	**25.83**	*
0816	Oil bound washable distemper / Acrylic distemper	kilogram	**38.75**	*
0818	Linseed oil (double boiled)	litre	**186.14**	*
0820	Cement primer	litre	**55.84**	*
0821	Distemper primer	litre	**54.91**	*
0823	Pink primer (for wood)	litre	**79.11**	*
0824	White cement based putty	kg	**18.61**	*
0826	Aluminium paint	litre	**111.94**	*
0827	Acid proof paint (chocolate or black)	litre	**193.75**	*
0828	Anti-corrosive bituminous paint (black)	litre	**86.11**	*
0829	Black Japan	litre	**77.50**	*
0830	Enamel paint	litre	**133.47**	*
0831	Floor enamel paint in all shades except green	litre	**105.05**	*
0833	Synthetic enamel paint black or chocolate shade	litre	**146.39**	*
0834	Synthetic enamel paint in ail shades except black or chocolate	litre	**129.17**	*
0835	Plastic emulsion paint	litre	**172.22**	*
0845	Roofing paint for iron sheets in red colour	litre	**103.33**	*
0850	White lead	kilogram	**129.17**	*
0851	Water proofing cement paint Snowcem Plus	kilogram	**32.72**	*
0855	Wax polish (ready made)	kilogram	**260.38**	*
0856	Ordinary varnish	litre	**77.50**	*
0857	Superior copal varnish	litre	**111.94**	*
0858	Superior spar varnish	litre	**111.94**	*
0859	Oil type wood preservative	litre	**130.30**	*
0863	Polish Putty for wood work	kilogram	**27.92**	*
0865	Pigments Pig lead	kilogram	**128.44**	*
0868	Premixed super white gypsum plaster.	kg	**4.65**	*
0869	Plaster of Paris	kilogram	**3.72**	*
0870	Pigments Plug	each	**9.31**	*
0873	Copper pins 6 mm dia 7.5cm long	each	**9.31**	*
0874	Pigments black colour dark shade	kilogram	**74.46**	*
0875	Pigments Red chocolate orange buff or yellow (red oxide of iron) light shade	kilogram	**74.46**	*
0876	Pigments green or blue medium shade	kilogram	**74.46**	*
0886	standard holdar bat clamps for sand cast iron or cast iron pipes 150mm dia	each	**41.88**	*
0966	sand cast iron plain shoe 150mm dia	each	**288.52**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
0967	pigments plate -copper	kilogram	**260.60**	*
0969	Pulleys 25mm dia	each	**51.19**	*
0973	Rolling shutters and its parts Rolling shutter made of 80X1.25mm machine rolled laths	sqm	**1228.55**	*
0974	Rolling shutters and its parts Top cover for rolling shutters	metre	**824.62**	*
0975	Rolling shutters and its parts 27.5cm long wire spring grade No 2 for rolling Shutters	each	**325.75**	*
0976	Rolling shutters and its parts ball bearing for rolling shutters	each	**260.60**	*
0977	Extra for mechnical devices chain and cranked operation for operating rolling shutters Exceeding 10.00 sqm and upto 16.80 sqm area of door	sqm	**558.43**	*
0978	Extra for mechnical devices chain and cranked operation for operating rolling shutters Exceeding 16.80 sqm area of door	sqm	**558.43**	*
0979	Royalty for good earth	cum	**27.92**	*
0980	Royalty for sludge	cum	**83.77**	*
0982	Sand Coarse sand Doriganj equvalent to Koilwar/Sone sand	cum	160.69	**
982A	Sand Coarse sand querry at Koilwar/Sone		160.69	**
0983	Fine sand (zone IV)	cum	117.66	**
0992	Galvanised steel plain sheets	quintal	**5212.05**	*
0994	Standard quality hard board sheet 3mm thick	sqm	**134.02**	*
0996	Sheets standard quality had board sheet 4.5mm thick	sqm	**145.21**	*
0999	Polish shellac	kilogram	**279.22**	*
1000	Oil/Fuel spirit	litre	**46.54**	*
1003	**Mild steel round bar above 12mm dia**	quintal	4545.00	**
1001	Spun yarn	kilogram	**46.54**	*
1002	**Mild steel round bar 12mm dia and below**	quintal	4545.00	**
1004	**Mild steel wire rod**	quintal	4545.00	**
1004A	5.5mm	quintal	4545.00	**
1004B	6.0mm	quintal	4532.00	**
1004C	6.5mm	quintal	4518.00	**
1004D	7.0mm	quintal	4505.00	**
1004E	8.00mm	quintal	4492.00	**
1004F	10.0mm	quintal	4545.00	**
1004G	12.0/12.7mm	quintal	4545.00	**
1005	**Steel T.M.T. Bars Fe 500**	quintal		**
1005A	TMTC-500-8mm	quintal	4593.20	**
1005B	TMTC-500-10mm	quintal	4542.40	**
1005C	TMTC-500-12mm	quintal	4491.50	**
1005D	TMT FE-500-16mm	quintal	4491.50	**
1005E	TMT FE-500-20mm	quintal	4491.50	**
1005F	TMT FE-500-25mm	quintal	4491.50	**
1005G	TMT FE-500-28mm	quintal	4491.50	**
1005H	TMT FE-500-32mm	quintal	4491.50	**
1005 I	TMT FE-500-36mm	quintal	4491.50	**
~~**1005 '**~~	~~**Steel T.M.T. Bars Fe 415**~~	~~quintal~~		~~*~~

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
~~1005A '~~	~~TMTC-415-8mm~~	~~quintal~~		*
~~1005B '~~	~~TMTC-415-10mm~~	~~quintal~~		*
~~1005C '~~	~~TMTC-415-12mm~~	~~quintal~~		*
~~1005D '~~	~~TMT FE-415-16mm~~	~~quintal~~		*
~~1005E '~~	~~TMT FE-415-20mm~~	~~quintal~~		*
~~1005F '~~	~~TMT FE-415-25mm~~	~~quintal~~		*
~~1005G '~~	~~TMT FE-415-28mm~~	~~quintal~~		*
1005H '	~~TMT FE-415-32mm~~	~~quintal~~		*
1006	Mild steel square bars	quintal	**3420.41**	*
1007 A	**STEEL JOIST**	quintal	**3903.24**	*
a	200X100	quintal	**3903.24**	*
b	225X110	quintal	**3903.24**	*
c	250X125	quintal	**3963.02**	*
d	300X140	quintal	**3963.02**	*
e	350X140	quintal	**4084.84**	*
f	400X140	quintal	**4204.27**	*
g	450X150	quintal	**4314.28**	*
h	500X180	quintal	**4424.31**	*
i	600X210	quintal	**4754.57**	*
1007B	**STEEL CHANNEL**	quintal	4326.00	**
a	75X40	quintal	4326.00	**
b	100X50	quintal	4326.00	**
c	125X65	quintal	4326.00	**
d	150X75	quintal	4326.00	**
e	175X75	quintal	4326.00	**
f	200X75	quintal	4353.00	**
g	250X82	quintal	4353.00	**
h	300X90	quintal	4353.00	**
i	400X100	quintal	4353.00	**
1007C	**STEEL ANGLES**	quintal		**
a	50x50x6	quintal	4155.00	**
b	60X60X6	quintal	4155.00	**
c	65X65X6	quintal	4155.00	**
d	75X75X6	quintal	4155.00	**
e	80X80X8/10/12	quintal	4155.00	**
f	90X90X6	quintal	4155.00	**
g	100X100X8/10/12	quintal	4155.00	**
h	110X110X8/10/12	quintal	4155.00	**
i	130X130X10/12	quintal	4155.00	**
j	150X150X12/16/20	quintal	4155.00	**
k	200X200X16/18/26	quintal	4155.00	**
1008	Flats upto 10mm in thickness	quintal	**3420.41**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
1009	Flats exceeding 10mm in thickness	quintal	**3513.48**	*
1010	Mild steel plates	quintal	**3629.82**	*
1011	Steel glazed door,window/ ventilator, all members viz. F7D, F4B,K11 and K12B etc.	kg	**44.67**	*
1013	Mild steel sheets for tanks	quintal	**3513.48**	*
1015	Mild steel expanded metal 20x60 mm strands	sqm	**260.60**	*
1019	Mild steel hooks	each	**27.92**	*
1020	Mild steel rivets	quintal	**4188.26**	*
1021	Hard drawn steel wire fabric	sqm	**372.29**	*
1022	Galvanised steel bolts and nuts 6mm dia. And 25mm long round head with slots	ten	**35.37**	*
1023	Galvanised steel J or L hooks 8mm dia.	Ten	**107.03**	*
1024	Galvanised steel bolts and nuts 10mm dia. and 125mm long	each	**10.24**	*
1025	Mild steel bolts 6mm dia and 25mm long with hexagonal head	ten	**25.13**	*
1028	Straining bolts	each	**60.50**	*
1029	Galvanised steeL barbed wire	quintal	**4467.47**	*
1030	Galvanised steel turn buckles	each	**13.96**	*
1031	Galvanised steel bolts & nut 10mm dia 27cm long both sides threaded with 4 galvanised steel nuts	each	**20.48**	*
1032	Galvanised steel bolts 10mm dia 7cm long with nuts	each	**16.75**	*
1034	Bolts and nuts upto 300mm in length	quintal	**4746.69**	*
1035	Bolts and nuts above 300mm in length	quintal	**4886.30**	*
1036	Iron Pintels including welded pin	each	**34.44**	*
1143	Steel Beading	metre	**25.13**	*
1145	Aluminium Plain Strip edging 38x12x3 mm	metre	**83.76**	*
1149	Glass strips 4mm thick 40mm deep	metre	**18.61**	*
1151	Boundry stone top chisel dressed 15x15x90cm	each	**65.15**	*
1154	Through and bond stone	100 nos	**1172.71**	*
1157	Stone for masonry work	cum	**805.08**	*
1158	Stone for pitching 15cm x 22.5cm	cum	**591.94**	*
1159	Stone dust	cum	99.38	**
1160	Red sand stone block	10 cudm	**60.50**	*
1161	White sand stone block	10 cudm	**65.15**	*
1163	White sand stone slab 75mm thick (un-dressed)	sqm	**293.18**	*
1164	Red sand stone slab 40mm thick (undressed)	sqm	**186.14**	*
1165	'White sand stone slab 40mm thick (undressed)	sqm	**186.14**	*
1166	Red sand stone slab 30mm thick (undressed)	sqm	**167.53**	*
1168	Kota stone slab 20mm to 25mm thick (semi-polished)	sqm	**260.60**	*
1169	Kota stone slab 25mm thick (rough chiselled)	sqm	**260.60**	*
1174	Red sand stone slab 45/50mm thick (un-polished)	sqm	**209.41**	*
1175	White sand stone slab 45/50mm thick (undressed)	sqm	**209.41**	*
1177	Stone grit 6 mm and down size or pia sized grand	cum	**739.93**	*
1179	Crushed stone 2.36 mm to 12.5 mm size	cum	**837.65**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
1179			0.00	
1182	Surkhi	cum	1595.00	**
A	Uraban Patna	cum	1724.00	**
B	For Purnia,Bhagalpur,Saharasa,Munger,Darabhanga	cum	1653.00	**
C	For other places	cum	1595.00	**
D	For Patna Rural	cum	1665.00	**
1186	Superior class teak wood such as Dandeli, Balarshah or Malabar in planks	10 cudm	**1023.80**	*
1187	First class teak wood in scantling	10 cudm	**819.04**	*
1188	First class teak wood in planks	10 cudm	**791.11**	*
1189	Second class teak wood in scantling	10 cudm	**614.28**	*
1190	Second class teak wood in planks	10 cudm	**628.24**	*
1194	Second class deodar wood in pianks	10 cudm	**465.36**	*
1196	First class kail wood in planks	10 cudm	**288.52**	*
1197	Second class kail wood in scantling	10 cudm	**241.99**	*
1198	Second clas's kail wood in planks	10 cudm	**241.99**	*
1199	Sal wood in scantling	10 cudm	**558.43**	*
1195	Local wood in scantling	10 cudm	**309.39**	****
1200	Kiln seasoned selected sheesham wood planks	10 cudm	**604.97**	*
1201	Precast terrazo tiles 22 mm thick (light shade)	sqm	**265.26**	*
1202	Precast terrazo tiles 22 mm thick (medium shade)	sqm	**246.64**	*
1203	Precast terrazo tiles 22 mm thick (dark shade)	sqm	**228.03**	*
1204	Precast heat resistant terrace tiles (size 300x300 mm) and 20 mm thick	sqm	**442.09**	*
1207	Washers Cadmium coated G.I. limpet washer	cent	**32.58**	*
1208	Washers Bitumen washer	cent	**27.92**	*
1209	Washers G.I. plain washer thick	cent	**32.58**	*
1210	Washers G.I. plain washer thin	cent	**29.78**	*
1211	Washers G.I. plain washer for seam bolts	cent	**27.92**	*
1213	Water proofing compound 'Impermo' of Snowcem India Ltd.	kilogram	**32.58**	*
1214	Welding By gas plant	cm	**1.86**	*
1215	Welding By electric plant	cm	**1.86**	*
1216	Whiting	quintal	**558.43**	*
1219	Wire nails	kilogram	**55.84**	*
1220	Wire mesh (Rabbit)	sqm	**39.09**	*
1221	20 mm dia holding down bolts	quintal	**5118.98**	*
1222	Mild steel sheets with bolts and nuts to rest on lintels	each	**111.69**	*
1224	Hard drawn steel wire	quintal	**4281.33**	*
1225	Mild steel flat strap fitting	quintal	**3722.89**	*
1227	Chequered terrazo tiles 22mm thick (light shade)	sqm	**255.95**	*
1228	Chequered terrazo tiles 22mm thick (medium shade)	sqm	**279.22**	*
1229	Chequered terrazo tiles 22mm thick (dark shade)	sqm	**241.99**	*
1231	Extra for selected planks of second class teak wood	10 cudm	**139.61**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
1234	Aluminium plain strip edging 57x12x3 mm	metre	**125.65**	*
1235	Oil / Fuel Diesel oil	litre	**42.81**	*
1237	Cutting marble or sand stone slab upto 50mm thick by mechanical device	metre	**9.31**	*
1238	Extra for selected planks of first class teak wood	10 cudm	**139.61**	*
1239	18 mm thick Flamed finish granite stone slab	sqm	**1582.23**	*
1240	18 mm thick Italian Marble stone slab,(slab area up to 0.5 sqm).	sqm	**2978.31**	*
1241	Oil / Fuel LPG (Commercial Cylinder)	kg	**60.50**	*
1242	Glass mossaic tiles (20 mm x 20 mm x 4 mm).	sqm	**1001.46**	*
1243	Tile fixing chemical adhesive	kg	**18.61**	*
1244	Cement Polymer Grout Compound	kg	**23.27**	*
1245	Acid for cleaning tiles	litre	**16.75**	*
1246	Silicon based Joint Sealant for Tiles	kg	**139.61**	*
1247	Rubber base Adhesive	kg	**148.92**	*
1248	Epoxy based sealing Compound	kg	**467.22**	*
1249	Acrylic based sealing compound	kg	**447.68**	*
1250	Non woven reinforcement Tape	metre	**0.13**	*
1301	Bleaching powder	quintal	**1628.77**	*
1304	Surface box for stop cock	each	**116.34**	*
1305	Surface box for sluice valve	each	**195.45**	*
1307	Surface box for water meter	each	**232.68**	*
1309	C.I. bracket for wash basin and sinks	pair	**60.50**	*
1313	8 mm dia C.P. Brass/ S.S. Jet with flexible tube upto 1 metre long with S.S. tringular plate for Eureopean type W.C.	each	**186.14**	*
1314	C.P. brass chain with 32 mm dia rubber plug	each	**37.23**	*
1315	C.P. brass chain with 40 mm dia rubber plug	each	**37.23**	*
1330	Clamps and M.S. stays including bolts and nuts for 100 mm pipe	each	**27.92**	*
1331	M.S. Holder bat clamp of approved design for 10 mm S.C.I.pipe	each	**18.61**	*
1332	M.S. Holder bat clamp of approved design for 75mm S.C.I.pipe	each	**16.75**	*
1334	Clamps and M.S. stays including bolts and nuts for 50 mm pipe	each	**26.06**	*
1335	Clamps and M.S. stays including bolts and nuts for75 mm pipe	each	**27.92**	*
1336	Clearing eye with chain and lid 100 mm dia	each	**40.95**	*
1337	Clearing eye with chain and lid150 mm dia	each	**46.54**	*
1339	Brass bib-cock 15 mm dia	each	**195.45**	*
1340	Brass bib-cock 20mm dia	each	**209.41**	*
1342	Brass stop-cock 15 mm dia	each	**195.45**	*
1343	Brass stop-cock 20 mm dia	each	**209.41**	*
1350	Mosquito proof coupling of approved design	each	**27.92**	*
1352	C.I. cover and frame 300x300 mm inside	each	**279.22**	*
1353	C.I. cover without frame 300x300 mm inside i/c cover of 4.50kg	each	**209.41**	*
1354	Rectangular cover 455x610 mm with frame (low duty)	each	**1396.09**	*
1355	Rectangular cover 455x610 mm without frame (low duty)	each	**930.72**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
1356	500mm dia cover with frame (medium duty)	each	**4420.94**	*
1357	500mm dia cover withought frame (medium duty)	each	**2140.66**	*
1360	C.I.mouth ,brass ferrule 15 mm dia	each	**130.30**	*
1361	C.I.mouth ,brass ferrule 20 mm dia	each	**148.92**	*
1362	C.I.mouth ,brass ferrule 20 mm dia	each	**204.76**	*
1363	Vitreous china foot rests 250x130x30 mm	pair	**93.07**	*
1364	C.I. grating 100x100 mm	each	**13.96**	*
1366	C.I. grating 150x150 mm	each	**23.27**	*
1367	C.I. grating 180x180 mm	each	**27.92**	*
1369	S.C.I. gully or nahani grating 100 mm dia	each	**16.75**	*
1373	Rubber insertions for 80 mm dia pipe joints	each	**13.96**	*
1374	Rubber insertions for 100 mm dia pipe joints	each	**16.75**	*
1375	Rubber insertions for 125 mm dia pipe joints	each	**18.61**	*
1376	Rubber insertions for 150 mm dia pipe joints	each	**18.61**	*
1377	Rubber insertions for 200 mm dia pipe joints	each	**23.27**	*
1378	Rubber insertions for 250 mm dia pipe joints	each	**37.23**	*
1379	Rubber insertions for 300 mm dia pipe joints	each	**41.88**	*
1380	Rubber insertions for 350 mm dia pipe joints	each	**46.54**	*
1381	Rubber insertions for 400 mm dia pipe joints	each	**67.94**	*
1382	Rubber insertions for 450 mm dia pipe joints	each	**85.63**	*
1383	Rubber insertions for 500 mm dia pipe joints	each	**102.38**	*
1384	Rubber insertions for 600 mm dia pipe joints	each	**116.34**	*
1392	Mirror of superior make glass 60x45 cm	each	**288.52**	*
1396	Vitreous china pedestal for wash basin	each	**651.51**	*
1397	Pig lead	kilogram	**128.44**	*
1464	S & S.C.I.standard specials up to 300 mm dia (heavy class)	quintal	**3350.60**	*
1466	S & S.C.I.standard specials over 300 mm dia (heavy class)	quintal	**3443.68**	*
1468	Flanged C.I. standard specials up to 300 mm dia(heavy class)	quintal	**5118.98**	*
1470	Flanged C.I. standard specials over 300 mm dia(heavy class)	quintal	**5118.98**	*
1472	Casing pipe 100 mm dia	metre	**311.79**	*
1532	Flush pipe with union spreaders and clamps all in C.P. brass for single stall	each	**251.30**	*
1533	Flush pipe with union spreaders and clamps all in C.P. brass for double stall	each	**372.29**	*
1534	Flush pipe with union spreaders and clamps all in C.P. brass for range of three stall	each	**483.98**	*
1535	Flush pipe with union spreaders and clamps all in C.P. brass for range of four stall	each	**558.43**	*
1540	Flush pipe and spreaders G.I.for single set of one squatting plate urinal	each	**162.88**	*
1541	Flush pipe and spreaders G.I.for range of two squatting plates urinal	each	**232.68**	*
1542	Flush pipe and spreaders G.I.for range of three squatting plates urinal each	each	**279.22**	*
1543	Flush pipe and spreaders G.I.for range of four squatting plates urinal	each	**362.98**	*
1545	G.I. pipes 15 mm dia	metre	**71.67**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
1546	G.I. pipes 20 mm dia	metre	**92.14**	*
1547	G.I. pipes 25 mm dia	metre	**102.38**	*
1548	G.I. pipes 32 mm dia	metre	**134.95**	*
1549	G.I. pipes 40 mm dia	metre	**172.18**	*
1550	G.I. pipes 50 mm dia	metre	**204.76**	*
1551	G.I. pipes 65 mm dia	metre	**274.56**	*
1552	G.I. pipes 80 mm dia	metre	**372.29**	*
1555	G.I. back (jam) nuts 25 mm dia	each	**7.45**	*
1559	G.I. back (jam) nuts 65 mm dia	each	**18.61**	*
1608	G.I. tees (equal) 25 mm	each	**37.23**	*
1612	G.I. tees (equal) 65 mm	each	**232.68**	*
1614	G.I. inlet connection	each	**55.84**	*
1616	S.C.I. soil, waste and vent single socketed pipe1.80 metres long: 75mm dia	each	**884.19**	*
1617	S.C.I. soil, waste and vent single socketed pipe1.80 metres long:100mm dia	each	**1070.33**	*
1618	S.C.I. soil, waste and vent single socketed pipe1.80 metres long: 150mm dia	each	**1628.77**	*
1620	S.C.I. plain bend 75 mm dia	each	**158.22**	*
1621	S.C.I. plain bend 100 mm dia	each	**325.75**	*
1622	S.C.I. plain bend 150 mm dia	each	**372.29**	*
1624	S.C.I. bend with access door 75 mm dia	each	**186.14**	*
1625	S.C.I. bend with access door 100 mm dia	each	**234.54**	*
1627	S.C.I. plain single equal junctions 75x75x75 mm dia	each	**246.64**	*
1628	S.C.I. plain single equal junctions 100x100x100 mm dia	each	**418.83**	*
1630	S.C.I. single equal junctions75x75x75 mm dia with access door	each	**258.74**	*
1631	S.C.I. single equal junctions 100x100x100 mm dia with access door	each	**349.95**	*
1633	S.C.I. plain double equal junctions 75x75x75x75 mm dia	each	**322.03**	*
1634	S.C.I. plain double equal junctions100x100x100x100 mm dia	each	**483.98**	*
1636	S.C.I. double equal junctions75x75x75x75 mm dia with access door	each	**395.56**	*
1637	S.C.I. double equal junctions 100x100x100x100 mm dia with access door	each	**511.90**	*
1639	Slotted cowl (terminal guard) 75 mm dia	each	**140.54**	*
1640	Slotted cowl (terminal guard) 100 mm dia	each	**176.84**	*
1641	G.I. Union 15 mm nominal bore	each	**27.92**	*
1642	G.I. Union 20 mm nominal bore	each	**46.54**	*
1643	G.I. Union 25 mm nominal bore	each	**74.46**	*
1644	G.I. Union 32 mm nominal bore	each	**102.38**	*
1645	G.I. Union 40 mm nominal bore	each	**148.92**	*
1646	G.I. Union 50 mm nominal bore	each	**186.14**	*
1647	G.I. Union 65 mm nominal bore	each	**372.29**	*
1648	G.I. Union 80 mm nominal bore	each	**437.44**	*
1649	Polyethylene water storage tank with cover and suitable locking arrangement	pair litre	**4.93**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
1653	Sand cast iron S&S plain single unequal junctions : 100x100x75 mm dia	each	**344.37**	*
1656	Sand cast iron S&S single unequal junctions: 100x100x75 mm dia with access door	each	**372.29**	*
1659	Sand cast iron S&S plain double unequal junctions : 100x100x75x75 mm dia	each	**511.90**	*
1662	Sand cast iron S&S double unequal junctions: 100x100x75x75 mm dia with access door	each	**511.90**	*
1666	Sand cast iron heel rest bend 75 mm dia	each	**204.76**	*
1667	Sand cast iron heel rest bend 100 mm dia	each	**232.68**	*
1669	S.C.I. single equal invert branch of required degree75x75x75 mm dia	each	**297.83**	*
1670	S.C.I. single equal invert branch of required degree 100x100x100 mm dia	each	**381.60**	*
1672	S.C.I. double equal invert branch of required degree 75x75x75x75 mm dia	each	**381.60**	*
1673	S.C.I. double equal invert branch of required degree 100x100x100x100 mm dia	each	**511.90**	*
1674	S.C.I. single unequal invert branch of required degree100x100x75 mm dia	each	**460.71**	*
1677	S.C.I. double unequal invert branchof required degree 100x100x75x75 mm dia	each	**530.51**	*
1682	S.C.I. door pieces 75 mm dia	each	**255.95**	*
1683	S.C.I. door pieces 100 mm dia	each	**372.29**	*
1685	S.C.I. collar 75 mm dia	each	**85.63**	*
1686	S.C.I. collar 100 mm dia	each	**128.44**	*
1687	Unplasticised P.V.C. connection pipe with brass union 30 cm long 15 mm bore	each	**27.92**	*
1688	Unplasticised P.V.C. connection pipe with brass union 30 cm long 20 mm bore	each	**32.58**	*
1689	Unplasticised P.V.C. connection pipe with brass union 45 cm long 15 mm bore	each	**32.58**	*
1690	Unplasticised P.V.C. connection pipe with brass union 45 cm long 20 mm bore	each	**44.67**	*
1693	S.C.I. hand pump	each	**623.58**	*
1700	R.C.C. pipes NP2 class 100 mm dia	metre	**186.14**	*
1701	R.C.C. pipes NP2 class 150 mm dia	metre	**195.45**	*
1702	R.C.C. pipes NP2 class 250 mm dia	metre	**241.99**	*
1703	R.C.C. pipes NP2 class 300 mm dia	metre	**279.22**	*
1704	R.C.C. pipes NP2 class 450 mm dia	metre	**372.29**	*
1705	R.C.C. pipes NP2 class 500 mm dia	metre	**539.82**	*
1706	R.C.C. pipes NP2 class 600 mm dia	metre	**856.27**	*
1707	R.C.C. pipes NP2 class 700 mm dia	metre	**977.26**	*
1709	R.C.C. pipes NP2 class 800 mm dia	metre	**1088.95**	*
1710	R.C.C. pipes NP2 class 900 mm dia	metre	**1191.33**	*
1711	R.C.C. pipes NP2 class 1000 mm dia	metre	**1479.85**	*
1712	R.C.C. pipes NP2 class 1100 mm dia	metre	**1745.11**	*
1713	R.C.C. pipes NP2 class 1200 mm dia	metre	**1560.82**	*
1714	R.C.C. pipes NP2 class 100 mm dia	each	**27.92**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
1715	R.C.C. pipes NP2 class 150 mm dia	each	**32.58**	*
1716	R.C.C.collars NP2 class 250 mm dia	each	**46.54**	*
1717	R.C.C.collars NP2 class 300 mm dia	each	**51.19**	*
1718	R.C.C.collars NP2 class 450 mm dia	each	**93.07**	*
1719	R.C.C. collars NP2 class 500 mm dia	each	**107.03**	*
1720	R.C.C.collars NP2 class 600 mm dia	each	**130.30**	*
1721	R.C.C. collars NP2 class 700 mm dia	each	**139.61**	*
1723	R.C.C.collars NP2 class 800 mm dia	each	**186.14**	*
1724	R.C.C. collars NP2 class 900 mm dia	each	**218.72**	*
1725	R.C.C. collars NP2 class 1000 mm dia	each	**260.60**	*
1726	R.C.C. collars NP2 class 1100 mm dia	each	**279.22**	*
1727	R.C.C. collars NP2 class 1200 mm dia	each	**325.75**	*
1728	RCC pipe 450 mm dia NP-3 spigot	metre	**1392.36**	*
1729	RCC pipe 600 mm dia NP-3 spigot	metre	**1856.79**	*
1730	RCC pipe 900 mm dia NP-3 spigot	metre	**2931.78**	*
1731	RCC pipe 1000 mm dia NP-3 spigot	metre	**3615.86**	*
1732	RCC pipe 1200 mm dia NP-3 spigot	metre	**4690.85**	*
1733	RCC pipe 1800 mm dia NP-3 spigot	metre	**8795.34**	*
1734	RCC pipe 450 mm dia NP-4 spigot	metre	**1612.94**	*
1735	RCC pipe 600 mm dia NP-4 spigot	metre	**2149.97**	*
1736	RCC pipe 900 mm dia NP-4 spigot	metre	**4182.67**	*
1737	RCC pipe 1000 mm dia NP-4 spigot	metre	**5179.48**	*
1738	RCC pipe 1200 mm dia NP-4 spigot	metre	**6059.01**	*
1739	RCC pipe 1800 mm dia NP-4 spigot	metre	**12704.37**	*
1854	Stoneware pipes grade A (60 cm long) 100 mm dia	each	**46.54**	*
1855	Stoneware pipes grade A (60 cm long) 150 mm dia	each	**74.46**	*
1856	Stoneware pipes grade A (60 cm long) 200 mm dia	each	**102.38**	*
1857	Stoneware pipes grade A (60 cm long) 230 mm dia	each	**158.22**	
1858	Stoneware pipes grade A (60 cm long) 250 mm dia	each	**195.45**	*
1859	Stoneware pipes grade A (60 cm long) 300 mm dia	each	**223.37**	*
1863	Fire clay kitchen sink: 600x450x250 mm	each	**1209.94**	*
1871	White vitreous china laboratory sink450x300x150 mm	each	**763.19**	*
1872	White vitreous china laboratory sink600x450x200 mm	each	**1419.35**	*
1875	White plastic seat (solid)with lid C.P.brass hinges and rubber buffers	each	**307.14**	*
1876	Black plastic seat (solid) with lid C.P.brass hinges and rubber buffers	each	**288.52**	*
1878	Shower rose C.P.brass for 15 to 20 mm inlet 100 mm dia	each	**46.54**	*
1879	Shower rose C.P.brass for 15 to 20 mm inlet 150 mm dia	each	**55.84**	*
1880	Dismantled P or S trap scrap (approx wt 2kg)	kilogram	**20.48**	*
1881	Spun yarn	kilogram	**46.54**	*
1882	Strainer brass 40 mm dia 1.5 metre long	each	**558.43**	*
1885	15 mm C.P.brass tap	each	**195.45**	*
1889	C.P.brass toilet paper holder of standard size	each	**172.18**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
1890	Centrifugally SCI(spun) S & S P or S trap	each	**279.22**	*
1891	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P.brass: 50 mm dia	each	**158.22**	*
1893	C.I. trap for standard urinal with vent arm with operating and other couplings in C.P.brass: 80 mm dia	each	**209.41**	*
1895	C.P.brass trap40 mm dia	each	**232.68**	*
1896	100 mm S.C.I. trap with vent heel	each	**293.18**	*
1897	100 mm S.C.I. trap with 100 mm inlet and 100 mm outlet	each	**255.95**	*
1898	100 mm S.C.I. trap with 100 mm inlet and 75 mm outlet	each	**202.90**	*
1900	S.W. gully trap P type 100x100 mm	each	**83.77**	*
1902	S.W. gully trap P type 150x100 mm	each	**120.99**	*
1904	S.W. gully trap P type 180x150 mm	each	**209.41**	*
1913	Vitreous china lipped front urinal	each	**428.13**	*
1915	Vitreous china squatting plate urinal	each	**980.05**	*
1922	H.P. or L.P. ball valve with polythene floats: 15 mm dia	each	**195.45**	*
1923	H.P. or L.P. ball valve with polythene floats: 20 mm dia	each	**218.72**	*
1924	H.P. or L.P. ball valve with polythene floats: 25 mm dia	each	**214.07**	*
1927	Brass full way valve with C.I. wheel (screwed end) 25 mm dia	each	**325.75**	*
1928	Brass full way valve with C.I. wheel (screwed end) 32 mm dia	each	**381.60**	*
1929	Brass full way valve with C.I. wheel (screwed end) 40 mm dia	each	**446.75**	*
1930	Brass full way valve with C.I. wheel (screwed end) 50 mm dia	each	**577.05**	*
1931	Brass full way valve with C.I. wheel (screwed end) 65 mm dia	each	**1005.18**	*
1932	Brass full way valve with C.I. wheel (screwed end) 80 mm dia	each	**1507.77**	*
1933	Gunmetal non-return valve-horizontal (screwed end) 25 mm dia	each	**307.14**	*
1934	Gunmetal non-return valve-horizontal (screwed end) 32 mm dia	each	**418.83**	*
1935	Gunmetal non-return valve-horizontal (screwed end) 40 mm dia	each	**521.21**	*
1936	Gunmetal non-return valve-horizontal (screwed end) 50 mm dia	each	**763.19**	*
1937	Gunmetal non-return valve-horizontal (screwed end) 65 mm dia	each	**1386.78**	*
1938	Gunmetal non-return valve-horizontal (screwed end) 80 mm dia	each	**1973.13**	*
1940	C.I.sluice valve (with caps) class I : 100 mm dia	each	**2243.04**	*
1941	C.I.sluice valve (with caps) class I : 125 mm dia	each	**2419.88**	*
1942	C.I.sluice valve (with caps) class I : 150 mm dia	each	**3350.60**	*
1943	C.I.sluice valve (with caps) class I : 200 mm dia	each	**6980.43**	*
1944	C.I.sluice valve (with caps) class I : 250 mm dia	each	**10219.34**	*
1945	C.I.sluice valve (with caps) class I : 300 mm dia	each	**14426.21**	*
1947	Vitreous china flat back wash basin 630x450 mm	each	**674.77**	*
1949	Vitreous china angle back wash basin 600x480 mm	each	**674.77**	*
1950	Vitreous china angle back wash basin 400x400 mm	each	**395.56**	*
1951	C.P. brass waste 32 mm	each	**74.46**	*
1952	C.P. brass waste 40 mm	each	**88.42**	*
1953	Vitreous china Indian type w.c. pan size 580 mm	each	**418.83**	*
1954	Vitreous china orrisa type w.c. pan size 580 mm	each	**725.96**	*
1955	Vitreous china pedestal type water closet	each	**651.51**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
1956	Bolts and nuts 16 mm dia 60 mm long	each	**10.24**	*
1957	Bolts and nuts 16 mm dia 65 mm long	each	**11.17**	*
1958	Bolts and nuts 20 mm dia 65 mm long	each	**13.96**	*
1959	Bolts and nuts 20 mm dia 70 mm long	each	**15.82**	*
1960	Bolts and nuts 20 mm dia 75 mm long	each	**14.89**	*
1961	Bolts and nuts 20 mm dia 80 mm long	each	**16.75**	*
1962	Bolts and nuts 24 mm dia 85 mm long	each	**26.06**	*
1963	Bolts and nuts 24 mm dia 90 mm long	each	**29.78**	*
1964	Bolts and nuts 27 mm dia 100 mm long	each	**35.37**	*
1965	White vitreous china dual purpose closet (Anglo Indian W.C.) suitable for use as squatting pan or European type water closet as per manufacturer's specifications	each	**1209.94**	*
1966	Floor mounted white vitrous china double trap syphonic WC with 10 litre cistern and all fittings & fixtures,seat cover etc	each	**8841.87**	*
1970	Vitreous china foot rests 250x125x25 mm	pair	**93.07**	*
1980	Fly ash	cum	**7.45**	*
1984	Brick Tiles (300mm x 150mm x 50mm)	thousand	5986.00	**
1986	Uraban Patna	thousand	6247.00	**
A	For ,Bhagalpur,Saharasar,Darabhanga ,Muzaffarpur	thousand	6274.00	**
B	For Purnea	thousand	6563.00	**
C	For other places	thousand	5986.00	**
D	Common burnt clay modular bricks class designation 12.5	1000 nos	6247.00	**
2200	Carriage of Steam coal	tonne	123.51	*
2201	Carriage of Bricks	1000 nos	**0.00**	*
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	**0.00**	*
2203	Carriage of Coarse sand	cum	**0.00**	*
2204	Carriage of Timber	cum	**123.51**	*
2205	Carriage of Steel	tonne	**96.07**	*
2206	Carriage of Stone aggregate 40 mm nominal size and above	cum	**0.00**	*
2207	Carriage of Brick tiles	1000 nos	**0.00**	*
2208	Carriage of Lime	cum	**108.08**	*
2209	Carriage of Cement	tonne	**96.07**	*
2211	Carriage of Tar / Bitumen	tonne	**108.08**	*
2215	Carriage of Soling stone & masonry stone	cum	**127.15**	*
2216	Carriage of Stone blocks white & red sand stone & kota stone slab	tonne	**96.07**	*
2224	Carriage of S.W. pipes 100 mm dia	100 metre	144.11	*
2225	Carriage of S.W. pipes 150 mm dia	100 metre	288.21	*
2226	Carriage of S.W. pipes 200 mm dia	100 metre	480.34	*
2228	Carriage of S.W. pipes 250 mm dia	100 metre	823.45	*
2229	Carriage of S.W. pipes 300 mm dia	100 metre	1029.31	*
2241	Carriage of Good earth	cum	0.00	*
2242	Carriage of Dump manure by mechanical transport upto 5 km lead	cum	117.47	*
2260	Carriage of Brick aggregate	cum	0.00	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
2261	Carriage of Fine sand	cum	0.00	*
2262	Carriage of Flyash	cum	108.08	*
2264	Carriage of Rubbish	cum	108.08	*
2265	Carriage of Moorum	cum	108.08	*
2266	Carriage of Surkhi	cum	108.08	*
2267	Carriage of Stone dust	cum	108.08	*
2268	Carriage of Marble dust and/or marble chips	cum	108.08	*
2271	Carriage of G.I. pipes below 100 mm dia	tonne	**96.07**	*
2272	Carriage of Stainless Steel pipes below 100 mm dia	tonne	**96.07**	*
2273	Carriage of A.C.sheet and accessories	tonne	**96.07**	*
2275	Carriage of R.C.C. pipes 100 mm dia	100 metre	**236.24**	*
2281	Carriage of R.C.C. pipes 150 mm dia	100 metre	**393.73**	*
2287	Carriage of R.C.C. pipes 250 mm dia	100 metre	**910.13**	*
2290	Carriage of R.C.C. pipes 300 mm dia	100 metre	**1124.93**	*
2299	Carriage of R.C.C. pipes 450 & 500 mm dia	100 metre	**2624.84**	*
2302	Carriage of G.I. sheet and accessories	tonne	**96.07**	*
2303	Carriage of R.C.C. pipes 600,700,750 & 800 mm dia	100 metre	**3937.25**	*
2308	Carriage of Plaster of paris	tonne	**96.07**	*
2309	Carriage of Cast Iron fittings	tonne	**96.07**	*
2311	Carriage of Red bajri	cum	**108.08**	*
2314	Carriage of Barbed wire	tonne	**96.07**	*
2317	Carriage of Sludge	cum	**117.47**	*
2319	Carriage of Spun iron S & S pipes 100 mm dia	100 metre	**236.24**	*
2320	Carriage of Spun iron S & S pipes 125 mm dia	100 metre	**315.55**	*
2321	Carriage of Spun iron S & S pipes 150 mm dia	100 metre	**393.73**	*
2322	Carriage of Spun iron S & S pipes 200 mm dia	100 metre	**640.46**	*
2323	Carriage of Spun iron S & S pipes 250 mm dia	100 metre	**910.13**	*
2324	Carriage of Spun iron S & S pipes 300 mm dia	100 metre	**1124.93**	*
2325	Carriage of Spun iron S & S pipes 350 mm dia	100 metre	**1574.90**	*
2326	Carriage of Spun iron S & S pipes 400 mm dia	100 metre	**2147.59**	*
2327	Carriage of Spun iron S & S pipes 450 mm dia	100 metre	**2624.84**	*
2328	Carriage of Spun iron S & S pipes 500 mm dia	100 metre	**2624.84**	*
2329	Carriage of Spun iron S & S pipes 600mm dia	100 metre	**3937.25**	*
2330	Carriage of C.I. pipes 500 mm dia	100 metre	**2624.84**	*
2331	Carriage of R.C.C. pipes 900 mm dia	100 metre	**5905.88**	*
2332	Carriage of R.C.C. pipes 1000 mm dia	100 metre	**7874.51**	*
2333	Carriage of R.C.C. pipes 1100 mm dia	100 metre	**7874.51**	*
2334	Carriage of R.C.C. pipes 1200 mm dia	100 metre	**7874.51**	*
2335	Carriage of sand	cum	**0.00**	*
2336	Carriage of R.C.C. pipe above 1200 mm dia and upto 1800 mm dia	100 metre	**7874.51**	*
2341	Carriage of Pig lead	tonne	**96.07**	*
2342	Carriage of Solvent / Diesel.	quintel	**10.81**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
2343	Carriage of Ductile Iron pipes (k7) 100 mm dia	100 metre	**236.24**	*
2344	Carriage of Cast iron pipes 150 mm dia	100 metre	**393.73**	*
2345	Carriage of Cast iron pipes 200 mm dia	100 metre	**640.46**	*
2346	Carriage of Cast iron pipes 250 mm dia	100 metre	**910.13**	*
2347	Carriage of Cast iron pipes 300 mm dia	100 metre	**1124.93**	*
2348	Carriage of Cast iron pipes 350 mm dia	100 metre	**1574.90**	*
2349	Carriage of Cast iron pipes 400 mm dia	100 metre	**2147.59**	*
2350	Carriage of Cast iron pipes 450 mm dia	100 metre	**2624.84**	*
2351	Carriage of Cast iron pipes 500 mm dia	100 metre	**2624.84**	*
2352	Carriage of Cast iron pipes 600 mm dia	100 metre	**3937.25**	*
2353	Carriage of Cast iron pipes 700 mm dia	100 metre	**3937.25**	*
2355	Carriage of Cast iron pipes 800 mm dia	100 metre	**3937.25**	*
2356	Carriage of Cast iron pipes 900 mm dia	100 metre	**5905.88**	*
2357	Carriage of Cast iron pipes 1000 mm dia	100 metre	**7874.51**	*
2391	Strips-Aluminium fluted 3.15 mm thick and 150 mm wide	metre	**212.20**	*
2392	Strips-Aiuminium fluted 3.15 mm thick and 200 mm wide metre	metre	**300.62**	*
2393	1 mm thick Stainless Steel Cover plate grade 304	Kg	**255.95**	*
2394	Coupler 16 mm dia	each	**62.36**	*
2395	Coupler 20 mm dia	each	**81.90**	*
2396	Coupler 25 mm dia	each	**120.99**	*
2397	Coupler 28 mm dia	each	**178.70**	*
2398	Coupler 32 mm dia	each	**215.00**	*
2399	Complete Roof Joint of 100 mm	metre	**2606.03**	*
2400	Complete Roof Joint of 150 mm	metre	**2978.31**	*
2401	Complete Roof Joint of 200 mm	metre	**3722.89**	*
2402	Epoxy adhesive	kg	**139.61**	*
2403	Floor Joint of 100 mm	metre	**2885.24**	*
2404	Floor Joint of 150 mm	metre	**3722.89**	*
2405	Floor Joint of 200 mm	metre	**5025.91**	*
2406	Float glass sheet of nominal thickness 4 mm (weighing not less than 10 kg/sqm)	sqm	**266.19**	*
2407	Float Glass sheet of nominal thickness 5.5mm (weighing not less than 13.50 kg/sqm	sqm	**456.05**	*
2408	Float glass sheet of nominal thickness 8 mm (weight not less than 20.00 kg/sqm)	sqm	**563.09**	*
2409	Wall Joint of 100 mm	metre	**2233.74**	*
2410	Wall Joint of 150 mm	metre	**2606.03**	*
2411	Wall Joint of 200 mm	metre	**3164.46**	*
2412	Ply wood 5 ply with commercial ply on both faces 6 mm thick	sqm	**349.95**	*
2413	12 mm commercial ply	sqm	**651.51**	*
2414	18 mm thick block board with commercial ply veneering on both side	sqm	**733.41**	*
2415	21mm thick clear toughened Laminated glass for fins with holes	sqm	**5584.34**	*
2447	Hollock bailies 125 mm diameter	metre	**32.58**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
2449	Oxidised mild steel Pull bolt lock of size 85mmx42mm with screws bolts and washers complete	each	**51.19**	*
2451	Brass Cupboard lock 6 levers (best make of approved quality) 40 mm size	each	**48.40**	*
2452	Brass Cupboard lock 6 levers (best make of approved quality) 50 mm size	each	**74.46**	*
2453	Brass Cupboard lock 6 levers (best make of approved quality) 65 mm size	each	**79.11**	*
2454	Brass Cupboard lock 6 levers (best make of approved quality) 75 mm size	each	**93.07**	*
2455	Brass Hanging type door stopper 150 mm	each	**65.15**	*
2456	Hydraulic door closer tubular type aluminium die cast body with necessary accessories and screws complete	each	**282.01**	*
2459	Anodised Aluminium hanging type door stopper	each	**16.75**	*
2464	Anodised Aluminium pull boit lock (locking bolt) of size 85x42 mm with screws, bolts, nuts and washers complete	each	**41.88**	*
2465	Anodised Aluminium Casement stay 250 mm	each	**27.92**	*
2466	Hollock wood in scantling	10 cud	**316.45**	*
2467	Chromium plated Brass Pull bolt lock (locking bolt) of size 85mm x 42mm with screws, bolts, nuts and washers complete	each	**153.57**	*
2468	Chromium Brass cupboard lock (Nickled) 40mm size	each	**52.12**	*
2469	Chromium Brass cupboard lock (Nickled) 50mm size	each	**61.43**	*
2470	Chromium Brass cupboard lock (Nickled) 65mm size	each	**83.77**	*
2471	Chromium Brass cupboard lock (Nickled) 75mm size	each	**107.03**	*
2480	PANELS Ply wood 5 ply with teak ply on both faces 9 mm thick	sqm	**751.09**	*
2481	Ply wood 5 ply with teak ply n one face and commercial ply on another face 9 mm thick	sqm	**791.11**	*
2483	Ply wood 7 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	**884.19**	*
2484	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	**428.13**	*
2485	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	**555.64**	*
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to IS:14587	sqm	**800.42**	*
2487	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	**400.21**	*
2488	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	**521.21**	*
2489	PVC edge bending tape 2.00 mm thick	metre	**27.92**	*
2491	Pre laminated both side solid foam uPVC profile (45x20mm)	metre	**116.34**	*
2492	Solid foam uPVC sheet 20mm thick pre laminated on both side	sqm	**1931.25**	*
2493	PVC edge beading	metre	**27.92**	*
2494	Expandable fastner with plastic sleeve	each	**4.65**	*
2500	Extra for selected planks of second class deodar wood	10 cud	**102.38**	*
2504	Kiln seasoning of timber	cum	**698.04**	*
2505	Hollock wood in planks	10 cud	**362.98**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
2506	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 60 mm	10 cudm	**241.99**	*
2507	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 80 mm	10 nos	**279.22**	*
2508	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 120mm	10nos	**339.71**	*
2509	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 140 mm	10 nos	**428.13**	*
2510	Carben Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 160 mm	10 Nos	**535.17**	*
2602	Designation 100 A Brick	thousand	**5010.00**	**
2602A	Urban Patna	thousand	6276.00	**
2602B	Darbhanga	thousand	5296.00	**
2602C	Bhagalpur	thousand	5296.00	**
2602D	Munger	thousand	5296.00	**
2602E	Muzaffarpur	thousand	5296.00	**
2602F	Gaya	thousand	5010.00	**
2602G	Patna Rural	thousand	5225.00	**
2602H	Saran	thousand	5010.00	**
2602I	Saharsa	thousand	5440.00	**
2602J	Purnea	thousand	5728.00	**
2603	Designation 100 B Brick	thousand	**4578.00**	**
2603A	Urban Patna	thousand	5825.00	**
2603B	Darbhanga	thousand	4864.00	**
2603C	Bhagalpur	thousand	4864.00	**
2603D	Munger	thousand	4864.00	**
2603E	Muzaffarpur	thousand	4864.00	**
2603F	Gaya	thousand	4578.00	**
2603G	Patna Rural	thousand	4775.00	**
2603H	Saran	thousand	4578.00	**
2603I	Saharsa	thousand	5010.00	**
2603J	Purnea	thousand	5296.00	**
2604	Weather/structural non sag elastomeric PU sealant (600ml Sausage) for joints in RCC/ Brick/ Stone/ wood/ Ceramic/ Gypsum/ Alluminium work complying to ASTM C920, DIN 18540-F & ISO 11600 incl all taxes	each	**495.14**	*
2605	Structural sealant - 6 mm x 12 mm	metre	**27.92**	*
2606	Spacer tape 6.4 mm thick x 6 mm wide	metre	**18.61**	*
2607	Weather Sealant - Non Staining (600 ml)	each	**390.90**	*
2608	Weather Sealant - Normal (300 ml)	each	**116.34**	*
2609	MS Brackets/Aluminium Alloy Brackets	kg	**93.07**	*
2610	Silicon Gasket in Kg (Above 50 g / m)	kg	**530.51**	*
2611	EPDM Gasket in Kg (Above 60 g / m)	kg	**139.61**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
2612	Anchor Fastner - M10	each	**9.31**	*
2613	SS Bolt with washer of sizes for structural glazing / ACP Cladding	each	**32.58**	*
2614	SS Screws of sizes for structural glazing / ACP Cladding	each	**3.72**	*
2615	Protective Tape	metre	**18.61**	*
2616	GI flashing - 1.2 mm Thick	kg	**53.98**	*
2617	6 mm thick High performance glass	sqm	**1721.84**	*
2618	6 mm thick clear heat strengthened glass	sqm	**595.66**	*
2619	6 mm thick clear heat strengthened glass	each	**119.13**	*
2620	ARMS GS HD -TOP HUNG -20"-TYPE P-COUPLE	pair	**1442.62**	*
2621	Connection Block for vision glass panel	each	**36.30**	*
2622	Curtain wall striker for vision glass panel	each	**93.07**	*
2623	Adjustable Fastening Pawl for vision glass panel	each	**35.37**	*
2624	Corner drive	each	**274.56**	*
2625	Top wedge Block	each	**125.65**	*
2626	Glass wool Denisity 48 Kg / m3 with Black Glass Tissue (BGT)	sqm	**214.07**	*
2627	SS Screws - # 8 x 19	each	**9.31**	*
2628	Weather Sealant - DC 789	cartridge	**120.99**	*
2629	Cement Board	sqm	**232.68**	*
2630	Baker rod	metre	**4.65**	*
2631	4 mm thick ACP	sqm	**930.72**	*
2632	Fire Stop	metre	**511.90**	*
2634	GI/Aluminium Sheet (0.8 mm thick)	kg	**41.88**	*
2635	GI Screws of gauge 10, length 25 mm for fixing cement fibre board to C section	each	**2.56**	*
2636	GI Screws of gauge 10, length 45 mm for fixing cement fibre board to C section	each	**2.79**	*
2637	Vapour barrier	sqm	**158.22**	*
2640	Clear.toughned interlayed,non-wired fire resistant glass panes of minimum 11 mm thickness (120 minutes fire rating)	sqm	**23268.09**	*
2641	G.I U beading of 1.6 mm thick G.I sheet with ceramic tape.	metre	**223.37**	*
2642	Ceramic tape 5 x20 mm size	metre	**372.29**	*
2704	Aluminium strip 40 mm wide and 2 mm thick	kilogran	**209.41**	*
2708	Truf Paver (500 x 500 x 40 mm)	sqm	**465.36**	*
2709	Ceremic Tiles Pieces for Crazy Flooring	quintal	**125.65**	*
2710	White Marble Makrana second quality plain veined stone pieces for crazy flooring	quintal	**136.82**	*
2711	FS800H Grade Flooring Panel (Size 600 mm x600 mm x32 mm)	each	**698.04**	*
2711'	Sheets Polyvinyl chloride sheet 1.5 mm thick	sqm	**458.48**	****
2712'	Sheets Polyvinyl chloride sheet 2.0 mm thick	sqm	**635.80**	****
2712	Zinc Electroplated Pedestals - 300 mm	each	**130.30**	*
2713	Zinc Electroplated Pedestals - 450 mm	each	**186.14**	*
2714	Zinc Electroplated Tube Stinger	each	**61.43**	*
2715	Machine Screw for Fixing	each	**1.86**	*
2717	Polyvinyl chloride tiles 1 5mm thick	sqm	**522.96**	****

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
2718	Polyvinyl chloride tiles 2.0mm thick	sqm	**626.83**	****
2723	Adhesive (rubber base)	ilogran	**170.14**	****
2736	Sheets Rubber tiles plain conforming to IS 809 1.5 mm thick	sqm	**757.57**	****
2737	Sheets Rubber tiles plain conforming to IS 809 2.0 mm .thick	sqm	**875.77**	****
2738	Sheets Rubber tiles LP stud conforming to IS 809 2.0 mm thick	sqm	**757.57**	****
2739	Sheets Rubber tiles LP stud conforming to IS 809 3.0 mm thick	sqm	**1296.65**	****
2740	Sheets Rubber tiles LP stud conforming to IS 809 4.0 mm thick	sqm	**1719.31**	****
2741	Sheets Anti static rubber tiles p!ain/LP stud conforming to BS : 2050 2.00 mm thick	sqm	**1404.11**	****
2742	Sheets. Rubber tiles piain/LP stud in skirting conforming to IS : 809 2.0mm thick	sqm	**551.61**	****
2750	8mrn thick granite stone tiles (mirror polished of all shades)	sqm	**651.51**	*
2751	8mm thick marble tiles (polished) Raj Nagar	sqm	**351.81**	*
2901	Stone Aggregate (Single size) : 100 mm nominal size	cum	399.84	**
2902	Stone Aggregate (Single size) : 80 mm nominal size	cum	399.84	**
2903	Stone chippings/ screenings 4.75 mm nominal size	cum	190.08	**
2904	Stone chippings/ screenings 150 micron nominal size	cum	190.08	**
2908	Over burnt (Jhama) Brick Aggregate: 120 mm to 40 mm size	cum	1233.60	**
2909	Over burnt (Jhama) Brick Aggregate: 90 mm to 40 mm size	cum	1233.60	**
2910	Stone chippings/ screenings 12.5/ 13.2 mm nominal size	cum	649.26	**
2911	Stone chips/streining 10/11.2 mm nominal size	cum	620.42	**
2914	Solvent	kilogram	**23.27**	*
2916	Paving Asphalt VG -10 of approved quality	tonne	**27549.41**	*
3002	Sheets Polyvinyl chloride sheet 400 micron thick	sqm	**37.23**	*
3004	Stoneware spouts 100mm dia 60 em long	each	**37.23**	*
3050	**GC Sheet**			
3050A	Galvanised steel corrugated sheets 0.63 mm thick	quintal	5576.27	**
3050B	Galvanised steel corrugated sheets 0.50 mm thick	quintal	5728.81	**
3050C	Gah-anised steel corrugated sheets 0.40 mm thick	quintal	7335.76	**
3050D	Galvanised steel corrugated sheets 0.35 mm thick	quintal	7548.23	**
3050E	Galvanised steel corrugated sheets 0.80 mm thick	quintal	5576.27	**
3080	Gunmetal non-return valve-vertical (screwed end) 25 mm dia	each	**325.75**	*
3084	Gunmetal non-return valve-vertical (screwed end) 32 mm dia	each	**465.36**	*
3088	Gunmetal non-return valve-vertical (screwed end) 40 mm dia	each	**651.51**	*
3092	Gunmetal non-return valve-vertical (screwed end) 50 mm dia	each	**837.65**	*
3096	Gunmetal non-return valve-vertical (screwed end) 65 mm dia	each	**1396.09**	*
3213	Vitreous china Surgeon type wash basin of size 660x460 mm	each	**930.72**	*
3214	Aluminium sheet 24 gauge	sqm	**313.42**	****
3228	600x120 mm glass shelf with anodised aluminium angle frame, C.P. brass brackets and guard rail of standard size	each	**232.68**	*
3229	Vitreous china flat back wash basin 550x400 mm	each	**511.90**	*
3300	Gunmetal non-return valve-vertical (screwed end) 80 mm dia	each	**2326.81**	*
3311	C.I.sluice valve (with caps) class II : 100 mm dia	each	**2512.95**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
3314	C.I.sluice valve (with caps) class II : 125 mm dia	each	**2978.31**	*
3317	C.I.sluice valve (with caps) class II : 150 mm dia	each	**3722.89**	*
3320	C.I.sluice valve (with caps) class II : 200 mm dia	each	**8283.44**	*
3321	C.I.sluice valve (with caps) class II : 250 mm dia	each	**13495.49**	*
3326	C.I.sluice valve (with caps) class II : 300 mm dia	each	**16939.17**	*
3327	15 mm Battery Based Sensor Pillar Cock	each	**5398.20**	*
3617	CP Brass Union 40 mm dia	each	**181.49**	*
3620	C.C.I.(spun) socketed soil, waste and vent pipe 1.80 metres long :100 mm dia	each	**1113.15**	*
3621	C.C.I. (spun) socketed soil, waste and vent pipe 1.80 metres long :75 mm dia	each	**963.30**	*
3624	S.C.I. S&S bends with access door 100 mm dia	each	**269.91**	*
3625	S.C.I. S&S bends with access door 75 mm dia	each	**223.37**	*
3628	S.C.I. S&S bend 100 mm dia	each	**246.64**	*
3629	S.C.I. S&S bend 75 mm dia	each	**181.49**	*
3634	S.C.I. S&S heel rest sanitary bend 100 mm dia	each	**275.49**	*
3635	S.C.I. S&S heel rest sanitary bend 75 mm dia	each	**232.68**	*
3640	S.C.I. S&S single equal junctions100x100x100 mm	each	**439.30**	*
3641	S.C.I. S&S single equal junctions 75x75x75 mm	each	**307.14**	*
3644	S.C.I. S&S single equal junctions with access door 100x100x100 mm	each	**460.71**	*
3645	S.C.I. S&S single equal junctions with access door 75x75x75 mm	each	**347.16**	*
3650	S.C.I. S&S double equal junctions 100x100x100x100 mm	each	**577.05**	*
3651	S.C.I. S&S double equal junctions 75x75x75x75 mm	each	**429.99**	*
3654	S.C.I. S&S double equal junctions with access door 100x100x100x100 mm	each	**572.39**	*
3655	S.C.I. S&S double equal junctions with access door 75x75x75x75 mm	each	**446.75**	*
3660	S.C.I. S&S single unequal junctions 100x100x75 mm	each	**530.51**	*
3664	S.C.I. S&S single unequal junctions with access door 100x100x75 mm	each	**595.66**	*
3670	S.C.I. S&S double unequal junctions 100x100x75x75 mm	each	**744.58**	*
3674	S.C.I. S&S double unequal junctions with access door 100x100x75x75 mm	each	**791.11**	*
3681	S.C.I. S&S single equal invert branch of required degree 100x100x75x75 mm dia	each	**395.56**	*
3682	S.C.I. S&S single equal invert branch of required degree 75x75x75 mm dia	each	**300.62**	*
3685	S.C.I. S&S double equal invert branch of required degree 100x100x100x100 mm dia	each	**493.28**	*
3686	S.C.I. S&S double equal invert branch of required degree 75x75x75x75 mm dia	each	**395.56**	*
3690	S.C.I. S&S single unequal invert branch of required degree 100x100x75 mm dia	each	**507.24**	*
3695	S.C.I. S&S double unequal invert branch of required degree 100x100x75x75 mm dia	each	**674.77**	*
3699	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	**209.41**	*
3707	S.C.I. S&S, 150 mm offset for 75 mm dia pipe	each	**265.26**	*
3708	S.C.I. S&S, 150 mm offset for100 mm dia pipe	each	**362.98**	*
3712	S.C.I. S&S, 114 mm offset for 75 mm dia pipe	each	**279.22**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
3713	S.C.I. S&S, 114 mm offset for 100 mm dia pipe	each	**356.47**	*
3716	S.C.I. S&S,152 mm offset for 75 mm dia pipe	each	**333.20**	*
3717	S.C.I. S&S, 152 mm offset for 100 mm dia pipe	each	**423.48**	*
3728	S.C.I. S&S, door pieces 100 mm dia	each	**372.29**	*
3729	S.C.I. S&S, door pieces 75 mm dia	each	**274.56**	*
3733	S.C.I. S&S, Slotted Cowl (Terminal Guard) 100 mm	each	**245.71**	*
3734	S.C.I. S&S, Slotted Cowl (Terminal Guard) 75 mm	each	**195.45**	*
3738	S.C.I. S&S, Slotted collars 100 mm	each	**259.67**	*
3739	S.C.I. S&S, Slotted collars 75mm	each	**158.22**	*
3746	S.C.I. S&S, 75 mm offset for 75 mm dia pipe	each	**202.90**	*
3747	S.C.I. S&S, 75 mm offset for100 mm dia pipe	each	**337.85**	*
3749	Vitreous china toilet paper holder of standard size	each	**93.07**	*
3860	560 mm dia cover with frame (Heavy duty)	each	**8376.51**	*
3861	561 mm dia cover without frame (Heavy duty)	each	**4653.62**	*
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series casement window/door frame, sash, mullion & small series sliding window frame	metre	**60.50**	*
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window/door frame, sash, mullion, big & small series sliding window frame	metre	**65.15**	*
3993	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement door sash	metre	**88.42**	*
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window / door sash	metre	**79.11**	*
3995	G.I fasteners 100 x 8 mm	each	**13.96**	*
4001	Stainless steel (Grade-304)hollow section round/square tubes	kg	**214.07**	*
4002	Stainless steel bolts/square bar and plates	kg	**111.69**	*
4006	Pressed steel door frames (mild steel sheet 1.25mm) profile 'B'	metre	**186.14**	*
4007	Pressed steel door frames (mild steel sheet 1.25mm) profile 'C	metre	**204.76**	*
4008	Pressed steel door frames (mild steel sheet 1.25mm) profile 'E'	metre	**232.68**	*
4009	Mild steel tubes, hot finished welded type	kilogram	**39.09**	*
4010	Mild steel tubes, hot finished seamless type	kilogram	**41.88**	*
4011	Mild steel tubes, electric resistant or induction butt welded	kilogram	**55.84**	*
4012	Circular C.I. Box for ceiling fan internal dia 140 mm, 73 mm height,toplid of 1.5mm thick MS sheet	each	**51.19**	*
4013	Pulleys 40 mm dia	each	**27.92**	*
4014	Steel doors and windows Ready made steel door with necessary hinges, lugs and glazing clips excluding other fittings and their fixing	sqm	**1936.98**	****
4201	Aluminium primer	litre	**81.90**	*
4202	Primers Red Oxide Zinc Chromate primer	litre	**60.50**	*
4203	Copper Accetate	kilogram	**279.22**	*
4204	Hydrochloric Acid	kilogram	**32.58**	*
4205	Copper Chloride	kilogram	**260.60**	*
4206	Copper Nitrate	kilogram	**204.76**	*
4207	Ammonium Chloride	kilogram	**18.61**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
5001	Oil / Fuel Mobil oil	litre	**228.03**	*
5050	SS pipe 304 grades with press fit technology as per JIS 3448 Standard 48.60 mm outer dia	metre	**632.89**	*
5743	Coloured inter locking C.C. paver Block	sqm	**465.36**	*
6001	White marble slab Makrana second quality plain veined 18mm thick	sqm	**1396.09**	*
6007	Pink marble slab plain 18mm thick	sqm	**630.10**	*
6010	Udaypur green marble slab plain 18 mm thick	sqm	**604.97**	*
6019	Black zebra marble slab piain 18 mm thick	sqm	**465.36**	*
6501	Local Sand (Fine)	cum	117.66	**
7001	Brass 100 mm mortice latch & lock with 6 levers with out pair of handles	each	**204.76**	*
7003	Pair of Anodised Aluminium lever handles for 100 mm mortice latch and lock	each	**209.41**	*
7004	Vitreous china flat back wash basin 450x300 mm	each	**302.49**	*
7005	Vitreous china 10 litres low level cistern without fittings	each	**698.04**	*
7006	Vitreous china 10 litres low level cistern with fittings	each	**1209.94**	*
7007	Fly Ash Bricks as per IS 12894(2002) & IS 3425(I to IV)	per 1000	5156.00	**
7008	F.P.S.(non modular) clay fly ash bricks class designation 7.5	1,000nos	**3722.89**	*
7009	12.5 mm thick tapered edge gypsum plain borad	sqm	**148.92**	*
7010	Galvanised Steel ceiling section (size 80x26x0.50 mm)	metre	**44.67**	*
7011	Galvanised Steel perimetre Channel (Size 20x27x30x0.50 mm)	metre	**21.41**	*
7012	Galvanised Steel intermediate Channel (Size 15x45x15x0.90 mm)	metre	**37.23**	*
7013	Galvanised Steel angle hanger (Celling angle) (Size 25x10x0.50 mm)	metre	**12.10**	*
7014	Galvanised Steel connecting clips (2.64 mm dia and 230 mm long GI wire)	each	**3.72**	*
7015	Galvanised Steel soffit cleat (Size 27x37x25x0.60 mm)	each	**2.79**	*
7016	Joint filler	kilogram	**25.13**	*
7017	Joint finisher	kilogram	**22.34**	*
7018	Joint tape roll	roll	**97.73**	*
7019	Dash fastner	each	**13.96**	*
7020	All drive screws(for gypsum board)	100 Nos.	**55.84**	*
7021	Primer (for gypsum uoard)	litre	**67.94**	*
7022	Chloropyriphos 20 % E.C. Lindane 20% E.C.	litre	**148.92**	*
7023	Chromium plated orackets (Curtain rod)	each	**6.52**	*
7024	Acid proof cement	tonne	**7585.40**	*
7025	Self tapping pan head nickel coated mild steel screws of size 13 x 3.2 mm	1000 nos.	**511.90**	*
7026	Fibre joint tape 50 mm wide (90 metre) roll	each roll	**158.22**	*
7027	M.S. Butt hinges 125x90x4 mm	ten	**102.38**	*
7028	12.5 mm thick Fully Perforated gypsum board	sqm	**400.21**	*
7029	Galvanised wire mesh of average width of aperture 1.4 mm and romin31 dia. of wire 0.63 mm	sqm	**241.99**	*
7030	12.5 mm thick tapered edge gypsum fire resistant board	sqm	**237.33**	*
7031	12.5 mm thick tapered edge gypsum moisture resistant board	sqm	**265.26**	*
7032	Frosted glass sheet of nominal thickness 4mm (weighing not less than 10 kg/sqm)	sqm	**325.75**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7033	Nickle plated M.S. pipe 25 mm dia.	metre	**74.46**	*
7034	Nickle plated M.S. pipe 20 mm dia.	metre	**69.80**	*
7035	Nickle plated M.S. Brackets for curtain rod 20 mm	each	**6.52**	*
7036	Nickle plated M.S. Brackets for curtain rod 25 mm	each	**7.45**	*
7040	Oxidised mild steel screws 35 mm	100 Nos.	**46.54**	*
7042	Mild steel conduit pipe (heavy type) ISI marked-20 mm dia.	metre	**40.95**	*
7043	Mild steel conduit pipe (heavy type) ISI marked-25 mm dia.	metre	**52.12**	*
7044	Rolling shutters of 80xO.90mm laths	sqm	**930.72**	*
7045	Rolling shutters of 80x1.2mm laths	sqm	**1023.80**	*
7046	Top cover of Rolling shutters 0.90mm thick	metre	**279.22**	*
7047	Top cover of Rolling shutters 1.20mm thick	metre	**297.83**	*
7048	Rawl plug 50 mm (designation 10 no.)	each	**9.31**	*
7049	Teak wood lipping of size 25x3mm in pelmets	metre	**13.96**	*
7050	PU Primer	sqm	**37.23**	*
7051	40 mm (average) PU spray having 40-45 kg/m3 density	sqm	**391.83**	*
7052	GI wire netting 3/4" x 24 G	sqm	**25.13**	*
7053	400 G polythene sheet	sqm	**13.96**	*
7055	Flat pressed 3 layer and graded particle board (medium density) Grade 1 conforming to IS : 3087 - 18 mm thick	sqm	**409.52**	*
7056	Aluminium Tee channel (heavy duty) with rollers and stop end	metre	**48.40**	*
7059	Aluminium hanging floor door stopper with twin rubber & stopper	each	**25.13**	*
7060	Hydraulic door closer tubular type Aluminium extruded section body - Gazel	each	**261.53**	*
7063	Oxidised M.S. casement stay (straight peg type) 300 mm not less than 0.33 kg.	each	**18.61**	*
7064	Oxidised M.S. casement stay (straight peg type) 250 mm not less than 0.28 kg.	each	**15.82**	*
7065	Oxidised M.S. casement stay (straight peg type) 200 mm not less than 0.24 kg.	each	**13.03**	*
	Extra for providing grilled rolling shutters with 8mm dia. M.S.	sqm	**251.30**	*
7068	Chequerred precast cement concrete tiles 22mm thick using marble chips of size 6mm Light shade using white cement	sqm	**335.06**	*
7071	White marble Raj Nagar plain 18 mm thick upto 0.50 sqm area	sqm	**558.43**	*
7072	Wall mounted water closet	each	**4327.86**	*
7073	Adjustable Vetrious China Cistern with fittings	each	**1861.45**	*
7074	White Vetrious China Waterless Urinal of size 600x330x315	each	**9404.96**	*
7075	Cistern with fittings for Waterless Urinal	each	**2233.74**	*
7076	Battery based infrared sensor operated White vitreous urinalof appox size 610x390x370	each	**3722.89**	*
7077	Acid and alkali resistant tiles size 300x300mm 10mm thick	ten	**418.83**	*
7087	S.C.I. Tee 150 mm	each	**558.43**	*
7090	Expanded polystyrene type N - Normal	sqm	**120.99**	*
7091	Expanded polystyrene type SE	sqm	**144.26**	*
7095	Stainless steel kitchen sink - with drain board bowl depth 250 mm	each	**2419.88**	*
7096	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 225 mm.	each	**2187.20**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7097	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 200 mm.	each	**2140.66**	*
7098	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth178 mm.	each	**2094.13**	*
7101	Stainless steel kitchen sink - without drain board 610x510 mm bowl depth 200 mm	each	**1396.09**	*
7102	Stainless steel kitchen sink - without drain board 610x460 mm bowl depth 200 mm	each	**1163.40**	*
7103	Stainless steel kitchen sink - without drain board 470x420 mm bowl depth 178 mm	each	**1023.80**	*
7104	Coloured Orissa pattern W.C. pan 580x440 mm	each	**912.11**	*
7105	Coloured Pedestal type W.C. pan 580x440 mm (European type)	each	**837.65**	*
7106	Coloured Vitreous china 10 lit. low level cistern	each	**1023.80**	*
7107	Coloured (other than black) solid P.V.C. seat in European W.C. pan	each	**376.94**	*
7112	Circular shape 450 mm dia Mirror with Plastic moulded frame	each	**418.83**	*
7113	Rectangular shape 453x357 mm Mirror with Plastic moulded frame	each	**279.22**	*
7114	Oval shape 450x350 mm (outer dimensions) Mirror with Plasticmoulded frame	each	**325.75**	*
7115	Rectangular shape 1500x450 mm Mirror with Plastic moulded frame	each	**651.51**	*
7116	Hard board 6 mm thick	each	**111.69**	*
7117	Semi Rigid PVC waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm i/c PVC waste fittings	each	**27.92**	*
7118	Semi Rigid PVC waste pipe for sink and wash basin40 mm dia with length not less than 700 mm i/c PVC waste fittings	each	**32.58**	*
7119	Flexible (coil shaped) PVC waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm i/c PVC waste fittings	each	**26.06**	*
7120	Flexible (coil shaped) PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings	each	**27.92**	*
7121	Bottle Trap	each	**604.97**	*
7122	CP Brass Single lever telephonic wall mixer of approved make	each	**3722.89**	*
7123	Coloured High density polyethylene/ poly propylene 10 lit. (full flush) capacity controlled low level flushing cistern with fittings	each	**502.59**	*
7126	White Vitreous china 10 lit. (full flush) capacity controlled low levelflushing cistern with all fittings	each	**744.58**	*
7127	Coloured Vitreous china 10 lit. (full flush) capacity controlled low level flushing cistern with all fittings	each	**1116.87**	*
7128	S.W. intercepting trap 100 mm dia	each	**176.84**	*
7129	S.W. intercepting trap 150 mm dia	each	**232.68**	*
7130	Rectangular shape 600x 450 mm precast R.C.C. manhole cover with frame - L.D. - 25	each	**651.51**	*
7131	Square shape 450x450 mm precast R.C.C. manhole cover with frame - L.D. - 25	each	**558.43**	*
7132	Circular shape 450 mm dia precast R.C.C. manhole cover with frame - L.D. - 25	each	**558.43**	*
7133	Rectangular shape 500x500 mm precast R.C.C. manhole cover with frame - M.D. - 10	each	**651.51**	*
7134	Circular shape 500 mm dia precast R.C.C. manhole cover with frame - M.D. - 10	each	**558.43**	*
7135	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 20	each	**856.27**	*
7136	Circular shape 560 mm dia precast R.C.C. manhole cover with frame - H.D. - 35	each	**1140.14**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7137	Factory made 35 mm thick shutters with laminated veneer lumber styles rails as per TADS I S : 1995 and panels of 12 mm thick plain Type I, medium density flat pressed three l?ver, graded particle board (FPT-I) as per I S:3087-1985 bonded with BWP type synthetic resin adhesive, as per IS : 848-1974	sqm	1582.23	*
7139	Factory made 35 mm thick shutters with lamineted veneer lumber styles rails as per TADS IS : 1995 and panels of 12 mm thick both sides prelaminated Type -1, medium density flat pressed three layer, graded particle board (FPT-I) IS: 3087 marked bonded with BWP type synthetic resin adhesive as per IS : 848-1974 .	sqm	**1675.30**	*
7143	12 mm thick one side prelaminated Type - I, other side balancing lamination, medium density, flat pressed three layer, graded particle board (FPT-I) as per IS : 3087, bonded with BWP type synthetic resin as per IS : 848-1974 35 mm thick shutters	sqm	**1861.45**	*
7151	Sheet glass using 10 kg I sqm glass panes 30 mm thick shutters	sqm	**1582.23**	*
7154	Using galvanised wire gauge with average width of aperture 1.4 mm on both direction with wire of dia. 0.63 mm 35 mm thick shutters	sqm	**1582.23**	*
7155	Using galvanised wire gauge with average width of aperture 1.4 mm on both direction with wire of dia. 0.63 mm 30 mm thick shutters	sqm	**1396.09**	*
7157	Using galvanised wire gauge with average width of aperture 1.4 [Tim on both direction with wire of dia. 0.63 mm Laminated veneer lumber conforming to TAOS 15 : 1995 manufactured in factory in frames of door, windows	10 cudm	679.43	*
7178	Chemical ASTMC-type I	kg	**102.38**	*
7181	C.I. pile shoe	kilogram	**46.54**	*
7182	M.S. clamps for pile shoe	kilogram	**41.88**	*
7183	Bentonite	tonne	**2885.24**	*
7184	Oxidised M.S. safety chain (weighing not less than 450 gms) for each door	each	**55.84**	*
7187	C.I. grating 150 mm dia. (Weighing not less than 440 gm)	each	**26.06**	*
7188	U-PVC pipes (working pressure 4 kg/cm^2) Single socketed ipe 75 mm dia	metre	**67.01**	*
7189	U-PVC pipes (working pressure 4 kg/cm^2) Single socketed ipe 110 mm dia.	metre	**125.65**	*
7190	U-PVC pipes (working pressure 4 kg/cm^2) Rubber (Seal) Ring 75 mm dia .	metre	**7.45**	*
7191	U-PVC pipes (working pressure 4 kg/cm^2) Rubber (Seal) Ring 110 mm dia .	metre	**11.17**	*
7192	UPVC coupler for UPVC drainage pipes 75 mm	each	**17.68**	*
7193	UPVC coupler for UPVC drainage pipes 110 mm	each	**38.16**	*
7194	UPVC pushfit coupler (single) 75 mm thick	each	**17.68**	*
7195	UPVC pushfit coupler (single) 110 mm thick	each	**31.64**	*
7196	UPVC single equal Tee (with door) 75x75x75 mm	each	**44.67**	*
7197	UPVC single equal Tee (with door) 110x110x110 mm	each	**79.11**	*
7198	UPVC single equal Tee (with door) 75x75x75 mm	each	**57.70**	*
7199	UPVC single equal Tee (with door) 110x110x110 mm	ecch	**90.28**	*
7208	UPVC bend 87.50 75 mm bend	each	**34.44**	*
7209	UPVC bend 87.50 110 mm bend	each	**57.70**	*
7212	UPVC plain shoe 75 mm	each	**26.06**	*
7213	UPVC plain shoe 110 mm	each	**45.61**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7214	UPVC pipe clip 75 mm bend	each	**14.89**	*
7215	UPVC pipe clip 110 mm bend	each	**13.96**	*
7231	Resin Bonded Glass wool 16 kg/m3, 50mm thick	sqm	**97.73**	*
7232	Resin Bonded Glass wool 24 kg/m3, 50mm thick	sqm	**139.61**	*
7233	Bitumen felt fibre base (vegetable or animal) Fibre glass tissue reinforced bitumen Felt Type 2 grade I conforming to IS : 7193	sqm	**80.04**	*
7236	Precast chequered cement tiles 22mm thick dark shade using ordinary cement	sqm	**218.72**	*
7237	Precast chequered cement tiles 22mm thick medium shade using 50% white cement, 50% ordinary cement	sqm	**325.75**	*
7238	High Albedo paint	kg	**206.66**	*
7239	Epoxy paint	litre	**206.66**	*
7240	Fire retardant paint	litre	**231.64**	*
7241	Melamine polish	litre	**269.91**	*
7244	Table rubbed polished stone 18mm thick (75x50 cm) Agaria marble stone - 18 mm thick	sqm	**1582.23**	*
7245	Table rubbed polished stone 18mm thick (75x50 cm) Granite stone 18 mm thick	sqm	**1582.23**	*
7246	Verticle load testing (INITIAL) of piles in accordance with IS : 2911 (part-IV) including installation of loading platform and prepration of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & Upto 50 tonne capacity pile	per test	**30900.02**	*
7247	Verticle load testing (INITIAL) of piles in accordance with IS : 2911 (part-IV) including installation of loading platform and prepration of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & Above 50 tonne & upto 100 tonne capacity pile:	per test	**37508.15**	*
7248	Verticle load testing (INITIAL) of piles in accordance with IS : 2911 (part-IV) including installation of loading platform and prepration of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & Group of two more piles Upto 50 tonne capacity piles.	per test	**45140.09**	*
7249	Cyclic vertical load testing of piles in accordance with IS: 2911 IV part including preparation of pile head etc. for Single piles Upto 50 tonne capacity tonne	per test	**13960.85**	*
7250	Cyclic vertical load testing of piles in accordance with IS: 2911 IV part including preparation of pile head etc. for Single piles Above 50 tonne capacity pile and upto 100 tonne capacity piles	per test	**21406.64**	*
7251	Cyclic vertical load testing of piles in accordance with IS : 2911 Part- IV) including preparation of pile head etc. for Group of two piles up to 50 tonne capacity each	per test	**27456.34**	*
7252	Lateral load testing of singie pile in accordance with iS: 2911 Part - IV for determining safe allowable lateral load on pile. Upto 50 tonne capacity pile	per test	**13960.85**	*
7253	Lateral load testing of single pile in accordance with IS: 2911 Part - IV for determining safe allowable lateral load on pile. Above 50 tonne capacity piie and upto 100 tonne capacity piles	per test	**21965.07**	*
7254	Hard crete compound	litre	**37.23**	*
7255	Road marking paint (spirit based)	litre	**103.33**	*
7256	Superior quality road marking paint	litre	**120.55**	*
7257	C.P. Brass bibcock 15 mm	each	**279.22**	*
7258	C.P. Brass long nose bibcock 15 mm	each	**418.83**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7259	C.P. Brass long body bibcock 15 mm	each	**372.29**	*
7260	C.P. Brass stop cock (concealed) 15 mm	each	**418.83**	*
7261	C.P. Brass angle valve 15 mm	each	**362.98**	*
7266	Pressed clay tiles	1000 nos.	**8376.51**	*
7267	Plain ceiling tiles (BWP type phenol formal dehyde synthetic resin bonded) (600x600x12mm)	each	**111.69**	*
7268	Semi perforated ceiling tiles (600x600x12mm)	each	**104.24**	*
7269	25 mm thick particle board	sqm	**446.75**	*
7270	30mm thick pre laminated flush door shutter	sqm	**791.11**	*
7271	IInd class teak wood lipping 25mm wide x 12mm thick	metre	**27.92**	*
7272	25 mm thick melamine faced prelaminated three layer particle board	sqm	**874.88**	*
7273	Resin Bonded Rockwool 48 kg/m3	sqm	**116.34**	*
7274	Glass wool 50 mm thick	sqm	**232.68**	
7280	Waste plastic additive	tonne	**37228.94**	*
7281	Chemical ASTMC-type II	kg	**158.22**	*
7295	Granite of any colour, 18 mm thick (slab area upto 0.50 sqm)	sqm	**1628.77**	*
7296	Granite of any colour, 30 mm thick (slab area upto 0.50 sqm)	sqm	**1861.45**	*
7297	Granite of any colour,18 mm thick (slab area above 0.50sqm)	sqm	**1675.30**	*
7306	Aluminium T or L sections	kilogram	**186.14**	*
7307	For flush door shutters Extra for providing teak veneering on one side instead of commercial veneering	sqm	**316.45**	*
7309	Paving Asphalt of grade VG-30 of approved quality	tonne	**28401.96**	*
7312	Expandable fastner with plastic sleeve and M.S. screws. 25 mm long	each	**9.31**	*
7313	Expandable fastner with plastic sleeve and M.S. screws. 32 long	mm each	**10.24**	*
7314	Expandable fastner with plastic sleeve and M.S. screws. 40 long	mm each	**13.03**	*
7315	Expandable fastner with plastic sleeve and M.S. screws. 50 long	mm each	**13.96**	*
7318	Plasticizer/super plasticizer	kilogram	**35.37**	*
7319	Wall form panel 1250X500mm	each	**837.65**	*
7320	Tie bolt 12mm dia 100 mm length	each	**37.23**	*
7321	Tie bolt 12mm dia 150 mm length	each	**46.54**	*
7322	Tie bolt 20mm dia 150 mm length	each	**55.84**	*
7323	Tie bolt 20mm dia 225 mm length	each	**65.15**	*
7324	Spring coil 12mm	each	**14.89**	*
7325	Plastic cone 12mm dia	each	**16.75**	*
7326	Corner angle 45x45x5mm 1.50 m long	each	**232.68**	*
7327	100mm channel shoulder 2.5 m long	each	**884.19**	*
7328	Double clip (bridge clip)	each	**74.46**	*
7329	Single clip	each	**57.70**	*
7330	M.S. tube 40mm dia	metre	**209.41**	*
7331	Wall form panel 1250x450mm	each	**837.65**	*
7332	Corner angle 45x45x5 mm 2.50 m long	each	**246.64**	*
7333	Column clamp 450x1070 mm	each	**940.03**	*
7334	Prop 2 m (2-3.5m)	each	**618.93**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7335	Binding wire	kilogram	**44.67**	*
7338	Gun metal cramp	kilogram	**307.14**	*
7339	Stainless steel cramp	kilogram	**279.22**	*
7340	Stainless steel pin.	kg	**176.84**	*
7342	Adjustable span ESQ+SI (2.35-3.40)	each	**1442.62**	*
7343	Adjustable telescopic prop 3 m (2.00-3.75 m)	each	**930.72**	*
7344	Beam clamp 300-380mm (450-1070mm)	each set	**344.37**	*
7345	Prop 4m	each	**884.19**	*
7346	Double coupler	each	**44.67**	*
7347	Cadmium plated full threaded steei screws (30x4 mm dia.)	100 Nos.	**26.06**	*
7348	Aluminium Washer 2 mm thick 15 mm dia	100 Nos.	**9.31**	*
7349	12mm M.S. 'U' beading	metre	**13.96**	*
7350	M S tower bolt bright finished / black stone enamelled 250x10 mm .	each	**31.69**	****
7353	M S tower bolt bright finished / black stone enamelled 100x10 mm	each	**22.04**	****
7354	Plastic encapsulated M.S. foot rest 30x20x15 cm	each	**107.03**	*
7358	Flushing Cistern P.V.C. 10 lts capacity (low level) (White) (with fittings, accessories and flush pipe)	each	**558.43**	*
7359	P.V.C. automatic flushing cistern 5 lts capacity	each	**456.05**	*
7361	P.V.C. automatic flushing cistern 10 lts capacity	each	**493.28**	*
7363	15 mm C.P. brass tap with elbow operation lever	each	**418.83**	*
7364	White glazed fire clay draining board 600x450x25 mm	each	**511.90**	*
7366	Glass reinforced Gypsum (GRG) board 12.5 mm thick	sqm	**232.68**	*
7367	Galvanised M.S. sheet 0.50mm thick pressed channel section of size 50x32mm	metre	**55.84**	*
7369	Galvanised M.S. sheet 0.50mm thick pressed stud 48x34x36mm	metre	**69.80**	*
7375	G.I. flush pipe and C.P. brass spreader including C.P. conne cting pipe Single lipped urinal	each	**432.79**	*
7376	G.I. flush pipe and C.P. brass spreader including C.P. conne cting pipe Range of two lipped urinals	each	**744.58**	*
7377	G.I. flush pipe and C.P. brass spreader including C.P. conne cting pipe Range of three lipped urinals	each	**1023.80**	*
7378	G.I. flush pipe and C.P. brass spreader including C.P. conne cting pipe Range of four lipped urinals	each	**1396.09**	*
7379	White vitreous china clay half stall urinal flat back 580x380x350 mm or angle back 450x375x350 mm with waste fittings as per IS : 2556	each	**844.17**	*
7380	Precast R.C.C. grating with frame 500x450 mm horizontal grating	each	**604.97**	*
7381	Precast R.C.C. grating with frame 450x100 mm vertical grating	each	**228.03**	*
7382	Bitumen emulsion rapid setting (R.S.) confirming to IS : 8887	each	**23663.64**	*
7383	12 mm dia 50 mm long wedge type expanded zinc alloy dash fastener	each	**6.52**	
7385	3 mm thick translucent white acrylic plastic sheet	sqm	**530.51**	*
7386	12 thick particle board ceiling tile	sqm	**104.24**	*
7387	Spigot for standard jointing	kilogram	**41.88**	*
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	**11.17**	*
7389	Anodising 15 microns on aluminium sections	kilogram	**37.23**	*
7390	Neoprene / EPDM rubber gasket	meter	**18.61**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7391	Anodising 25 microns onaluminiu sections	kg	**46.54**	*
7392	Power coating 50 microns on aluminium sections	kg	**59.57**	*
7393	Polyster powder coating 50 microns on aluminium sections	kg	**65.15**	*
7394	Double action hydraulic floor spring with stainless steel cover plate	each	**1442.62**	*
7395	6 mm dia. M.S. adjustable hangers including clips (upto 1.2 m length)	each	**18.61**	*
7396	Double action hydraulic floor spring with brass cover plate	each	**1582.23**	*
7397	Base Jack	each	**139.61**	*
7398	Challies	each	**744.58**	*
7399	cup locks	each	**46.54**	*
7400	15 mm PTMT bib cock	each	**69.80**	*
7401	15 mm PTMT bib cock with flange (fancy)	each	**102.38**	*
7402	15 mm PTMT bib cock long body with flange	each	**113.55**	*
7403	15 mm dia PTMT stop cock(male thread)	each	**69.80**	*
7405	20 mm dia. PTMT stop cock	each	**94.93**	*
7406	PTMT pillar cock	each	**120.06**	*
7407	PTMT push cock 15 mm dia	each	**60.50**	*
7408	PTMT push cock 12 mm dia 20 mm BSP	each	**55.84**	*
7409	PTMT grating 100 mm dia	each	**19.55**	*
7410	PTMT Pillar cock (fancy) 15mm foam flow	each	**134.02**	*
7411	125 mm grating with waste hole	each	**29.78**	*
7412	Rectangular type with openable circular lid 150 mm size 18 mm high with 100 mm dia (110 gm)	each	**113.55**	*
7415	Double acting air valve 50 mm	each	**3629.82**	*
7416	Double acting air valve 80 mm	each	**4420.94**	*
7417	Double acting air valve 100 mm	each	**5770.49**	*
7418	Water meter (including testing charges) 80 mm	each	**1982.44**	*
7419	Water meter (including testing charges) 100 mm	each	**3071.39**	*
7420	Water meter (including testing charges) 150 mm	each	**4653.62**	*
7421	Water meter (including testing charges) 200 mm	each	**5025.91**	*
7422	Dirt box strainer 80 mm	each	**2615.33**	*
7423	Dirt box strainer 100 mm	each	**4262.71**	*
7424	Dirt box strainer 150 mm	each	**5407.50**	*
7425	Dirt box strainer 200 mm	each	**7678.47**	*
7426	Cat's eye	each	**97.73**	*
7427	Water stop Serrated with central bulb (225 mm wide, 8-11 mm thick)	metre	**196.38**	*
7428	Water stop Dumb bell with central bulb	metre	**153.57**	*
7429	Water stop Kicers	metre	**181.49**	*
7430	Wedge expansion hold fastner 1/4" or 6 mm	each	**11.17**	*
7431	Wedge expansion hold fastner 3/8" or 10 mm	each	**11.17**	*
7432	Wedge expansion hold fastner 1/2" or 12 mm	each	**26.06**	*
7439	8mm thick (mirror polished tiles machine cut edge) Raj Nagar white	sqm	**465.36**	*
7442	Wheel 75mm dia. 40mm wide	each	**60.50**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7443	Aluminium single cleat of size 30x32x3 mm	each	**13.96**	*
7444	Aluminium grip strip of size 50x12x2 mm	each	**11.17**	*
7445	25 mm prelaminated flush door both side decorative	sqm	**752.02**	*
7449	Aluminium U beading	kilogram	**204.76**	*
7451	Glass sheet (Pin headed) 4mm thick	sqm	**297.83**	*
7452	Raj Nagar plain- White Marble (table rubbed and polished 18mm thick slab area upto 0.50 sqm	sqm	**558.43**	*
7453	Raj Nagar plain- White Marble (table rubbed and polished 18mm thick slab area more than 0.50 sqm	sqm	**651.51**	*
7466	Second class deodar teak wood lipping 30mm width x 12mm	metre	**23.27**	*
7468	Veneered particle board with commercial veneerinq on both sides 12 mm thick	sqm	**483.98**	*
7477	Prelaminated particle board with one side decorative and other side balancing lamination, flat presed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	**524.00**	*
7478	Prelaminated particle board with one side decorative and other side balancing lamination, flat presed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 18 mm thick	sqm	**628.24**	*
7479	Prelaminated particle board with one side decorative and other side balancing lamination, flat presed 3 layer & graded (medium density) Grade I. Type II conforming to IS : 12823 (exterior grade) 25 mm thick	sqm	**865.57**	*
7480	Prelaminated particle board with both sides decorative lamination.flat pressed 3 layer & graded (medium density) Graefe I. Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	**554.71**	*
7485	Oxidised M.S. hinges finished with nickle plating 50mm (Over all width)	metre	**39.09**	*
7486	Oxidised M.S. hinges finished with nickle plating 65mm (Over all width)	metre	**51.19**	*
7491	PTMT - Waste Coupling 31/32 mm	each	**33.51**	*
7492	PTMT - Waste Coupling 38/40 mm	each	**46.54**	*
7493	PTMT - Bottle Trap 31/32 mm	each	**202.90**	*
7494	PTMT - Bottle Trap 38/40 mm	each	**212.20**	*
7495	PTMT - Ball Cock 15 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	**97.73**	*
7496	PTMT - Ball Cock 20mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	**130.30**	*
7497	PTMT - Ball Cock25 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	**279.22**	*
7498	PTMT - Ball Cock 40 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	**466.29**	*
7499	PTMT - Ball Cock 50 mm Complete with Epoxy Coated Aluminium Rod & H.D. Ball	each	**849.75**	*
7500	PTMT - Angle Stop cock with Flange 15 mm	each	**94.93**	*
7501	PTMT - Swiveling shower 15 mm	each	**69.80**	*
7503	PTMT - Liquid Soap Container of 400 ml capacity	each	**99.59**	*
7504	PTMT - Towel Ring 215x200x37 mm	each	**125.65**	*
7505	PTMT - Towel Rail (450 mm)	each	**131.23**	*
7506	PTMT - Towel Rail (600 mm)	each	**157.29**	*
7507	PTMT - Shelf 450x124x36 mm	each	**195.45**	*
7508	PTMT - Urinal Spreader 15 mm	each	**74.46**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7509	PTMT - Soap Dish/Holder 138x102x75 mm	each	**79.11**	*
7512	PTMT - handle 125x34x24 mm	each	**23.27**	*
7513	PTMT - handle 150x34x24 mm	each	**23.27**	*
7514	PTMT - butt hinges 75x60x10 mm	each	**32.58**	*
7515	PTMT - butt hinges 100x75x10 mm	each	**41.88**	*
7516	PTMT - Tower bolt 152x42x18 mm	each	**46.54**	*
7517	PTMT - Tower bolt 202x42x18 mm	each	**65.15**	*
7518	PTMT - door catcher 72x42 mm	each	**23.27**	*
7552	Coir Veneered board 4 mm thick	sqm	**279.22**	*
7553	Coir Veneered board 6 mm thick	sqm	**372.29**	*
7555	Coir Veneered board 12 mm thick	sqm	**651.51**	*
7556	Coir Veneered board 18 mm thick	sqm	**977.26**	*
7621	Hubless centrifugally cast (spun) iron pipes as per IS 15905 - 100 mm dia (3000 mm length pipe)	metre	**678.50**	*
7622	Hubless centrifugally cast (spun) iron pipes as per IS 15905 - 75 mm dia (3000 mm length pipe)	metre	**555.64**	*
7623	Hubless centrifugally cast (spun) iron plain bend as per IS 15905 - 100 mm dia	each	**224.30**	*
7624	Hubless centrifugally cast (spun) iron plain bend as per IS 15905 - 75 mm dia	each	**152.64**	*
7625	Hubless centrifugally cast (spun) iron double equal plain junction as per IS 15905 - 100x100x100x100 mm dia	each	**495.14**	*
7626	Hubless centrifugally cast (spun) iron double equal plain junction as per IS 15905 - 75x75x75x75 mm dia	each	**266.19**	*
7627	Hubless centrifugally cast (spun) iron single equal plain junction as per IS 15905 - 100x100x100 mm dia	each	**381.60**	*
7628	Hubless centrifugally cast (spun) iron single equal plain junction as per IS 15905 - 75x75x75 mm dia	each	**209.41**	*
7629	Hubless centrifugally cast (spun) iron double unequal plain junction as per IS 15905 - 100x100x75x75 mm dia	each	**391.83**	*
7630	Hubless centrifugally cast (spun) iron single unequal plain junction as per IS 15905 - 100x100x75 mm dia	each	**364.84**	*
7631	Hubless centrifugally cast (spun) iron double equal plain invert branch as per IS 15905 - 100x100x100x100 mm dia	each	**607.76**	*
7632	Hubless centrifugally cast (spun) iron single equal plain invert branch as per IS 15905 - 100x100x100 mm dia	each	**381.60**	*
7633	Hubless centrifugally cast (spun) iron single equal plain invert branch as per IS 15905 - 75x75x75 mm dia	each	**251.30**	*
7634	Hubless centrifugally cast (spun) iron single unequal plain invert branch 45 degree as per IS 15905 - 100x100x75 mm dia	each	**418.83**	*
7635	Hubless centrifugally cast (spun) iron 65 mm offset with 100 mm dia pipe as per IS 15905	each	**351.81**	*
7636	Hubless centrifugally cast (spun) iron 65 mm offset with 75 mm dia pipe as per IS 15905	each	**286.66**	*
7637	Hubless centrifugally cast (spun) iron 130 mm offset with 100 mm dia pipe as per IS 15905	each	**425.34**	*
7638	Hubless centrifugally cast (spun) iron 130 mm offset with 75 mm dia pipe as per IS 15905	each	**302.49**	*
7639	Hubless centrifugally cast (spun) iron bend with access door - 100 mm dia as per IS 15905	each	**353.67**	*
7640	Hubless centrifugally cast (spun) iron bend with access door - 75 mm dia as per IS 15905	each	**282.01**	*
7641	Hubless centrifugally cast (spun) iron terminal guard (slotted cowl) - 100 mm dia as per IS 15905	each	**263.39**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7642	Hubless centrifugally cast (spun) iron trap with 100 mm inlet and 100 mm outlet as per IS 15905	each	**521.21**	*
7643	Hubless centrifugally cast (spun) iron trap with 100 mm inlet and 75 mm outlet as per IS 15905	each	**376.01**	*
7644	SS 304 grade shielded coupling with EPDM rubber gasket for 100 mm dia Hubless centrifugally cast (spun) iron	each	**267.12**	*
7645	SS 304 grade shielded coupling with EPDM rubber gasket for 75 mm dia Hubless centrifugally cast (spun) iron	each	**243.85**	*
7651	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 100 mm dia	metre	**744.58**	*
7652	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 150 mm dia	metre	**1116.87**	*
7653	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 200 mm dia	metre	**1535.69**	*
7654	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 250 mm dia	metre	**2140.66**	*
7655	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 300 mm dia	metre	**2661.87**	*
7656	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 350 mm dia	metre	**3266.84**	*
7657	Ductile Iron class K - 9 pipe Conforming to I.S. 8329400 mm dia	metre	**4188.26**	*
7658	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 450 mm dia	metre	**4839.76**	*
7659	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 500 mm dia	metre	**6124.16**	*
7660	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 600 mm dia	metre	**7380.64**	*
7661	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 700 mm dia	metre	**10237.96**	*
7662	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 750 mm dia	metre	**11075.61**	*
7663	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 800 mm dia	**metre**	**11168.68**	*
7664	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 900 mm dia	metre	**13495.49**	*
7665	Ductile Iron class K - 9 pipe Conforming to I.S. 8329 1000 mm dia	metre	**15170.79**	*
7666	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 100 mm dia	ench	**27.92**	*
7668	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 150mm dia	ench	**35.37**	*
7669	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 200mm dia	ench	**61.43**	*
7670	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 250mm dia	ench	**72.60**	*
7671	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 300 mm dia	ench	**107.03**	*
7672	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 350 mm dia	ench	**122.86**	*
7673	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 400 mm dia	ench	**223.37**	*
7674	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 450 mm dia	ench	**260.60**	*
7675	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 500 mm dia	ench	**283.87**	*
7676	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 600 mm dia	ench	**353.67**	*
7677	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 700 mm dia	ench	**535.17**	*
7678	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 750 mm dia	ench	**642.20**	*
7679	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 800 mm dia	ench	**707.35**	*
7680	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 900 mm dia	ench	**930.72**	*
7681	Rubber Gaskets Conforming to I.S 5382 of S.B.R quality 1000 mm dia	ench	**1116.87**	*
7682	Ductile Iron K - 12 specials suitable for push on jointing upto 600 mm dia	quintal	**12099.40**	*
7683	Ductile Iron K - 12 specials suitable for push on jointing over 600 mm dia	quintal	**16753.02**	*
7684	Ductile Iron specials suitable for mechanical jointing as per I.S. 9523 - upto 600 mm dia	quintal	**12750.91**	*
7685	Ductile Iron Specials suitable for mechanical jointing as per I.S. 9523 over 600 mm dia	quintal	**18288.71**	*
7686	Ductile Iron Pipe Class K-9 flanges and welding 100 mm dia	metre	**1074.99**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7687	Ductile Iron Pipe Class K-9 flanges and welding 150 mm dia	metre	**1612.94**	*
7688	Ductile Iron Pipe Class K-9 flanges and welding 200 mm dia	metre	**2028.05**	*
7689	Ductile Iron Pipe Class K-9 flanges and welding 250 mm dia	metre	**2883.38**	*
7690	Ductile Iron Pipe Class K-9 flanges and welding 300 mm dia	metre	**3704.28**	*
7691	Ductile Iron Pipe Class K-9 flanges and welding 350 mm dia	metre	**4671.30**	*
7692	Ductile Iron Pipe Class K-9 flanges and welding400mm dia	metre	**6010.61**	*
7693	Ductile Iron Pipe Class K-9 flanges and welding 450 mm dia	metre	**6306.58**	*
7694	Ductile Iron Pipe Class K-9 flanges and welding 500mm dia	metre	**8971.24**	*
7695	Ductile Iron Pipe Class K-9 flanges and welding600mm dia	metre	**11874.17**	*
7696	Ductile Iron Pipe Class K-9 flanges and welding700 mm dia	metre	**14043.69**	*
7697	S&S Centrifugally (Spun) C.I. Pipe class LA 100 mm dia	metre	**837.65**	*
7698	S&S Centrifugally (Spun) C.I. Pipe class LA 125mm dia	metre	**1042.41**	*
7699	S&S Centrifugally (Spun) C.I. Pipe class LA 150 mm dia	metre	**1256.48**	*
7700	S&S Centrifugally (Spun) C.I. Pipe class LA 200 mm dia	metre	**2140.66**	*
7701	S&S Centrifugally (Spun) C.I. Pipe class LA 250 mm dia	metre	**2792.17**	*
7702	S&S Centrifugally (Spun) C.I. Pipe class LA 300 mm dia	metre	**3769.43**	*
7703	S&S Centrifugally (Spun) C.I. Pipe class LA 350mm dia	metre	**4514.01**	*
7704	S&S Centrifugally (Spun) C.I. Pipe class LA 400mm dia	metre	**5956.63**	*
7705	S&S Centrifugally (Spun) C.I. Pipe class LA 450 mm dia	metre	**7213.11**	*
7706	S&S Centrifugally (Spun) C.I. Pipe class LA500 mm dia	metre	**8376.51**	*
7707	S&S Centrifugally (Spun) C.I. Pipe class LA 600 mm dia	metre	**11722.46**	*
7708	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing up to 300 mm dia	quintal	**5072.44**	*
7709	S&S Centrifugally (Spun) C.I. Pipe Specials as per IS 1538 suitable for lead jointing over 300 mm dia	quintal	**6059.01**	*
7710	S&S Centrifugally (Spun) C.I. Pipe specials suitable for mechanical joint as per I.S. 13382 up to 300 mm dia	quintal	**8376.51**	*
7711	S&S Centrifugally (Spun) C.I. Pipe Specials suitable for mechanical joint as per IS 13382 over 300 mm dia	quintal	**8841.87**	*
7712	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 100 mm dia	metre	**1279.74**	*
7713	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 150 mm dia	metre	**2001.06**	*
7714	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 200 mm dia	metre	**3164.46**	*
7715	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 250 mm dia	metre	**3815.97**	*
7716	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 300 mm dia	metre	**4876.99**	*
7717	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 350 mm dia	metre	**6142.77**	*
7718	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 400 mm dia	metre	**7957.69**	*
7719	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 450 mm dia	metre	**10144.89**	*
7720	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 500 mm dia	metre	**12620.61**	*
7721	Screwed double flanged centrifugally cast (spun) C.I. Pipe of Class B conforming to I.S. 1536, - 600 mm dia	metre	**17497.60**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7722	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 100 mm dia	metre	**721.31**	*
7723	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 150 mm dia	metre	**1042.41**	*
7724	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 200 mm dia	metre	**1442.62**	*
7725	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 250 mm dia	metre	**1954.52**	*
7726	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 300 mm dia	metre	**2579.03**	*
7727	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 350 mm dia	metre	**3121.65**	*
7728	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 400 mm dia	metre	**3736.85**	*
7729	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 450 mm dia	metre	**4515.87**	*
7730	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 500 mm dia	metre	**5337.70**	*
7731	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 600 mm dia	metre	**6889.21**	*
7732	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 700 mm dia	metre	**8947.04**	*
7733	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 800 mm dia	metre	**11261.75**	*
7734	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 900 mm dia	metre	**14522.08**	*
7735	Ductile Iron Class K- 7 pipe conforming to I.S. 8329 - 1000 mm dia	metre	**15852.08**	*
7736	Extruded burnt flyash clay sewer bricks conforming to I.S 4885	1000nos	**5025.91**	*
7737	Fly ash lime bricks (FALG Bricks) conforming to I.S. 12894 -1989	1000nos	**5398.20**	*
7738	Calcium Silicate Bricks machine moulded confirming to I.S. 4139	1000nos	**5305.12**	*
7739	Modified Bitumen Refinery produced CRMB - 55	toone	**36387.00**	**
7741	Modified Bitumen Refinery produced CRMB - 60	toone	**36387.00**	**
7742	Bitumen emulsion medium setting (M.S.) conforming to IS : 8887	toone	**39393.00**	**
7743	M.S. pipe 150 mm dia casing pipe	metre	**884.19**	*
7744	M.S. pipe 200 mm dia casing pipe	metre	**1116.87**	*
7745	PVC blind pipe 150 mm dia as per IS: 12818	metre	**453.26**	*
7746	PVC blind pipe 200 mm dia as per IS: 12818	metre	**483.05**	*
7747	M.S. cap 150 mm dia	each	**139.61**	*
7748	M.S. cap 200 mm dia	each	**176.84**	*
7749	M.S bail plug 150 mm dia	each	**176.84**	*
7750	M.S bail plug 200 mm dia	each	**195.45**	*
7751	PVC slotted pipe 150 mm dia as per IS: 12818	metre	**418.83**	*
7752	PVC slotted pipe 200 mm dia as per IS: 12818	metre	**651.51**	*
7753	Boulder 50 mm to 200 mm	cum	**651.51**	*
7754	Gravel 5 mm to 10 mm	cum	**744.58**	*
7755	Gravel 1.5 mm to 2 mm	cum	**744.58**	*
7756	Gravel 3 mm to 6 mm	cum	**744.58**	*
7757	M.S. pipe 100 mm dia casing pipe	metre	**651.51**	*
7758	UPVC blind pipe 100 mm dia as per IS: 12818	metre	**227.10**	*
7759	UPVC slotted pipe 100 mm dia as per IS: 12818	metre	**353.67**	*
7760	M.S. cap 100 mm dia	each	**111.69**	*
7761	M.S. bail plug 100 mm dia	each	**139.61**	*
7762	Precast R.C.C. perforated slab	each	**744.58**	*
7763	Water supply tanker of 5000 litre capacity	each	**698.04**	*
7764	M.S. socket 100 mm dia	each	**111.69**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7765	M.S. socket 150 mm dia	each	**195.45**	*
7766	M.S. socket 200 mm dia	each	**251.30**	*
7767	Stone cleaning chemical approved by ASI	litre	**153.57**	*
7768	Water repallent chemical approved by ASI	litre	**604.97**	*
7769	Stone surface strengthening chemical approved by ASI	litre	**949.34**	*
7770	Turpentine oil	litre	**51.19**	*
7771	Liquid Amonia 5%	litre	**149.85**	*
7772	Pea Gravel	cum	**837.65**	*
7773	Coloured inter locking C.C. paver Block	sqm	**465.36**	*
7774	Stone size 10x10x7.50cm	each	**8.38**	*
7775	Sodium pentachlorophenate	kilogram	**586.36**	*
7800	Ceramic Glazed Tiles 1st Quality minimum thickness 5mm in all colours shades except Burgandy, Bottle Green, Black	sqm	**195.45**	*
7801	Ceramic Glazed Tiles 1st quality 300x300 mm in all shades & designs of White, Ivory, Fume Red Brown etc.	sqm	**195.45**	*
7802	Ceramic Glazed Tiles 1st quality 300x300 mm in all shades & designs except White, Ivory, Grey and Fume Red Brown etc.	sqm	**241.99**	*
7803	Ceramic Glazed Tiles 1st quality 300x300 or more in all shades designs White, Ivory, Grey and Fume Red Brown etc.	sqm	**310.86**	*
7804	Ceramic Glazed Tiles 1st quality 300x300 or more mm hi all shades designs except White, Ivory, Grey and Fume Red brown etc.	sqm	**372.29**	*
7805	Salem Stainless steel AISI - 304 (18/8) Orrisa pattern W.C. pan 724 mm X 578 mm	each	**3350.60**	*
7806	Salem Stainless steel AISI - 304 (18/8) Round basin 405 mm X355 mm	each	**1396.09**	*
7807	Salem Stainless steel AISI - 304 (18/8) Wash basin 530 mm X 345 mm each	each	**1396.09**	*
7808	Centrifugally cast (spun) iron S&S 100 mm inlet and 100 mm outlet	each	**404.86**	*
7809	Centrifugally cast (spun) iron S&S 100 mm inlet and 75 mm outlet	each	**435.58**	*
7850	Agaria White marble slab plain 18 mm thick	each	**1023.80**	*
7857	P.T.M.T. Grating square slit 150 mm	each	**46.54**	*
7858	P.T.M.T. Urinal cock 15mm dia	each	**102.38**	*
7859	P.T.M.T. Bib cock with nozzle 15 mm	each	**78.18**	*
7861	P.T.M.T. Stop cock (concealed) 15 mm	each	**116.34**	*
7862	15 mm nominal bore and 30 cm length PVC connection pipe with P.T.M.T. Nuts	each	**29.78**	*
7863	15 mm nominal bore and 45 cm length PVC connection pipe with P.T.M.T. Nuts	each	**31.64**	*
7864	P.T.M.T. extension nipple 15 mm	each	**17.68**	*
7865	P.T.M.T. extension nipple 20 mm	each	**26.06**	*
7866	P.T.M.T. extension nipple 25 mm	each	**37.23**	*
7893	Tactile tile	sqm	**837.65**	*
7895	Matt finished vitrified tile 100x100 x16 mm	sqm	**350.88**	*
7896	Vitrified tile	sqm	**287.59**	*
7900	Modular common burnt clay bricks of class designation 7.5	1,000nos	**4188.26**	*
7901	Machine moulded perforated common burnt clay FPS (non modular) bricks of class designation 12.5	1,000nos	**4281.33**	*
7902	Machine moulded common burnt clay modular perforated bricks of class designation 12.5	1,000nos	**4979.37**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
7903	Machine moulded common burnt clay FPS (non modular) bricks of class designation 12.5	1,000nos	**4653.62**	*
7904	Machine moulded common burnt clay tile bricks of class designation 12.5	1,000nos	**4653.62**	*
7911	Chemical Rust Remover	litre	**186.14**	*
7912	Hire charges of Drill machine upto 30 mm dia	day	**139.61**	*
7913	Epoxy	kg	**511.90**	*
7914	SBR Polymer	kg	**167.53**	*
7915	Woven PVC cloth	sqm	**23.27**	*
7916	Hire charges of sand blasting equipment	day	**372.29**	*
7917	Hire charges of compressure	day	**558.43**	*
7918	25mm thick cement concrete shotcrete(guniting) with compressor	sqm	**93.07**	*
7919	50mm thick cement concrete shotcrete(guniting) with compressor	sqm	**148.92**	*
7920	75mm thick cement concrete shotcrete(guniting) with compressor	sqm	**247.57**	*
7921	Adhesive chemical	ml	**2.20**	*
7922	Bit of drilling machine for Hole upto 30mm dia	each	**442.09**	*
7923	GI injection nipple 12mm dia, 75mm long	each	**37.23**	*
7924	Blowing compressed air for cleaning holes upto 30mm dia	each	**9.31**	*
7925	L shaped 100mm long, 10mm dia mild steel shear key	kg	**62.45**	*
7926	Welding charges of shear key to existing reinforcement	each	**1.86**	*
7927	Acrylic Polymer chemical for cracks	kg	**27.92**	*
7928	Hire charges of Plant and machinery, it can inject - 350kg/day	day	**93.07**	*
8001	24 mm thick Factory made shutters with styles, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	**1298.36**	*
8002	30 mm thick Factory made shutters with styles, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	**1416.56**	*
8003	Factory made PVC rigid foam panelled door shutter 30 mm thick	sqm	**2047.59**	*
8004	Factory made PVC rigid foam panelled shutters as per I S: 4020 i/c carriage	sqm	**2419.88**	*
8006	Factory made PVC rigid foam sheet 1 mm thick	sqm	**186.14**	*
8007	Factory made PVC rigid foam sheet 5 mm thick	sqm	**588.22**	*
8008	Factory made Prelaminated PVC rigid foam sheet 5 mm thick	sqm	**699.90**	*
8010	Factory made PVC Door frame 48x40x1.5 mm in white , grey or wooden finish	metre	**148.92**	*
8011	Factory made door frame *PVC* extruded sheet i/c carriage	metre	**325.75**	*
8012	Adhesive Solvent cement	litre	**130.30**	*
8013	Factory made EPS Core wallpanel /roof panel sandwiched between two Engineered welded wire fabric mesh of 3 mm dia G.I. wire mesh,with 50 mm pitch in both the directions, kept at 120-135 mm gap and interconnected by the zig zag G.I. wire of 3 mm dia at alternate row by welding.		**1535.69**	*
8014	Factory made door frame of size 50x47 mm with wall thickness 5mm made of single piece extruded profile	metre	**465.36**	*
8015	Expanded poly ethylene Foam sheet 4mm thick of Density 40kg/m3	sqm	**16.75**	*
8016	High Density expanded poly ethylene (EPE) Foam 1mm thick	sqm	**7.91**	*
8017	Fire rated door frame made with 1.6 mm thick G.I sheet (120 minutes fire rating)	metre	**884.19**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8018	Fire rated door shutter made with 1.6 mm thick G.I sheet (120 minutes fire rating) including hinges (without glass panels)	sqm	**4653.62**	*
8021	Bamboo wood Tile Flooring 14mm thick of minimum size 1800mm x 130mm	sqm	**3513.48**	*
8022	Bamboo wood Quarter Round 18mm thick of size 1900mm x 18mm	metre	**116.34**	*
8023	Bamboo wood door reducer 14mm thick of size 1900mm x 44mm	metre	**255.95**	*
8024	Bamboo wood Skirting 14mm thick of Size 1900mm x 85mm	sqm	**302.49**	*
8025	Bamboo wood Tile Wall Cladding 10mm thick of size 1900mm x 135mm	sqm	**3141.19**	*
8026	Bamboo wood T-mold 14mm thick of size 1900mm x 44mm	metre	**255.95**	*
8027	Bamboo wood Threshold 14mm thick of size 1900mm x 44mm	metre	**255.95**	*
8028	Bamboo wood shutter of doors	10cudm	**1675.30**	*
8029	Bamboo wood panelling (10mm thick)	10cudm	**1675.30**	*
8030	Superior class Bamboo wood door frame 65 mm thick,	10cudm	**1675.30**	*
8031	Aluminium sheets Grade 5052, 4 mm thick for wall panel/deck panel/ WRB panel/Kicker Panels/door closing panels (for form work)	sqm	**7911.15**	*
8032	Aluminium sheets Grade 5052, 4 mm thick for Column Corners/ (for form work) Internal Corner/	sqm	**10703.32**	*
8033	Aluminium sheets Grade 5052, 4 mm thick for (for form work)	sqm	**29783.15**	*
	Accessories for aluminium form work		**0.00**	*
8034	External corner 2050 mm	each	**1303.01**	*
8035	External corner 825 mm	each	**525.86**	*
8036	soldier tie 370mm	each	**255.02**	*
8037	Adjustable prop-2.0 x2.0 m	each	**1005.18**	*
8038	Pin-50	each	**13.96**	*
8039	Pin-127	each	**48.40**	*
8040	wedge	each	**13.03**	*
8041	wall tie-150 (355 mm)	each	**41.88**	*
8042	Polythene Sleeve 90 x 150mm	each	**2.79**	*
8043	Polythene Roll - 150mm Long.	each	**5.58**	*
8044	Vertical Soldier -1100mm	each	**326.68**	*
8045	Wall Attached Bracket 600x1000mm	each	**871.16**	*
8046	Allignment Pipe - 3.00 Mtr.	each	**893.49**	*
8047	Allignment Bracket	each	**418.83**	*
8048	Tie Rod for Bracket - 500mm	each	**100.52**	*
8049	Anchor Wing Nut Ø100 mm	each	**55.84**	*
8050	Debit Pin - 250mm	each	**52.12**	*
8051	PVC Pipe Ø20mm - 150mm long	each	**4.65**	*
8052	PVC Cone	each	**4.65**	*
8053	Bolt+Nut - 16 x 80 mm	each	**27.92**	*
8054	Flat Washer Ø16, 3mm thik	each	**4.65**	*
8055	Bolt+Nut - 16 x 30 mm	each	**16.75**	*
8056	Door spacer 45x45x5-1135mm Long	each	**316.45**	*
8057	Door spacer 45x45x5 - 985mm long	each	**274.56**	*
8100	Powder coated M.S. Butt Hinges 100x58x1.9mm	10 Nos	**79.11**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8101	SS ball bearing of size 100 x89x3mm	each	**279.22**	*
8116	Zinc alloy (white powder coated) 3D Hinges for uPVC door	each	**423.48**	*
8117	Zinc alloy (white powder coated) handles with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key for uPVC casement door	each set	**1861.45**	*
8118	Zinc alloy (white powder coated) handles along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding window	each set	**884.19**	*
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	**1070.33**	*
8121	uPVC extruded (small series) casement window frame size 47x50mm	metre	**229.89**	*
8122	uPVC extruded (small series) casement window sash/window mullion size 47x68 mm	metre	**248.50**	*
8125	uPVC extruded glazing bead of appropriate dimension for small series casement window Sash	metre	**83.77**	*
8126	uPVC extruded (big series) casement window frame size 67x60 mm	metre	**333.20**	*
8127	uPVC extruded (big series) casement door frame size 67x64 mm	metre	**344.37**	*
8128	uPVC extruded (big series) casement window sash/window mullion/ door mullion size 67x80 mm	metre	**393.70**	*
8129	uPVC extruded (big series) casement door sash size 67x110 mm	metre	**511.90**	*
8130	uPVC extruded glazing bead of appropriate dimension for big series casement window/door sash	metre	**106.10**	*
8131	uPVC extruded glazing bead of appropriate dimension for small series sliding window sash	metre	**51.19**	*
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window/ door sash	metre	**76.32**	*
8133	uPVC extruded (small series) 2 track sliding window frame size 52x 44 mm	metre	**248.50**	*
8134	uPVC extruded (big series) 2 track sliding window/door frame size 67x 50mm	metre	**341.58**	*
8135	uPVC extruded (small series) 3 track sliding window frame size 92x 44 mm	metre	**335.06**	*
8136	uPVC extruded (big series) 3 track sliding window/door frame size 116x45mm	metre	**470.02**	*
8137	uPVC extruded (small series) 2 track sliding window sash/3 track sliding window sash size 32x60mm	metre	**233.61**	*
8138	uPVC extruded (big series) 2 track sliding window sash size 46x62mm	metre	**289.45**	*
8139	uPVC extruded (big series) 3 track sliding window sash size 46x62mm	metre	**289.45**	*
8140	uPVC extruded interlock of appropriate dimension for small series sliding window sash	metre	**69.80**	*
8141	uPVC extruded interlock of appropriate dimension for big series sliding window/ door sash	metre	**79.11**	*
8142	uPVC extruded inline adaptor of appropriate dimension for big series sliding window/door sash	metre	**79.11**	*
8143	uPVC extruded 2 track sliding door sash/ 3 track sliding door sash (big series) size 46x82mm	metre	**304.35**	*
8200	APP modified Polymeric felt 1.5 mm thick	sqm	**69.80**	*
8201	APP modified Polymeric felt 2.0 mm thick	sqm	**91.21**	*
8203	A P.P. modified 2 mm thick membrane reinforced with glass fibre matt.	sqm	**93.07**	*
8204	A.P.P. modified 3 mm thick membrane reinforced with glass fibre matt.	sqm	**186.14**	*
8205	A.P.P. modified 3 mm thick membrane reinforced with polyester matt.	sqm	**190.80**	*
8206	Bitumen primer for bitumat membrane.	litre	**83.77**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8207	Geotextile 120 gsm membrane	sqm	**41.88**	*
8210	Stainless Steel 50mm long Screws	100 Nos.	**241.99**	*
8211	Stainless Steel 40mm long Screws	100 Nos.	**193.59**	*
8212	Stainless Steel 30mm long Screws	100. Nos.	**167.53**	*
8214	Stainless Steel 20mm long Screws	100 Nos.	**111.69**	*
8215	Stainless Steel 125x64x1.90mm Butt Hinge IS: 12817 marked	10 Nos.	**232.68**	*
8216	Staialess Steel 100x58x1.90mm Butt Hinge IS : 12817 marked	10 Nos.	**214.07**	*
8217	Stainless Steel 75x47x1.80mm Butt Hinge IS : 12817 marked	10 Nos.	**139.61**	*
8218	Stainless Steel 50x37x1.50mm Butt Hinge IS: 12817 marked	10 Nos.	**120.99**	*
8219	Stainless Steel 125x64x2.50mm Butt Hinge IS: 12817 marked	10 Nos.	**307.14**	*
8220	Stainless Steel 100x60x2.50mm Butt Hinge IS:12817 marked	10 Nos.	**223.37**	*
8221	Stainless Steel 75x60x2.50mm Butt Hinge IS: 12817 marked	10 Nos.	**181.49**	*
8222	M. S. heavy weight butt hinges 125x90x4.00mm (heavy weight) IS: 1341 marked	10 Nos.	**186.14**	*
8223	M. S. heavy weight butt hinges 100x75x3.50mm (heavy weight) IS: 1341 marked	10 Nos.	**139.61**	*
8224	M.S. heavy weigh butt hinges 75x60x3.10mm (heavy weight) IS: 1341 marked	10 Nos.	**83.77**	*
8225	M.S. heavy weight butt hinges 50x40x2.50mm (heavy weight) IS: 1341 marked	10 Nos.	**69.80**	*
8226	Concealed zinc coated hinges 19-20 mm thick with mounting plate	10 Nos.	**372.29**	*
8300	1216 mm PE-AL-PE Composite pressure pipe	metre	**57.70**	*
8301	1620 mm PE-AL-PE Composite pressure pipe	metre	**72.60**	*
8302	2025 mm PE-AL-PE Composite pressure pipe	metre	**102.38**	*
8303	2532 mm PE-AL-PE Composite pressure pipe	metre	**146.12**	*
8304	3240 mm PE-AL-PE Composite pressure pipe	metre	**218.72**	*
8305	4050 mm PE-AL-PE Composite pressure pipe	metre	**307.14**	*
8500	Water for jetting / blowback	1000 litre	**1396.09**	*
8501	Polymer modified cementation coating	kilogram	**130.30**	*
8502	Fibre glass cloth	sqm	**40.95**	*
8503	Fibre glass cloth	sqm	**45.46**	****
8504	Multi surface paint	litre	**219.58**	*
8505	Acralyc exterior paint	litre	**146.39**	*
8506	Premium Acralyc exterior paint	litre	**174.80**	*
8507	Textured exterior paint	litre	**198.05**	*
8508	Primer for cement paint	litre	**65.15**	*
8509	Special Primer (C.W.)	litre	**130.30**	*
8510	Metal Primer (U.G.)	litre	**83.77**	*
8511	Fibre reinforced elastomeric liquid water proofing membrane	litre	**184.93**	*
8512	Cementitious water proofing coating with elastic polymers	kg	**176.03**	*
8513	Acrylic modified resin based texture	kg	**45.50**	*
8514	40 mm long S.S screws with plastic rawl plugs	each	**35.37**	*
8515	Galavanised MS 8 mm outer diameter M-6 dash fastener 50mm long	each	**0.93**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8552	Mineral fibre beveled tegular edged ceiling tiles 595 x595mm,16 mm thick	sqm	**731.55**	*
8553	Mineral fibre beveled tegular edged ceiling tiles 595 x595mm,16 mm thick with bio-block conforming to ISO 5 (class 100) specifications.	sqm	**797.63**	*
8554	Mineral fiber beveled tegular edged ceiling tiles 595 x595mm,20 mm thick.	sqm	**921.42**	*
8555	G.I main runner 15 x32 mm of 3000 mm length, 0.33 mm thick	each	**164.74**	*
8556	G.I cross-T 15 x32 mm of 1200 mm length, 0.33 mm thick	each	**67.94**	*
8558	G.I hanger rod 6mm dia fully threaded upto 1000 mm length	each	**23.27**	*
8559	Stainless steel U Channel of size (50x25x2mm)	metre	**139.61**	*
8560	Non staining water resistant clear silicon	metre	**56.77**	*
8561	Extruded polystyrene rigid insulation board 50 mm thick	sqm	**465.36**	*
8563	15 mm thick, light weight, integral densified micro look edged,false ceiling tiles of size 595x595 mm.	sqm	**837.65**	*
8564	15 mm thick, light weight,fully perforated square/butt edge integral densified,false ceiling tiles of size 595x595 mm.	sqm	**805.08**	*
8565	Galavanised MS hanger rod 6 mm dia MS fully threaded up to 1000 mm length	each	**23.27**	*
8566	Powder coated steel section main-T ceiling sections 15x42x0.40 mm (3000 mm long)	each	**209.41**	*
8567	Galvanized mild steel perimeter wall angle 22x19x0.40 mm (3000 mm long)	each	**102.38**	*
8568	Powder coated Galvanised Iron intermediate cross-T section 15x42x0.40 mm (1200 mm long)	each	**83.77**	*
8569	Powder coated Galvanized Iron intermediate cross-T section 15x42x0.40mm (600 mm long)	each	**41.88**	*
8576	Crates made of Mesh type 10x12 (D=100 mm) Zinc coated. (Mesh wire diameter 3.00 mm).	sqm	**176.84**	*
8577	Crates made of Mesh type 10x12 (D=100 mm) Zn+PVC coated. Mesh wire diameter 2.70/3.70 mm (ID/OD).	sqm	**204.76**	*
8578	Crates made of Mesh type 10x12 (D=100 mm) Zn+10% Al alloy + PVC coated. Mesh wire diameter 2.70/3.70 mm (ID/OD).	sqm	**269.91**	*
8579	Cold form light gauge Steel C-section of thickness 0.75mm i/c zink coating/sliting etc.	kg	**117.27**	*
8580	Wastage of cold form light gauge steel	kg	**15.82**	*
8581	12 mm thick micro tegular edged semi perforated GRG (Glass Fibre Reinforced Gypsum) false celing tiles of Size 595x595 mm	sqm	**580.77**	*
8582	12 mm thick micro tegular edged fully perforated GRG (Glass Fibre Reinforced Gypsum) false celing tiles of Size 595x595 mm	sqm	**657.09**	*
8583	10 mm thick square edge fully perforated GRG(Glass Fibre Reinforced Gypsum) false celing tiles of Size 595x595 mm	sqm	**657.09**	*
8587	Galvanized iron intermediate cross-T section 15x32x0.33 mm (600 mm long)	each	**31.64**	*
8588	Galavanised MS hanger rod 6mm dia MS fully threaded up to 1000 mm length	each	**23.27**	*
8589	Calcium Silicate tegular edged celling tiles 595x595 mm and 15mm thick	sqm	**800.42**	*
8590	Galvanised Steel main Tee ceiling section Size 24x38x0.33 mm(3 metre long)	each	**105.17**	*
8591	Galvanised Steel perimeter wall Angle Size 24 x 24 x 0.40 mm (3.00 metre long)	each	**58.64**	*
8592	Galvanised Steel intermediate cross T section Size 24 x 25 x0.33 mm (1.2 metre long)	each	**35.37**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8593	Galvanised Steel intermediate cross T section Size 24 x 25 x0.33 mm (0.6 metre long)	each	**17.68**	*
8594	Galvanised Steel soffit cleat size 25x35x1.60 mm	each	**3.72**	*
8595	Wooden screws with plastic rawl plugs 35x8 mm	each	**0.93**	*
8596	Galvanised MS 8mm outer diameter M-6 dash fastener 25mm long	each	**28.85**	
8597	GI Metal Tile Clip in Plain Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick	sqm	**604.97**	*
8598	GI Metal Tile Clip in Perforated Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick	sqm	**755.75**	*
8599	GI Metal Tile Lay-in Plain Tegular edge global white color tiles of Size 595x595 mm and 0.5 mm thick	sqm	**474.67**	*
8600	GI Metal Tile Lay-in Perforated Tegular edge global white color tiles of Size 595x595 mm and 0.5 mm thick	sqm	**567.74**	*
8601	PVC Laminated Gypsum Tiles (Square edge) of Size 595x595 mm and 12.5 mm thick	sqm	**437.44**	*
8602	Gypsum Tiles Fully Perforated Square edge of Size 595x595 mm and 12.5 mm thick	sqm	**446.75**	*
8604	Spring T-section 24x34x0.45 mm (3.00 meter long)	metre	**167.53**	*
8605	C Wall angle section 20x30x20x0.50 mm (3.00 meter long)	metre	**83.77**	*
8606	Main C Carrier Size 10x38x10x0.70 mm (3.00 meter long)	metre	**102.38**	*
8607	Spring T-connector	each	**4.65**	*
8608	C Carrier Connector	each	**10.24**	*
8609	C Suspension Clip	each	**7.45**	*
8610	Wire Coupling Clip	each	**8.38**	*
8611	Main T ceiling sections 24x38x0.3 mm (3 meter long)	each	**94.00**	*
8612	Perimeter Wall angle 21 x21 mm (3 meter long)	each	**69.80**	*
8613	Intermediate Cross Channel (1.2 mtrs)	each	**31.64**	*
8614	Intermediate Cross Channel (1.6 mtrs)	each	**15.82**	*
8615	Hanger rod 0.5 mm thick	each	**7.45**	*
8616	Adjustment clip	each	**4.65**	*
8617	Soffit Cleat	each	**3.72**	*
8618	Dash fastener 6 mm dia 50 mm long	each	**7.45**	*
8619	Galavanised MS L-shape level adjuster of size 85x25x2 mm	each	**13.03**	*
8620	Vitrified floor tiles 50x50 cm	sqm	**456.05**	*
8621	Vitrified floor tiles 60x60 cm	sqm	**558.43**	*
8622	Vitrified floor tiles 80x80 cm	sqm	**791.11**	*
8623	Vitrified floor tiles 1 00x1 00 cm	sqm	**1293.71**	*
8624	"Border tiles 200x75mm size	each	**14.89**	
8625	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 16 mm Outer dia	metre	**35.82**	****
8626	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 20mm Outer dia	metre	**55.18**	****
8627	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 25mm Outer dia	metre	**85.20**	****
8628	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 32mm Outer dia	metre	**137.48**	****
8629	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 40mm Outer dia	metre	**206.21**	****

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8630	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 50mm Outer dia	metre	**322.39**	****
8631	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 63mm Outer dia	metre	**496.66**	****
8632	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 - 75mm Outer dia	metre	**677.71**	****
8633	Poly propylene- Random - Co - Polymer (PPR) pipes SDR 7.4 -90mm Outer dia	metre	**1032.05**	****
8634	Poly propylene- Random - Co - Polymer (PPR) pipes SDR -11-110 mm Outer dia	metre	**1161.78**	****
8635	Poly propylene- Random - Co - Polymer (PPR) pipes SDR-11 -160mm Outer dia	metre	**2420.36**	****
8636	Chlorinated Polyvinyl - chloride (CPVC) pipe 15 mm outer dia	metre	**32.58**	*
8637	Chlorinated Polyvinyl - chloride (CPVC) pipe 20 mm outer dia	metre	**50.26**	*
8638	Chlorinated Polyvinyl - chloride (CPVC) pipe 25 mm outer dia	metre	**72.60**	*
8639	Chlorinated Polyvinyl - chloride (CPVC) pipe 32 mm outer dia	metre	**108.89**	*
8640	Chlorinated Polyvinyl - chloride (CPVC) pipe 40 mm outer dia	metre	**148.92**	*
8641	Chlorinated Polyvinyl - chloride (CPVC) pipe 50 mm outer dia	metre	**249.43**	*
8642	Chlorinated Polyvinyl - chloride (CPVC) pipe 62.5 mm inner dia	metre	**605.90**	*
8643	Chlorinated Polyvinyl - chloride (CPVC) pipe 75 mm inner dia	metre	**679.43**	*
8644	Chlorinated Polyvinyl - chloride (CPVC) pipe 100 mm inner dia	metre	**916.76**	*
8645	Chlorinated Polyvinyl - chloride (CPVC) pipe 150 mm inner dia	metre	**1360.72**	*
8646	Silicon sealant	cartridge	**93.07**	*
8647	Stainless steel screws 30mmx4mm	cent	**29.78**	*
8648	Hermetically sealed double glazed unit made with 6mm thick clear float glass both side having 12 mm air gap	sqm	**1961.96**	*
8649	Stainless steel (ss 304 grade) adjustable friction windows stay 205x19mm	each	**157.29**	*
8650	Stainless steel (ss 304 grade) adjustable friction window stay 255x19mm	each	**203.83**	*
8651	Stainless steel (ss 304 grade) adjustable friction window stay 355x19mm	each	**177.77**	*
8652	Stainless steel (ss 304 grade) adjustable friction window stay 510x19mm	each	**479.32**	*
8653	Stainless steel (ss 304 grade) adjustable friction window stay 710x19mm	each	**827.41**	*
8654	Masking tape	metre	**2.14**	*
8655	Autoclaved aerated cement (AAC) blocks.	cum	**2101.20**	**
8656	Gypsum panel 666x500x100 mm size	sqm	**446.75**	*
8657	Bonding laster for gypsum panel.	kg	**19.55**	*
8658	Mechanised autoclaved fly ash lime bricks.	1000 nos	**4434.53**	****
8659	Water proof ply 12 mm thick.	sqm	**481.18**	*
8660	Aluminium casement window fastener(anodised ac 15)	each	**37.23**	*
8661	A'uminium casement window fastener(powder coated).	each	**40.02**	*
8662	Aluminium casement window fastener (polyester powder coated).	each	**39.09**	*
8663	Aluminium round shpe handle (anodised ac" 15)	each	**45.61**	*
8664	Aluminium round shpe handle (powder coated)	each	**50.26**	*
8665	Aluminium round shape handle (polyester powder coated).	each	**54.91**	*
8666	Stainless steei ocrews 25mmx4mm	cent	**32.58**	*
8667	UV-stabilised 2 mm thick plain frp sheet.	sqm	**437.44**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8668	UV stabilised 2 mm thick corrugated frp sheet.	sqm	**502.59**	*
8669	Mangalore ridgetiles 20 mm thick	each	**7.45**	*
8670	Mangalore tiles 20 mm thick.	each	**7.45**	*
8671	Precoated galvanised iron profile sheet 0.50 mm TCT	sqm	**349.02**	*
8672	Precoated galvanised steel plain ridges 0.50 mm TCT and 500 -600 mm wide Precoated galvanised steel plain ridges 0.50 mm TCT and 500 -600 mm wide	metre	**214.07**	*
8673	Precoated galvanised steel flashings/aprons.	metre	**214.07**	*
8674	Precoated galvanised steel gutter	metre	**423.48**	*
8675	Precoated galvanised steel north light curves.	metre	**232.68**	*
8676	Precoated galvanised steel barge board	metre	**218.72**	*
8677	Precoated galvanised steel crimp curve	sqm	**232.68**	*
8678	1 mm thick 35 mm wide bright finished stainless steel paino hinges.	metre	**37.23**	*
8682	Epoxy Grout	kg	**345.30**	*
8683	Red sand stone gang saw cut 30 mm thick.	sqm	**325.75**	*
8684	White sand stone gang saw cut 30 mm thick.	sqm	**372.29**	*
8685	Delineator	each	**255.95**	*
8686	Precast c.c. kerb stone M-25	cum	**3536.75**	*
8687	Thermoplastic paint	kg	**40.47**	*
8688	glass beads	kg	**55.84**	*
8689	Interlocing c.c. paverblock (60 mm thick, m-30)	sqm	**325.75**	*
8690	High intensity retro-reflective sheet.	sqm	**1419.35**	*
8691	Punched tape concertina coil 600 m dia. 10m openable length (total length 90 m)	bundle	**628.24**	*
8692	RBT reinforced barbed wire.	metre	**6.52**	*
8693	Turn buckle and strengthening bolte	each set	**37.23**	*
8694	Precast pavement slab 450x450x50 mm (m-30).	each	**65.15**	*
8695	Chain link fabric fencing mesh of size 50x50xmm made of G.I wire of dia. 4mm, pvc coated to outer dia. 5mm.	sqm	**240.13**	*
8696	Chain lind fabric fencing mesh of size 25x25xmm made of G.I wireof dia. 3 mm.	sqm	**265.26**	*
8697	Chain link fencing mesh of size 25x25 mm made of g.i. wire of dia. 3 mm.	sqm	**316.45**	*
8698	Stainless steei cramps with nuts, bolts and washer for dry stone cladding.	each	**83.77**	*
8699	8 mm thick tapered edge calcium silicated board.	sqm	**232.68**	*
8700	10 mm thick calcium silicate board.	sqm	**372.29**	*
8701	SS pipe 304 grades with press fit technology as per JIS 3448 standard 48.60 mm outer dia	metre	**543.54**	*
8702	Coupling/Socket fittings for 15.88 mm outer dia SS pipe	each	**39.09**	*
8703	Telescopic drawer channels 300 mm long.	set	**139.61**	*
8704	Stainless steel roller for sliding arrangement in racks/cupboards/cabinets shutter.	each	**8.38**	*
8705	50 mm x42mm x2 mm thick factory made door frame of pvc extruded sections in whiter, grey or wooden finish	metre	**139.61**	*
8706	25mm thick factory made pvc flush door shutter i/c carriage.	sqm	**1582.23**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8707	Factory made glass reinforced plastic door frame 90x45 mm i/c carriage.	metre	**307.14**	*
8708	30 mm thick factory made glass fiber reinforced plastic panel door shutter i/c carriage.	sqm	**1582.23**	*
8709	30 mm thick factory made solid PVC profile panelled door single piece extruded profile decorative finish (wood grain printed on both side)	sqm	**1954.52**	*
8710	Factory made solid PVC door frame 60x30xmm i/c cariage.	metre	**279.22**	*
8711	28 mm factory made solid pvc panel door shutter i/c carriage.	sqm	**1907.98**	*
8712	30 mm thick factory made solid PVC profile panelled door single piece extruded profile non decorative finish	sqm	**1861.45**	*
8713	Fiber glass reinforced plastic chajja.	sqm	**2792.17**	*
8714	Magnetic catcher triple strip horizontal type.	each	**18.61**	*
8715	Magnetic catcher double strip horizontal type. ,	each	**13.03**	*
8716	100 mm mortice lock with 6 levers for aluminium door.	each	**316.45**	*
8717	12.5 mm thick glass fibre reinforced gypsum board.	sqm	**181.49**	*
8719	2nd class teak wood lipping/moulded beading or taj beading of size,18x5mm	metre	**32.58**	*
8720	Ceilling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm.	metre	**32.58**	*
8721	Perimeter channel having one flange of 20 mm and anotherflange of 30 mm with thickness of 0.55 mm and web of length 27 mm.	metre	**20.48**	*
8722	Nylon sleeves & wooden screws (40mm)	each	**1.86**	*
8723	Counter sunk ribbed head screw 25 mm.	cent	**60.50**	*
8724	12 mm thick marine plywood conforming to is: 710	sqm	**620.79**	*
8725	12 mm thick fire retardant plywood conforming to is:5509.	sqm	**744.58**	*
8726	1.5 mm thick decorative laminated sheet	sqm	**465.36**	*
8727	1.0 mm thick decorative laminated sheet	sqm	**232.68**	*
8730	30 mm thick factory made glass fibre reinforced plasitc flush door shutter i/c carriage.	sqm	**1861.45**	*
8731	High polymer modified quickset tile adhesive.	per kg	**8.38**	*
8732	Synthetic ployster triangular fibre of length 12 mm, effective diameter 10-40 microns and specific gravity of 1:34 to 1:40	kg	**339.71**	*
8733	Synthetic ployster triangular fibre of length 6 mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40	kg	**372.29**	*
8734	P.V.C. Single piece extruded door frame of profile size 50 mm x 47 mm with wall thickness of 5 mm	metre	**229.89**	*
8735	35 mm thick factory made solid panel PVC door shutter of single piece extruded profile non decorative finished (Matt finished)	sqm	**2001.06**	*
8736	35 mm thick factory made solid panel PVC door shutter of singlepiece extruded profile decorative finished (Wood grain finished)	sqm	**2419.88**	*
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	**604.97**	*
8738	Factory made door frame fire rated (60 minutes) made with 16 SWG G.I. Sheet of section 143 mm x 57 mm duly filled with vermuculite based concrete mix	metre	**977.26**	*
8739	Fire rated door shuttere made with 16 SWG G.I. sheet (60 minutes) without panel	sqm	**4188.26**	*
8740	Fire seal Putty	kg	**260.60**	*
8741	Clear fire resistant glass panes 6mm thick (60 minutes)	sqm	**20010.55**	*
8742	G.I. U beading of 16 SWG G.I. sheet (zinc coating >120gm/m2) with ceramic tape of suitable thickness and fire resistant primer coating	metre	**260.60**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8743	Matrix Mineral Board	metre	**60.50**	*
8744	Panic Bar / latch (Double point)	each	**4839.76**	*
8745	65 mm x 55 mm x 2 mm thick Factory made door frame of PVCextruded section in white,grey or wooden finish	metre	**316.45**	*
8746	37 mm thick Factory made shutter with style,rails and panels of PVCextruded section in white or grey finish i/c carriage	sqm	**2233.74**	*
8747	75 mm x 53 mm x 2.0 mm thick Factory made door frame of PVCextruded section in white,grey or wooden finish	metre	**353.67**	*
8748	37 mm thick Factory made fusion welded shutter with style, rails and panels of PVC extruded section in wooden finish	sqm	**2419.88**	*
8750	Zinc alloy (white powder coated) casement handle for uPVC windows	each	**113.55**	*
8751	Zinc alloy (white powder coated) Touch Lock for UPVC windows	each	**93.07**	*
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	**51.19**	*
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding door/window	each	**83.77**	*
8754	Zinc alloy (white powder coated) casement lock for UPVC windows	each	**102.38**	*
8755	Stainless steel friction hinge of size 200 mm x 19 x 1.9 mm for UPVC windows	each	**181.49**	*
8756	Stainless steel friction hinge of size 250 mm x 19 x 1.9 mm for UPVC windows	each	**204.76**	*
8757	Stainless steel friction hinge of size3000 mm x 19 x 1.9 mm for UPVC windows	each	**218.72**	*
8758	Stainless steel friction hinge of size350mm x 19 x 1.9 mm for UPVC windows	each	**297.83**	*
8759	Stainless steel friction hinge of size 400 mm x 19 x 1.9 mm for UPVC windows	each	**325.75**	*
8760	UPVC extruded profile casement window Frame (50 mm x 50 mm)	metre	**159.75**	****
8761	UPVC extruded profile casement window sash (Style and Rail) (62 mm x34 mm)	metre	**145.22**	****
8762	UPVC extruded profile casement window mullion (intermediate section)(66 mm x 50 mm)	metre	**179.10**	****
8763	UPVC extruded profile casement window 'T' profile (one vertical lengthin between two shutters) (24 mm x 34.5 mm)	metre	**48.41**	****
8764	UPVC extruded profile casement window glazing bead (12 mm x 18mm)	metre	**48.41**	****
8765	UPVC extruded profile casement window Frame (67 mm x 62 mm)	metre	**227.52**	****
8766	UPVC extruded profile casement Window Sash/Mullion (67 mm x 75mm) (Style,rail and intermediate section)	metre	**256.55**	****
8767	UPVC extruded profile casement window glazing bead (35 mm x 18mm)	metre	**82.29**	****
8768	UPVC extruded profile Two Track Sliding frame (67 mm x 52 mm)	metre	**237.19**	****
8769	UPVC extruded profile Sliding window Sash (60 mm x 44 mm)	metre	**222.68**	****
8770	UPVC extruded profile Sliding Interlock for Window (one vertical lengthin each shutter) (45.5 mm x 28 mm)	metre	**48.41**	****
8771	UPVC extruded profile Sliding Door Sash (80 mm x 44 mm)	metre	**280.76**	****
8772	Aluminium Track on bottom rail for uPVC window	metre	**26.06**	*
8773	Wool Pine for uPVC window	metre	**18.61**	*
8774	Aluminium Grill	metre	**232.68**	*
8775	Steel Galvanised tubular reinforcement for uPVC door/ window	metre	**55.84**	*
8776	Stainless steel dash fastener of 8 mm dia and 75 mm long bolt	each	**13.03**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8777	GI Fastener 100x8 mm	each	**13.96**	
8778	Toughened glass 12 mm thickness	sqm	**1625.97**	*
8779	SS pipe 304 grades with press fit technology as per JIS 3448 standard 15.88 mm outer dia	metre	**132.16**	*
8780	SS pipe 304 grades with press fit technology as per JIS 3448 standard 22.22 mm outer dia	metre	**236.40**	*
8781	SS pipe 304 grades with press fit technology as per JIS 3448 standard 28.58 mm outer dia	metre	**301.55**	*
8782	SS pipe 304 grades with press fit technology as per JIS 3448 standard 34.00 mm outer dia	metre	**429.99**	*
8783	SS pipe 304 grades with press fit technology as per JIS 3448 standard 42.70 mm outer dia	metre	**445.82**	*
8784	8 mm thick Calcium silicate perforated tiles of size 595 x595 mm	sqm	**642.20**	*
8785	Interlocking C.C. paver block (80 mm thick, M-30)	sqm	**344.37**	*
8786	Coupling/Socket fittings for 22.22 mm outer dia SS pipe	each	**58.64**	*
8787	Coupling/Socket fittings for 28.58 mm outer dia SS pipe	each	**82.83**	*
8788	Coupling/Socket fittings for 34.00 mm outer dia SS pipe	each	**121.92**	*
8789	Coupling/Socket fittings for 42.70 mm outer dia SS pipe	each	**147.05**	*
8790	Coupling/Socket fittings for 48.60 mm outer dia SS pipe	each	**167.53**	*
8791	Reducer for 22.22 mm X 15.88 mm outer Dia SS pipe	each	**95.86**	*
8792	Reducer for 28.58 mm X 15.88 mm outer Dia SS pipe	each	**131.23**	*
8793	Reducer for 28.58 mm X 22.22 mm outer Dia SS pipe	each	**134.95**	*
8794	Reducer for 34.00 mm X 15.88 mm outer Dia SS pipe	each	**171.25**	*
8795	Reducer for 34.00 mm X 22.22 mm outer Dia SS pipe	each	**174.05**	*
8796	Reducer for 34.00 mm X 28.58 mm outer Dia SS pipe	each	**176.84**	*
8797	Reducer for 42.70 mm X 15.88 mm outer Dia SS pipe	each	**334.13**	*
8798	Reducer for 42.70 mm X 22.22 mm outer Dia SS pipe	each	**336.92**	*
8799	Reducer for 42.70 mm X 28.58 mm outer Dia SS pipe	each	**336.92**	*
8800	Reducer for 42.70 mm X 34.00 mm outer Dia SS pipe	each	**360.19**	*
8801	Reducer for 48.60 mm X 15.88 mm outer Dia SS pipe	each	**381.60**	*
8802	Reducer for 48.60 mm X 22.22 mm outer Dia SS pipe	each	**381.60**	*
8803	Reducer for 48.60 mm X 28.58 mm outer Dia SS pipe	each	**381.60**	*
8804	Reducer for 48.60 mm X 34.00 mm outer Dia SS pipe	each	**381.60**	*
8805	Reducer for48.60 mm X 42.70 mm outer Dia SS pipe	each	**381.60**	*
8806	Slip Coupling / Socket 15.88 mm outer dia SS pipe	each	**43.74**	*
8807	Slip Coupling / Socket 22.22 mm outer dia SS pipe	each	**58.64**	*
8808	Slip Coupling / Socket 28.58 mm outer dia SS pipe	each	**82.83**	*
8809	Slip Coupling / Socket 34.00 mm outer dia SS pipe	each	**121.92**	*
8810	Slip Coupling / Socket 42.70 mm outer dia SS pipe	each	**147.05**	*
8811	Slip Coupling / Socket 48.60 mm outer dia SS pipe	each	**158.22**	*
8812	Elbow 90o for 15.88 mm outer dia SS pipe	each	**53.98**	*
8813	Elbow 90o for 22.22 mm outer dia SS pipe	each	**58.64**	*
8814	Elbow 90o for 28.58 mm outer dia SS pipe	each	**89.35**	*
8815	Elbow 90o for 34.00 mm outer dia SS pipe	each	**101.45**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8816	Elbow 90o for 42.70 mm outer dia SS pipe	each	**107.96**	*
8817	Elbow 90o for 48.60 mm outer dia SS pipe	each	**139.61**	*
8818	Reducing Elbow 90o for 22.22 mm X 15.88 mm outer dia SS pipe	each	**137.75**	*
8819	Reducing Elbow 90o for 28.58 mm X 15.88 mm outer dia SS pipe	each	**177.77**	*
8820	Reducing Elbow 90o for 28.58 mm X 22.22 mm outer dia SS pipe	each	**205.69**	*
8821	Reducing Elbow 90o for 34.00 mm X 22.22 mm outer dia SS pipe	each	**267.12**	*
8822	Reducing Elbow 90o for 34.00 mm X 28.58 mm outer dia SS pipe	each	**368.57**	*
8823	Reducing Elbow 90o for 42.70 mm X 34.00 mm outer dia SS pipe	each	**166.60**	*
8824	Equal Tee for 15.88 mm outer dia SS pipe	each	**147.99**	*
8825	Equal Tee for 22.22 mm outer dia SS pipe	each	**215.00**	*
8826	Equal Tee for 28.58 mm outer dia SS pipe	each	**254.09**	*
8827	Equal Tee for 34.00 mm outer dia SS pipe	each	**406.73**	*
8828	Equal Tee for 42.70 mm outer dia SS pipe	each	**635.68**	*
8829	Equal Tee for 48.60 mm outer dia SS pipe	each	**825.55**	*
8830	Reducing Tee for 22.22 mm X 15.88 mm outer dia SS pipe	each	**166.60**	*
8831	Reducing Tee for 28.58 mm X 15.88 mm outer dia SS pipe	each	**254.09**	*
8832	Reducing Tee for 28.58 mm X 22.22 mm outer dia SS pipe	each	**254.09**	*
8833	Reducing Tee for 34.00 mm X 15.88 mm outer dia SS pipe	each	**406.73**	*
8834	Reducing Tee for 34.00 mm X 22.22 mm outer dia SS pipe	each	**406.73**	*
8835	Reducing Tee for 34.00 mm X 28.58 mm outer dia SS pipe	each	**406.73**	*
8836	Reducing Tee for 42.70 mm X 15.88 mm outer dia SS pipe	each	**635.68**	*
8837	Reducing Tee for 42.70 mm X 22.22 mm outer dia SS pipe	each	**635.68**	*
8838	Reducing Tee for 42.70 mm X 28.58 mm outer dia SS pipe	each	**635.68**	*
8839	Reducing Tee for 42.70 mm X 34.00 mm outer dia SS pipe	each	**635.68**	*
8840	Reducing Tee for 48.60 mm X 15.88 mm outer dia SS pipe	each	**825.55**	*
8841	Reducing Tee for 48.60 mm X 22.22 mm outer dia SS pipe	each	**825.55**	*
8842	Reducing Tee for 48.60 mm X 28.58 mm outer dia SS pipe	each	**825.55**	*
8843	Reducing Tee for 48.60mm X 34.00 mm outer dia SS pipe	each	**825.55**	*
8844	Reducing Tee for 48.60mm X 42.70mm outer dia SS pipe	each	**825.55**	*
8845	Male thread Tee for 15.88 mm outer dia X 15 mm nominal dia threaded	each	**166.60**	*
8846	Male thread Tee for 22.22 mm outer dia X 15 mm nominal dia threaded	each	**186.14**	*
8847	Male thread Tee for 22.22 mm outer dia X 20 mm nominal dia threaded	each	**190.80**	*
8848	Male thread Tee for 28.58 mm outer dia X 15 mm nominal dia threaded	each	**254.09**	*
8849	Male thread Tee for 28.58 mm outer dia X 20 mm nominal dia threaded	each	**254.09**	*
8850	Male thread Tee for 28.58 mm outer dia X 20 mm nominal dia threaded	each	**254.09**	*
8851	Male thread Tee for 34.00 mm outer dia X 15 mm nominal dia	each	**406.73**	*
8852	Male thread Tee for 34.00 mm outer dia X 20 mm nominal dia threaded	each	**406.73**	*
8853	Male thread Tee for 34.00 mm outer dia X 25 mm nominal dia threaded	each	**406.73**	*
8854	Male thread Tee for 34.00 mm outer dia X 32 mm nominal dia threaded	each	**406.73**	*
8855	Male thread Tee for 42.70 mm outer dia X 15 mm nominal dia threaded	each	**635.68**	*
8856	Male thread Tee for 42.70 mm outer dia X 20 mm nominal dia threaded	each	**635.68**	*
8857	Male thread Tee for 42.70 mm outer dia X 25 mm nominal dia threaded	each	**635.68**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8858	Male thread Tee for 42.70 mm outer dia X 32 mm nominal dia threaded	each	**635.68**	*
8859	Male thread Tee for 42.70 mm outer dia X 40 mm nominal dia threaded	each	**635.68**	*
8860	Male thread Tee for 48.60 mm outer dia X 15 mm nominal dia threaded	each	**825.55**	*
8861	Male thread Tee for 48.60 mm outer dia X 20 mm nominal dia threaded	each	**825.55**	*
8862	Male thread Tee for 48.60 mm outer dia X 25 mm nominal dia threaded	each	**825.55**	*
8863	Male thread Tee for 48.60 mm outer dia X 32 mm nominal dia threaded	each	**825.55**	*
8864	Male thread Tee for 48.60 mm outer dia X 40 mm nominal dia threaded	each	**825.55**	*
8865	Male thread Tee for 48.60 mm outer dia X 50 mm nominal dia threaded	each	**825.55**	*
8866	Female thread Tee for 15.88 mm outer dia X 15 mm nominal dia threaded	each	**166.60**	*
8867	Female thread Tee for 22.22 mm outer dia X 15 mm nominal dia	each	**186.14**	*
8868	Female thread Tee for 22.22 mm outer dia X 20 mm nominal dia threaded	each	**186.14**	*
8869	Female thread Tee for 28.58 mm outer dia X 15 mm nominal dia threaded	each	**254.09**	*
8870	Female thread Tee for 28.58 mm outer dia X 20 mm nominal dia threaded	each	**254.09**	*
8871	Female thread Tee for 28.58 mm outer dia X 25 mm nominal dia threaded	each	**254.09**	*
8872	Female thread Tee for 34.00 mm outer dia X 15 mm nominal dia threaded	each	**406.73**	*
8873	Female thread Tee for 34.00 mm outer dia X 20 mm nominal dia threaded	each	**406.73**	*
8874	Female thread Tee for 34.00 mm outer dia X 25 mm nominal dia threaded	each	**406.73**	*
8875	Female thread Tee for 34.00 mm outer dia X 32 mm nominal dia threaded	each	**406.73**	*
8876	Female thread Tee for 42.70 mm outer dia X 15 mm nominal dia threaded	each	**635.68**	*
8877	Female thread Tee for 42.70 mm outer dia X 20 mm nominal dia threaded	each	**635.68**	*
8878	Female thread Tee for 42.70 mm outer dia X 25 mm nominal dia threaded	each	**635.68**	*
8879	Female thread Tee for 42.70 mm outer dia X 32 mm nominal dia threaded	each	**635.68**	*
8880	Female thread Tee for 42.70 mm outer dia X 40 mm nominal dia threaded	each	**635.68**	*
8881	Female thread Tee for 48.60 mm outer dia X 15 mm nominal dia threaded	each	**825.55**	*
8882	Female thread Tee for 48.60 mm outer dia X 20 mm nominal dia threaded	each	**825.55**	*
8883	Female thread Tee for 48.60 mm outer dia X 25 mm nominal dia threaded	each	**825.55**	*
8884	Female thread Tee for 48.60 mm outer dia X 32 mm nominal dia threaded	each	**825.55**	*
8885	Female thread Tee for 48.60 mm outer dia X 40 mm nominal dia threaded	each	**825.55**	*
8886	Female thread Tee for 48.60 mm outer dia X 50 mm nominal dia threaded	each	**825.55**	*
8887	Female threaded Connector/Adapter for 15.88 mm outer dia X 15mm nominal threaded	each	**176.84**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8888	Female threaded Connector/Adapter for 22.22 mm outer dia X 15mm nominal threaded	each	**214.07**	*
8889	Female threaded Connector/Adapter for 22.22 mm outer dia X 20mm nominal threaded	each	**220.58**	*
8890	Female threaded Connector/Adapter for 28.58 mm outer dia X 15mm nominal threaded	each	**257.81**	*
8891	Female threaded Connector/Adapter for 28.58 mm outer dia X 20mm nominal threaded	each	**266.19**	*
8892	Female threaded Connector/Adapter for 28.58 mm outer dia X 25mm nominal threaded	each	**313.65**	*
8893	Female threaded Connector/Adapter for 34.00 mm outer dia X 25mm nominal threaded	each	**380.67**	*
8894	Female threaded Connector/Adapter for 34.00 mm outer dia X 32mm nominal threaded	each	**500.73**	*
8895	Female threaded Connector/Adapter for 42.70 mm outer dia X 32mm nominal threaded	each	**536.10**	*
8896	Female threaded Connector/Adapter for 42.70 mm outer dia X 40mm nominal threaded	each	**633.82**	*
8897	Female threaded Connector/Adapter for 48.60 mm outer dia X 40mm nominal threaded	each	**779.95**	*
8898	Female threaded Connector/Adapter for 48.60 mm outer dia X 50mm nominal threaded	each	**898.15**	*
8899	Male threaded Connector/Adapter for 15.88 mm outer dia X 15mm nominal threaded	each	**179.63**	*
8900	Male threaded Connector/Adapter for 22.22 mm outer dia X 15mm nominal threaded	each	**211.27**	*
8901	Male threaded Connector/Adapter for 22.22 mm outer dia X 20mm nominal threaded	each	**230.82**	*
8902	Male threaded Connector/Adapter for 28.58 mm outer dia X 20mm nominal threaded	each	**291.32**	*
8903	Male threaded Connector/Adapter for 28.58 mm outer dia X 25mm nominal threaded	each	**297.83**	*
8904	Male threaded Connector/Adapter for 34.00 mm outer dia X 25nominal dia threaded	each	**429.06**	*
8905	Male threaded Connector/Adapter for 34.00 mm outer dia X 32nominal dia threaded	each	**525.86**	*
8906	Male threaded Connector/Adapter for 42.70 mm outer dia X 32nominal dia threaded	each	**604.04**	*
8907	Male threaded Connector/Adapter for 42.70 mm outer dia X 40 nominal dia threaded	each	**675.71**	*
8908	Male threaded Connector/Adapter for 48.60 mm outer dia X 40	each	**781.81**	*
8909	Male threaded Connector/Adapter for 48.60 mm outer dia X 50 nominal dia threaded	each	**1059.16**	*
8910	Valve Connector for 15.88 mm outer dia X 15 mm nominal dia nominal dia threaded	each	**217.79**	*
8911	Valve Connector for 22.22 mm outer dia X 15 mm nominal dia nominal dia threaded	each	**256.88**	*
8912	Valve Connector for 22.22 mm outer dia X 20 mm nominal dia nominal dia threaded	each	**274.56**	*
8913	Valve Connector for 28.58 mm outer dia X 25 mm nominal dia nominal dia threaded	each	**394.63**	*
8914	Valve Connector for 34.00 mm outer dia X 32 mm nominal dia nominal dia threaded	each	**585.43**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8915	Valve Connector for 42.70 mm outer dia X 40 mm nominal dia nominal dia threaded	each	**814.38**	*
8916	Valve Connector for 48.60 mm outer dia X 50 mm nominal dia nominal dia threaded	each	**1094.53**	*
8917	Female Threaded Elbow 90o for 15.88 mm outer dia X 15 mm nominal dia threaded	each	**139.61**	*
8918	Female Threaded Elbow 90o for 22.22 mm outer dia X 15 mm nominal dia threaded	each	**177.77**	*
8919	Female Threaded Elbow 90o for 22.22 mm outer dia X 20 mm nominal dia threaded	each	**177.77**	*
8920	Female Threaded Elbow 90o for 28.58 mm outer dia X 25 mm nominal dia threaded	each	**190.80**	*
8921	Female Threaded Elbow 90o for 34.00 mm outer dia X 32 mm nominal dia threaded	each	**267.12**	*
8922	Female Threaded Elbow 90o for 42.70 mm outer dia X 32 mm nominal dia threaded	each	**444.89**	*
8923	Female Threaded Elbow 90o for 42.70 mm outer dia X40 mm nominal dia threaded	each	**444.89**	*
8924	Female Threaded Elbow 90o for 48.60 mm outer dia X 40 mm nominal dia threaded	each	**635.68**	*
8925	Female Threaded Elbow 90o for 48.60 mm outer dia X 50 mm nominal dia threaded	each	**635.68**	*
8926	Male Threaded Elbow 90o for 15.88 mm outer dia X 15 mm nominal dia threaded	each	**177.77**	*
8927	Male Threaded Elbow 90o for 22.22 mm outer dia X 15 mm nominal dia threaded	each	**190.80**	*
8928	Male Threaded Elbow 90o for 22.22 mm outer dia X 20 mm nominal dia threaded	each	**190.80**	*
8929	Male Threaded Elbow 90o for 28.58 mm outer dia X 25 mm nominal dia threaded	each	**190.80**	*
8930	MaleThreaded Elbow 90o for 34.00 mm outer dia X 25 mm nominal dia threaded	each	**267.12**	*
8931	Male Threaded Elbow 90o for 34.00 mm outer dia X 32 mm nominal dia threaded	each	**267.12**	*
8932	Male Threaded Elbow 90o for 42.70 mm outer dia X 32 mm nominal dia threaded	each	**444.89**	*
8933	Male Threaded Elbow 90o for 42.70 mm outer dia X40 mm nominal dia threaded	each	**444.89**	*
8934	Male Threaded Elbow 90o for 48.60 mm outer dia X 40 mm nominal dia threaded	each	**635.68**	*
8935	Male Threaded Elbow 90o for 48.60 mm outer dia X 50 mm nominal	each	**635.68**	*
8936	Cap for 15.88 mm outer dia pipe	each	**41.88**	*
8937	Cap for 22.22 mm outer dia pipe	each	**59.57**	*
8938	Cap for 28.58 mm outer dia pipe	each	**78.18**	*
8939	Cap for 34.00 mm outer dia pipe	each	**161.02**	*
8940	Cap for 42.70 mm outer dia pipe	each	**235.47**	*
8941	Cap for 48.60 mm outer dia pipe	each	**307.14**	*
8942	Pipe Bridge for 15.88 mm outer dia pipe	each	**199.17**	*
8943	Pipe Bridge for 15.88 mm outer dia pipe	each	**252.23**	*
8944	Pipe Bridge for 28.58 mm outer dia pipe	each	**378.80**	*
8945	4 Point facade glass bracket	Nos	**3088.14**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8946	2 Point facade glass bracket	Nos	**1544.07**	*
8947	1 Point facade glass bracket	Nos	**1209.94**	*
8948	Flate head bolt	Nos	**605.90**	*
8949	400 fin plate at top	pair	**5520.12**	*
8953	Micro Silica	kg	**29.78**	*
8954	Stop end tubes for diaphragmwall 600 mm dia.	sqm	**4.19**	*
8955	Driving end tubes for diaphragm wall 600 mm dia.	sqm	**67.01**	*
8956	Bi-Axial Extruded GeoGrids of Minimum Tensile Strength 15 kN/m in the longitudinal and transverse direction	sqm	**88.42**	*
8957	Bi-Axial Extruded GeoGrids of Minimum Tensile Strength 20kN/m in the longitudinal and transverse direction	sqm	**101.45**	*
8958	Bi-Axial Extruded GeoGrids of Minimum Tensile Strength 30kN/m in the longitudinal and transverse direction	sqm	**165.67**	*
8959	Bi-Axial Extruded GeoGrids of Minimum Tensile Strength 40kN/m in the longitudinal and transverse direction	sqm	**241.99**	*
8960	Geosynthetic Drainage with two filtering nonwoven geotextiles having a "W" configuration as longitudinal parallel channels. Minimum thickness to be 7.2mm, with two filtering UV stabilized polypropylene nonwoven geotextile of minimum thickness of 0.75mm having pores of 150 micron and tensile strength of 8.0 kN/m and having plane flow capacity of 2.1 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure ,tensile strength of 18 kN/m , with mass per unit area of 740 gsm.	sqm	**469.08**	*
8961	Geosynthetic Drainage Composite having thermobonding a draining core - HDPE geonet comprises of two sets of parallel overlayed ribs integrally connected to have a rhomboidal shape with a polyethylene film and a nonwoven geotextile having mass per unit area 130 g/m2 and tensile strength of 8.0 kN/m having in plane flow capacity of 0.7 L / (m.s) at hydraulic gradient of 1.0 & 20 kPa pressure and tensile strength of 13.5 kN/m , with mass per unit area of 830 gsm,	sqm	**558.43**	*
8962	Synthetic Geogrid having Ultimate tensile strength- 100 kN/m	sqm	**186.14**	*
8963	Synthetic Geogrid Ultimate tensile strength- 150 kN/m	sqm	**204.76**	*
8964	Synthetic Geogrid Ultimate tensile strength- 200 kN/m	sqm	**279.22**	*
8965	Synthetic Geogrid Ultimate tensile strength- 250 kN/m	sqm	**307.14**	*
8966	Synthetic Geogrid Ultimate tensile strength- 300kN/m	sqm	**325.75**	*
8967	Synthetic Geogrid Ultimate tensile strength- 350kN/m	sqm	**362.98**	*
8968	Synthetic Geogrid Ultimate tensile strength- 400kN/m	sqm	**390.90**	*
8969	Synthetic Geogrid Ultimate tensile strength- 500kN/m	sqm	**465.36**	*
8970	Synthetic Geogrid Ultimate tensile strength- 600kN/m	sqm	**511.90**	*
8971	Synthetic Geogrid Ultimate tensile strength- 700kN/m	sqm	**604.97**	*
8972	Synthetic Geogrid Ultimate tensile strength- 800kN/m	sqm	**658.95**	*
8973	Synthetic Geogrid Ultimate tensile strength- 900kN/m	sqm	**782.74**	*
8974	Synthetic Geogrid Ultimate tensile strength- 1000kN/m	sqm	**884.19**	*
8975	Synthetic Geogrid Ultimate tensile strength- 1100kN/m	sqm	**930.72**	*
8976	Synthetic Geogrid Ultimate tensile strength- 1200kN/m	sqm	**1012.63**	*
8977	Aluminium profile industrial troughed sheet of Alloy 31500/31000/ 40800, conforming to IS 1254, IS 737, IS 2676, 0.71 mm thick, the profile detail width 1044/920 mm, cover width 1000/875 mm.	sqm	**530.51**	*

Code No	Description	Unit	Present Approved rate inclusive royalty	Remark
1	2	3	4	10
8978	Aluminium profile industrial troughed sheet of Alloy 31500/31000/ 40800, conforming to IS 1254, IS 737, IS 2676, 0.91 mm thick, the profile detail width 1044/920 mm, cover width 1000/875 mm.	sqm	**685.01**	*
9001	C.P. Brass Centre Hole Basin Mixer With Cast Spout	each	**1116.87**	*
9977	Carriage	L.S.	**1.80**	*
9988	Carriage and sundries	L.S.	**1.80**	*
9999	Sundries	L.S.	**1.80**	*
0842	Ready mix paint for wood work	Per litre	**182.36**	*
0843	Ready mix paint for steel work	Per litre	**182.36**	*
0288	Brick Khoa	Per m3	1106.60	**
1002	**Mild steel round bar 12mm dia and below**	quintal	4545.00	**
1007	Structural steel	quintal	4155.00	**
0993	Plain A.C sheet standard quality(6mm thick)	sqm	**177.26**	****
8779	Paver Block			
A	M35 grade 60mm thick			
	White	sqm	433.26	**
	Red	sqm	440.98	**
	Yellow	sqm	454.82	**
B	M40 grade 80mm thick			
	White	sqm	497.19	**
	Red	sqm	510.20	**
	Yellow	sqm	526.65	**
8780	Kerb Stone Block M30 Grade of Size 375mm x 300mm	each	73.25	**

Note:-

* **Rate based on DSR 2016**

** **Approved rate by State level Schedule rate committee**

*** **Approved rate of cement by State level schedule rate committee**

**** **Present BSR**

14/8/18

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियंता (प्रमुख),
भवन निर्माण विभाग, बिहार, पटना।

14.8.18

सदस्य,
राज्यस्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियंता प्रमुख
ग्रामीण कार्य विभाग, बिहार, पटना।

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियंता प्रमुख
लघु जल संसाधन विभाग, बिहार, पटना।

14.8.18

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–मुख्य अभियंता (असैनिक), बिहार स्टेट पावर होल्डिंग कंपनी
लि०,बिहार, पटना

14/8/18

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–मुख्य अभियंता (विद्युत),
भवन निमार्ण विभाग, बिहार, पटना

14/08/18

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियंता प्रमुख, तकनीकी परीक्षण कोषांग,
निगरानी विभाग, बिहार, पटना

14.8.18

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियंता प्रमुख, लोक स्वास्थ्य अभियंत्रण संगठन,
बिहार, पटना

14/8/18

सदस्य,
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–
सह–अभियंता प्रमुख (मुख्यालय),
जल संसाधन विभाग, बिहार, पटना

14/8/18

संयोजक
राज्य स्तरीय अनुसूचित दर निर्धारण समिति–सह–
अभियंता प्रमुख–सह–अपर आयुक्त–सह–विशेष सचिव,
पथ निर्माण विभाग, बिहार, पटना।

SUB HEAD : 0.4

CAPACITY OF TRUCK

TRUCK CAPACITY PER TRIP

VIDE T.E.C.LETTER No 1115DATED 12.07.85

S.no	Materials	Truck Capacity		Net payable Volume or weight col 3*col 4
1	2	3	4	5
1	**Lime, Moorum and building rubbish**	6.00cum	1.00	6.00 cum
2	**Earth**	6.00cum	0.80	4.80 cum
3	**Manure or sludge**	6.00cum	0.92	5.52 cum
4	**Excavated rocks(120 Lbs)**	6.00cum	0.67	4.02 cum
5	**Stone Metal**	5.40cum	0.85	4.59 cum
6	**Soling stone**	5.00cum	0.85	4.25 cum
7	**Boulder(90 Lbs to 120 Lbs)**	6.00cum	0.8	4.80 cum
8	**Bricks**	2000Nos	1.00	2000 Nos
9	**Tiles/Mangra/Mosaic**	3200Nos	1.00	3200Nos
10	**Bricks Tiles(300*150*50mm)**	1760Nos	1.00	1760 Nos
11	**Cement,Stone blocks ,G.I,C.I, A.C and C.C Pipe below 100 mm dia and other heavy materials**	8.00Mt	1.00	8.00MT
12	**Steel**	8.00Mt	1.00	8.00MT
13	**Timber**	9.60 cum	1.00	9.60 cum
14	**Tar,Bitumen**	8.00M.T	1.00	8.00MT
15	**Steam coal**	8.00 MT	1.00	8.00MT
16	**S.W.Pipe 60 cm,length**			
(i)	100 mm dia	800No / 480M	1.00	800No / 480M
(ii)	150 mm dia	400 No / 240 M	1.00	400 No / 240 M
(iii)	200 mm dia	224 No / 134.40 M	1.00	224 No / 134.40 M
(iv)	230 mm dia	176 No / 105.60 M	1.00	176 No / 105.60 M
(v)	250 mm dia	140 No / 84 M	1.00	140 No / 84 M
(vi)	300 mm dia	112 No / 67.20 M	1.00	112 No / 67.20 M
(vii)	350 mm dia	80 No / 48 M	1.00	80 No / 48.20 M
(viii)	400 mm dia	56 No / 33.60 M	1.00	56 No / 33.60 M
(ix)	450 mm dia	44 No / 26.40 M	1.00	44 No / 26.40 M
(x)	500 mm dia	40 No / 24.00 M	1.00	40 No / 24.00 M
(xi)	600 mm dia	32 No / 19.20 M	1.00	32 No / 19.20 M
17	**R.C.C pipe and A.C pipe**			
(i)	100 mm dia	145 No*2M=290M	1.00	290.00M
(ii)	125 mm dia	100 No*2M=200M	1.00	200.00M
(iii)	150 mm dia	90 No*2M=180M	1.00	180.00M
(iv)	200 mm dia	40No*2.5M=100M	1.00	40No*2.5M=100M

S.no	Materials	Truck Capacity		Net payable Volume or weight col 3*col 4
1	2	3	4	5
(v)	250 mm dia	30No*2.50M=75M	1.00	75.00M
(vi)	300 mm dia	24 No*2.5=60M	1.00	60.00M
(vii)	350 mm dia	19No*2.5M=47.5M	1.00	47.50M
(viii)	400mm dia & 450mm dia	13No*2.5M=32.5M	1.00	32.50M
(ix)	500mm dia & 600mm dia	10No*2.5M=25.0M	1.00	25.00M
(x)	700mm dia & 800mm dia	6No*2.5M=15M	1.00	15.00M
(xi)	900mm dia & 1100mm dia	4No*2.5M=10M	1.00	10.00M
(xii)	1100mm dia & 1200mm dia	3No*2.5M=7.5M	1.00	7.50M
18	**G.I Crates 1*1.5*0.75 M**	80 No	1.00	80 No
19	**Bamboos**			
(i)	75 mm dia & 100 mm dia	280 No	1.00	280 No
(ii)	50 mm dia & 75 mm dia	300 No	1.00	300 No
20	**Empty bags of cement length**	3000 Nos	1.00	280 Nos
21	**Sal bullah Av 6M**			
(i)	100 mm dia	125 Nos	1.00	125 Nos
(ii)	125 mm dia	80 Nos	1.00	80 Nos
(iii)	150 mm dia	60 Nos	1.00	60 Nos
(iv)	175 mm dia	45 Nos	1.00	45 Nos
(v)	200 mm dia	25 Nos	1.00	25 Nos
(vi)	225 mm dia	20 Nos	1.00	20 Nos
22	**Stone chips and sand**	5.4 cum	0.92	5.00 cum
23	**Steel and C.I.Pipe 3.66 M**			
(i)	100 mm dia	80 No*3.66M=292.80M	1.00	292.8M
(ii)	125 mm dia	60 No*3.66M=219.60M	1.00	219.60M
(iii)	150 mm dia	50 No*3.66M=183.00M	1.00	183.00M
(iv)	200 mm dia	30 No*3.66M=109.80M	1.00	109.80M
(v)	250 mm dia	22 No*3.66M=80.52M	1.00	80.52M
(vi)	300 mm dia	17 No*3.66M=62.22M	1.00	62.22M
(vii)	350 mm dia	12 No*3.66M=43.92M	1.00	43.92M
(viii)	400 mm dia	9 No*3.66M=32.94M	1.00	32.94M
(ix)	500 mm dia	7 No*3.66M=25.62M	1.00	25.62M
(x)	600 mm dia	5 No*3.66M=18.30M	1.00	18.30M

SUB HEAD : 1.0

CARRIAGE OF MATERIAL

CARRIAGE OF MATERIALS(By Tipper)

Sr no.	Ref. to M.O.R.T Spec.	Description	Unit	Quantity	Rate Rs.	Cost Rs	Remarks/ Input ref.
1.1		**Loading and Unloading of Stone Boulder/ Stone aggregates/ Sand/ Kanker/ Moorum.**	cum				
		Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip					
		Unit = cum					
		Taking output = 5.5 cum					
		Time required for					
		i) Positioning of tipper at loading point		1 Min			
		ii) Loading by front end loader 1 cum bucket capacity @ 25 cum per hour		13 Min			
		iii) Maneuvering, reversing, dumping and turning for return		2 Min			
		iv) Waiting time, unforeseen contingencies etc		4 Min			
		Total		**20 Min**			
		a) Machinery					
		Tipper 5.5 tonnes capacity	hour	0.330	1129.0	372.57	**P &M 048**
		Front end-loader 1 cum bucket capacity @ 25 cum/hour	hour	0.330	1528.0	504.24	**P &M 017**
		b) Overhead charges @ 0.1 on (a)				**87.68**	
		c) Contractor's profit @ 0.1 on (a+b)				**96.45**	
		Cost for 5.5 cum = a+b+c				1060.94	
		Rate per cum = (a+b+c)/ 5.5				192.90	
	Note	**Unloading will be by tipping.**			***say***	***Rs.192.90***	
1.2		**Loading and Unloading of Boulders by Manual Means**					
		Unit = cum					
		Taking output = 5.5 cum					
		a) Labour					
		Mate	day	0.110	270.00	29.70	L-12
		Mazdoor for loading and unloading	day	0.750	254.00	190.50	L-13
		b) Machinery					
		Tipper 5.5 tonne capacity	hour	0.750	1129.0	846.75	
		c) Overhead charges @ 0.1 on (a+b)				**106.70**	
		d) Contractor's profit @ 0.1 on (a+b+c)				**117.36**	
		Cost for5.5 cum = a+b+c+d				1291.01	
		Rate per cum = (a+b+c+d)/5.5				234.73	
					say	***Rs.235.00***	
	Note	**Unloading will be by tipping.**					
1.3		**Loading and Unloading of Cement or Steel by Manual Means and Stacking.**					
		Unit = tonne					
		Taking output = 10 tonnes					
		a) Labour					
		Mate	day	0.080	270.00	21.60	L-12
		Mazdoor for loading and unloading	day	2.000	254.00	508.00	L-13

		b) Machinery					
		Truck 10 tonne capacity	hour	2.000	882.00	1764.00	
		c) Overhead charges @ 0.1 on (a+b)				**229.36**	
		d) Contractor's profit @ 0.1 on (a+b+c)				**252.30**	
		Cost for10 tonnes = a+b+c+d				2775.26	
		Rate per tonnes = (a+b+c+d)/10				277.53	
					say	***Rs.278.00***	
1.4		**Cost of Haulage Excluding Loading and Unloading**					
		Haulage of materials by tipper excluding cost of loading, unloading and stacking.					
		Unit = t.km					
		Taking output 10 tonnes load and lead 10 km = 100 t.km					
	(i)	**Surfaced Road**					
		Speed with load : 25 km / hour.					
		Speed while Returning empty :35 km / hour.					
		a) Machinery.					
		Tipper 10 tonne capacity					
		Time taken for onward haulage with load	hour	0.400	1129.0	451.60	
		Time taken for empty return trip.	hour	0.290	1129.0	327.41	
		b) Overhead charges @ 0.1 on (a)				**77.90**	
		c) Contractor's profit @ 0.1 on (a+b)				**85.69**	
		cost for 100 t km = a+b+c				942.60	
		Rate per t.km = (a+b+c)/100				9.43	
					say	***Rs.9.40***	
1.4	**(ii)**	**Unsurfaced Graveled Road**					
		Speed with load: 20 km / hour					
		Speed for empty return trip :30 km / hour					
		a) Machinery					
		Tipper 10 tonnes capacity					
		Time taken for onward haulage with load	hour	0.500	1129.0	564.50	
		Time taken for empty return trip	hour	0.330	1129.0	372.57	
		b) Overhead charges @ 0.1 on (a)				**93.71**	
		c) Contractor's profit @ 0.1 on (a+b)				**103.08**	
		Cost for 100 t .km = a+b+c				1133.85	
		Rate per t.Km = (a+b+c)/100				11.34	
					say	***Rs.11.30***	
1.4	**(iii)**	**Katcha Track and Track in River Bed/Nallah Bed and Choe Bed.**					
		Speed with load :10 km / hour					
		Speed while returning empty:15 km / hour					
		a) Machinery					
		Tipper 10 tonnes capacity					
		Time taken for onward haulage	hour	1.000	1129.0	1129.00	
		Time taken for empty return trip	hour	0.670	1129.0	756.43	
		b) Overhead charges @ 0.1 on (a)				**188.54**	
		c) Contractor's profit @ 0.1 on (a+b)				**207.40**	
		Cost for 100 t .km = a+b+c				2281.37	
		Rate per t.Km = (a+b+c)/100				22.81	
					say	***Rs.22.80***	

CARRIAGE OF MATERIALS(By Tractor)

Sr no.	Ref. to M.O.R.T Spec.	Description	Unit	Quantity	Rate Rs.	Cost Rs	Remarks/ Input ref.
1.1		**Loading and Unloading of Stone Boulder/ Stone aggregates/ Sand/Kanker/Moorum.**	cum				
		Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip					
		Unit = cum					
		Taking output = 2.25 cum					
		Time required for					
		i) Positioning of tipper at loading point		1 Min			
		ii) Loading by front end loader 1 cum bucket capacity @ 25 cum per hour		5 Min			
		a) Labour					
		Mate	day	0.030	270.00	8.10	L-12
		Mazdoor for loading and unloading	day	0.720	254.00	182.88	L-13
		Total		**6 Min**			
		a) Machinery					
		Tractor 3.6 tonnes tonnes capacity	hour	0.100	575.00	57.50	**P &M 048**
		Front end-loader 1 cum bucket capacity @ 25 cum/hour	hour	0.083	1528.0	126.82	**P &M 017**
		c) Overhead charges @ 0.1 on (a+b)				**37.53**	
		d)Contractor's profit @ 0.1 on (a+b+c)				**41.28**	
		Cost for2.25 cum = a+b+c+d				454.12	
		Rate per cum = (a+b+c+d)/2.25				201.83	
					say	***Rs.202.00***	
	Note	**Unloading will be by tipping.**					
1.2		**Loading and Unloading of Boulders by Manual Means**					
		Unit = cum					
		Taking output =2.25cum					
		a) Labour					
		Mate	day	0.050	270.00	13.50	L-12
		Mazdoor for loading and unloading	day	0.310	254.00	78.74	L-13
		b) Machinery					
		Tipper 3.6 tonne capacity	hour	0.310	575.00	178.25	
		c) Overhead charges @ 0.1 on (a+b)				**27.05**	
		d)Contractor's profit @ 0.1 on (a+b+c)				**29.75**	
		Cost for2.25 cum = a+b+c+d				327.29	
		Rate per cum = (a+b+c+d)/2.25				145.46	
	Note	**Unloading will be by tipping.**			***say***	***Rs.145.00***	
1.3		**Loading and Unloading of Cement or Steel by Manual Means and Stacking.**					
		Unit = tonne					
		Taking output = 3.6 tonnes					
		a) Labour					
		Mate	day	0.030	270.00	8.10	L-12
		Mazdoor for loading and unloading	day	0.720	254.00	182.88	L-13
		b) Machinery					

		Trractor of 3.6 tonnes capacity	hour	0.720	575.00	414.00	
		c) Overhead charges @ 0.1 on (a+b)				**60.50**	
		d) Contractor's profit @ 0.1 on (a+b+c)				**66.55**	
		Cost for10 tonnes = a+b+c+d				732.03	
		Rate per tonnes = (a+b+c+d)/2.25				203.34	
					say	***Rs.203.00***	
1.4		**Cost of Haulage Excluding Loading and Unloading**					
		Haulage of materials by tipper excluding cost of loading, unloading and stacking.					
		Unit = t.km					
		Taking output 3.6 tonnes load and lead 10 km = 36 t.km					
	(i)	**Surfaced Road**					
		Speed with load :15 km / hour.					
		Speed while Returning empty :25 km / hour.					
		a) Machinery.					
		Tractor 3.6 tonne capacity					
		Time taken for onward haulage with load	hour	0.667	575.00	383.53	
		Time taken for empty return trip.	hour	0.400	575.00	230.00	
		b) Overhead charges @ 0.1 on (a)				**61.35**	
		c) Contractor's profit @ 0.1 on (a+b)				**67.49**	
		cost for 36 t km = a+b+c				742.37	
		Rate per t.km = (a+b+c)/36				20.62	
					say	***Rs.20.60***	
1.4	**(ii)**	**Unsurfaced Graveled Road**					
		Speed with load: 12 km / hour					
		Speed for empty return trip :20 km / hour					
		a) Machinery					
		Tractor 3.6 tonne capacity					
		Time taken for onward haulage with load	hour	0.833	575.00	478.98	
		Time taken for empty return trip	hour	0.500	575.00	287.50	
		b) Overhead charges @ 0.1 on (a)				**76.65**	
		c) Contractor's profit @ 0.1 on (a+b)				**84.31**	
		cost for 36 t km = a+b+c				927.43	
		Rate per t.km = (a+b+c)/36				25.76	
					say	***Rs.25.80***	
1.4	**(iii)**	**Katcha Track and Track in River Bed/Nallah Bed and Choe Bed.**					
		Speed with load :10 km / hour					
		Speed while returning empty:15 km / hour					
		a) Machinery					
		Tractor 3.6 tonne capacity					
		Time taken for onward haulage	hour	1.000	575.00	575.00	
		Time taken for empty return trip	hour	0.667	575.00	383.53	
		b) Overhead charges @ 0.1 on (a)				**95.85**	
		c) Contractor's profit @ 0.1 on (a+b)				**105.44**	
		cost for 36 t km = a+b+c				1159.82	
		Rate per t.km = (a+b+c)/36				32.22	
					say	***Rs.32.20***	

Note वैसे स्थल जहाँ पर Truck एंव Tipper के द्वारा ढुलाई किया जाना संभव नही है तथा Tractor से ढुलाई Economical हो केवल वैसे ही स्थलो के लिए Tractor से ढुलाई का प्रावधान किया जाय।

SUB HEAD : 2.0

EARTH WORK

BUILDING WORK

2.0 Earth Work

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
2.1	**Earth work in surface excavation not exeeeding 30 cm in depth but exceedirrg 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 rn disposed soil to be levelled and neatly dressed :**					
2.1.1	**All Kinds of soil Details of cost for 100 sqm and average depth 15cm**					
	Labour:					
	Beldar	per day	7.20	254.00	(0114)	1828.80
	Coolies	per day	6.00	265.00	(0115)	1590.00
						3418.80
	Add for water charges @ 1 %					34.19
	Total					3452.99 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					485.14
	Total					3938.13 (Y)
	Add tor contractor's profit and over-heads @ 15% on "Y"					590.72
	Cost of 100 sqm					4043.71
	Add labour cess @ 1%					40.44
	Rate including labour cess					4084.15
			Say Rs	**4084.10**	**per 100 sqm**	
2.2	**Earth work in rough excavation,banking excavated earth in layer not exeeeding *20*cm in depth,breaking clods watering . rolling each layer with 1/2 tonne roller or wooden or steel rammers and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks , marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 m.**					
2.2 . 1	**All Kinds of soil**					
	Details of cost for 10 cum					
	Labour:					
	Beldar	per day	5.90	254.00	(0114)	1498.60
	Coolies	per day	3.60	265.00	(0115)	954.00
	Bhishti	per day	0.40	277.00	(0101)	110.80
	Chowkidar	per day	0.01	267.00	(0113)	2.14
	Roller charges (one roller does 1850 sq m of consolidation per day)					
	Hire charges	Per day	0.01	2200.00	(0003)	17.60
	Diesel	litre	0.14	42.81	(1235)	6.17
	Carriage of diesel	quintal	0.00144	0.00	(2342)	0.00
	sundries	LS	2.73	1.80	(9999)	4.91
	Total					2594.22
	Add for water charges 1 %					25.94
	Total					2620.16 X
	Add GST 12% on "X"(multiplying factor 0.1405)					368.13
	Total					2988.29 Y
	Add for contractor's profit and over-heads @ 15% on "Y"					393.02
	Cost of 10 cum					3381.32

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Cost of 1 cum					338.13
	Add labour cess @ 1%					3.38
	Rate including labour cess					341.51
			Say Rs		**341.50**	**per cum**
2.3	**Banking excavated earth in layers not exceedinq 20 cm in depth, breaking clods, watering, rolling each layer with 1/2 tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power rolier of minimum 8 tonnes and dressing up ; in embankments for roads, flood banks, marginal banks, and guide banks etc . lead upto 50 m and lift upto 1.5m.**					
2.3.1	**All Kinds of soil**					
	Details of cost for 10 cum					
	Labour:					
	Beldar	per day	2.2	254.00	(0114)	558.80
	Coolies	*per* day	3.6	265.00	(0115)	954.00
	Bhishti	per day	0.4	277.00	(0101)	110.80
	Roller charges (one roller does 1850 sp m of consolidation per day)					
	Hire charges	Per day	0.008	2200.00	(0003)	17.60
	Chowkidar	per day	0.008	267.00	(0113)	2.14
	Diesel	litre	0.144	42.81	(1235)	6.17
	Carrinage of diesel	quintal	0.00144	0.00	(2342)	0.00
	Sundries	LS	2.73	1.80	(9999)	4.91
	Total					1654.42
	Add for water charges @ 1 %					16.54
	Total					1670.96 X
	Add GST 12% on "X"(multiplying factor 0.1405)					234.77
	Total					1905.73 Y
	Add for contractor's profit and over-heads @ 15% on Y					285.86
	Cost of 10 cum					1956.82
	Cost of 1 cum					195.68
	Add labour cess @ 1%					1.96
	Rate including labour cess					197.64
			Say Rs		**197.60**	**per cum**
2.4	**Deduct for not rolling with power roller of minimum 8 tonnes for banking excavated earth in layers not exceeding 20 cm in depth.**					
	Details of cost for 10 cum					
	Labour:					
	Chowkidar	per day	0.008	267.00	(0113)	2.14
	Roller charges & hire charges	Per day	0.008	2200.00	(0003)	17.60
	Diesel	litre	0.144	42.81	(1235)	6.17
	Carriage of diesel	quintal	0.00144	0.00	(2342)	0.00
	Sundries	LS	1.820	1.80	(9999)	3.28
	Total					29.19
	Add for water charges @ 1%					0.29
	Total					29.48 X
	Add GST 12% on "X"(multiplying factor 0.1405)					4.14
	Total					33.62 Y
	Add for contractor's profit and over-heads @ 15% on Y					5.04
	Cost of 10 cum					38.67
	Cost of 1 cum					3.87
	Add labour cess @ 1%					0.04
	Rate including labour cess					3.91

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
			Say Rs		**4.00**	**per cum**
2.5	**Deduct for not watering the excavated earth for banking.**					
	Details of cost for 10 cum					
	Labour:					
	Bhishti	per day	0.4	277.00	(0101)	110.80
						110.80
	Add for water charges @ 1 %					1.11
	Total					111.91 X
	Add GST 12% on "X"(multiplying factor 0.1405)					15.72
	Total					127.63 Y
	Add for contractor's profit and over-heads @ 15% on Y					19.14
	Cost of 10 cum					146.78
	Cost of 1 cum					14.68
	Add labour cess @ 1%					0.15
	Rate including labour cess					14.83
			Say Rs		**14.800**	**per cum**
2.6	**Earth work in excavation over areas (exceeding 30 cm in depth. 1.5 m in width as well as 10 sqm on. plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed.**					
2.6.1	**All Kinds of soil**					
	Details of cost for 10 cum					
	Labour:					
	Mate	per day	0.80	270.00	(0128)	216.00
	Beldar	per day	8.00	265.00	(0115)	2120.00
	Total					2336.00
	Add for water charges @ 1%					23.36
	Total					2359.36 X
	Add GST 12% on "X"(multiplying factor 0.1405)					331.49
	Total					2690.85 Y
	Add for contractor's profit and over-heads @ 15% in y					403.63
	cost of 10 cum					2762.99
	Cost of 1 cum					276.30
	Add labour cess @ 1%					2.76
	Rate including labour cess					279.06
			Say Rs		**279.100**	**per cum**
2.7	**Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 in width as well as 10 sqm on plan) including disosal of excavated earth, lead upto 50 m and lif t upto 1.5 m, disposed earth to be levelled and neatly dressed :**					
2.7.1	Ordinary rock. Details of cost for 10 cum	per day	1.41	267.00	(0132)	376.47
	Excavators					
	Breakers	per day	3.18	267.00	(0133)	849.06
	Hole drillers	per day	0.71	267.00	(0134)	189.57
	Beldar	per day	2.83	254.00	(0114)	718.82
	Coolies	per day	4.64	265.00	(0115)	1229.60
	Powder	kilogram	1.97	32.58	(0325)	64.17
	Fuse	each	2.00	13.96	(0326)	27.92
	Sundnes	1 time	4.15	1.80	(9999)	7.47
	Total					3463.08
	Add for water charges @ 1%					34.63
	Total					3497.71 X
	Add GST 12% on "X"(multiplying factor 0.1405)					491.43

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Total					3989.14	Y
	Add tor conttactor's profit and over-heads @ 15%on Y					598.37	
	Ccst of 10 cum					4096.08	
	Cost of 1 cum					409.61	
	Add labour cess @ 1%					4.10	
	Rate including labour cess					413.71	
			Say Rs	**413.70**		**per cum**	
2 7 2	Hard rock (requiring blasting) Details of cost for 10 cum						
	Excavators	per day	2.12	267.00	(0132)	566.04	
	Breakers	per day	5.65	267.00	(0133)	1508.55	
	Hole drillers	per day	1.77	267.00	(0134)	472.59	
	Beldar	per day	2.65	254.00	(0114)	673.10	
	Coolies	per day	4.64	265.00	(0115)	1229.60	
	Powder	kilogram	3.93	32.58	(0325)	128.02	
	Fuse	each	4.00	13.96	(0326)	55.84	
	Sundres	1 time	6.20	1.80	(9999)	11.16	
	Total					4644.90	
	Add for water charges @ 1 %					46.45	
	Total					4691.35	X
	Add GST 12% on "X"(multiplying factor 0.1405)					659.14	
	Total					5350.49	Y
	Add for contractor's profit and over-heads @ 15% on " Y"					802.57	
	Cost of 10 cum					6153.06	
	Cost of 1 cum					**615.31**	
	Add labour cess @ 1%					6.15	
	Rate including labour cess					621.46	
			Say Rs	**621.50**		**per cum**	
2.7.3	Hard rock (blasting prohibited) Details of cost for 10 cum						
	Excavators	per day	4.94	267.00	(0132)	1318.98	
	Breakers	per day	12.00	267.00	(0133)	3204.00	
	Stone Chiseller	per day	2.12	270.00	(0135)	572.40	
	Black smith II class	per day	0.35	305.00	(0103)	106.75	
	Beldar	per day	3.00	254.00	(0114)	762.00	
	Coolies	per day	5.70	265.00	(0115)	1510.50	
	Sundries	1 time	6.20	1.80	(9999)	11.16	
	Total					7485.79	
	Add for water charges (a) 1 %					74.86	
	Total					7560.65	X
	Add GST 12% on "X"(multiplying factor 0.1405)					1062.27	
	Total					8622.92	Y
	Add for contractor's profit and over-heads @ 15% on " Y"					1293.44	
	Cost of 10 cum					9916.36	
	Cost of 1 cum					991.64	
	Add labour cess @ 1%					9.92	
	Rate including labour cess					1001.56	
			Say Rs		**1001.60**	**per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
2.8	**Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m . including getting out the excavted soil and disposal of surplus excavated soil as directed, within a lead of 50 m.**					
2.8.1	All Kinds of soil					
	Details of cost for 10 cum					
	Labour:					
	Mate	per day	0.80	270.00	(0128)	216.00
	Coolies	per day	8.20	265.00	(0115)	2173.00
	Total					2389.00
	Add for water charges (@ 1 %					23.89
	Total					2412.89 X
	Add GST 12% on "X"(multiplying factor 0.1405)					339.01
	Total					2751.90 Y
	Add for contractor's profit and over-heads @ 15% on "Y"					412.79
	Cost of 10 cum					3164.69
	Cost of 1 cum					316.47
	Add labour cess @ 1%					3.16
	Rate including labour cess					319.63
			Say Rs	**319.60**		**per cum**
2.9	**Excavation work in foundation trenches or drains not exceeding 1.5 m in width or 10 sq.m on plan including dressing of sides and ramming of bottoms lift upto 1.5 m . including getting cut the excavated soil and disposal of surplus excavated soils as directed, wittun a lead of 50 m .**					
2.9.1	Ordinary rock					
	Details of cost for 10cum					
	Labour :					
	Excavators	Per day	1.770	267.00	(0132)	472.59
	Breakers	Per day	3.530	267.00	(0133)	942.51
	Hole drillers	Per day	1.060	267.00	(0134)	283.02
	Beldar	Per day	2.830	254.00	(0114)	718.82
	Coolies	Per day	4.820	265.00	(0115)	1277.30
	Materials:					
	Fuse	each	3.000	13.96	(0326)	41.88
	Powder	kilogram	2.250	32.58	(0325)	73.29
	Subdries	1time	5.200	1.80	(9999)	9.36
	Total					3818.77
	Add for water charges (@ 1 %					38.19
	Total					3856.96 X
	Add GST 12% on "X"(multiplying factor 0.1405)					541.90
	Total					4398.86 Y
	Add for contractor's profit ard over-heads @15% on "Y"					578.54
	Cost of 10 cum					4977.40
	Cost of 1 cum					497.74
	Add labour cess @ 1%					4.98
	Rate including labour cess					502.72
			Say Rs		**502.70**	**per cum**
2.9.2	Hard rock (requiring blastiong)					
	Details of cost for 10cum					
	Labour :					
	Excavators	Per day	2.480	267.00	(0132)	662.16
	Breakers	Per day	6.000	267.00	(0133)	1602.00
	Hole drillers	Per day	2.120	267.00	(0134)	566.04

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Beldar	Per day	2.650	254.00	(0114)	673.10	
	Coolies	Per day	4.820	265.00	(0115)	1277.30	
	Materials:						
	Powder	each	6.420	32.58	(0325)	209.13	
	Fuse	kilogram	7.000	13.96	(0326)	97.73	
	Subdries	1time	7.250	1.80	(9999)	13.05	
	Total					5100.51	
	Add for water charges (@ 1 %					51.01	
	Total					5151.52	X
	Add GST 12% on "X"(multiplying factor 0.1405)					723.79	
	Total					5875.30	Y
	Add for contractor's profit and over-heads @ 15% on "Y'					881.30	
	Cost of 10 cum					6032.81	
	Cost of 1 cum					603.28	
	Add labour cess @ 1%					6.03	
	Rate including labour cess					609.31	
			Say Rs	**609.30**		**per cum**	
2.9.3	Hard rock (Blasting Prohibited)						
	Details of cost for 10cum						
	Labour :						
	Excavators	Per day	5.3	267.00	(0132)	1415.10	
	Breakers	Per day	12.35	267.00	(0133)	3297.45	
	Chisellers	Per day	2.12	270.00	(0135)	572.40	
	Clacksmith II class	Per day	0.35	305.00	(0103)	106.75	
	Beldar	Per day	3	254.00	(0114)	762.00	
	Coolies	Per day	5.88	265.00	(0115)	1558.20	
	Subdries	1time	6.9	1.80	(9999)	12.42	
	Total					7724.32	
	Add for water charges (@ 1 %					77.24	
	Total					7801.56	X
	Add GST 12% on "X"(multiplying factor 0.1405)					1096.12	
	Total					8897.68	Y
	Add for contractor's profit and over-heads @ 15% on "Y'					1334.65	
	Cost of 10 cum					10232.34	
	Cost of 1 cum					1023.23	
	Add labour cess @ 1%					10.23	
	Rate including labour cess					1033.46	
			Say Rs	**1033.50**		**per cum**	

2.10 Excavating trenches of required width for pipes cables, etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m including getting out the excavated soil . and then returning the soil as required . in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50 m.

2.10.1 All kinds of soil

2.10.1.1 Pipes, cables etc, not exceeding 80mm dia.Details of cost for 180 m length of a pipe of an average dia. Say 40 mm. Slope assumed 1 in 200 Edrth work and filling-
Minimum depth of trench 60 cm.
Average depth =(0.6 +1.5*)/2=1.05*
Width for this depth 0.4 5m

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	180x0.45x1.05=85.05cum	cum	85.05	418.72	(2.8.1 + 2.26)	35612.26
	Cost of 180 m					35612.26
	Cost of 1 m					197.85
	Add labour cess @ 1%					1.98
	Rate including labour cess					199.83
			Say Rs	**199.80**		**per cum**
2.10.1.2	**Pipes, cables etc. ecceeding 80 mm dia. But not exceeding 300mm dia**					
	Details of cost for 110 m length of a pipe of an average dia say 200mm. slope assumed 1 in 200 Earth work and filling- Minimum depth ot trench 0.75+0.2=0.95 m Average depth = 1.5+0.95/2=1.225 m Width = 0.4+0.2=0.6 m 110x0.06.x 1.225= 80.85					
	cum 5% for collars=4. 04 cum - 84 89 cum	cum	84.89	418.72	(2.8.1 + 2.26)	35545.27
						35545.27
	Cost of 11 0 m					35545.27
	Cost of 1 m					323.14
	Add labour cess @ 1%					3.23
	Rate including labour cess					326.37
			Say Rs	**326.40**		**per cum**
2.10.1.3	Pipes . cables etc. exceecding 300m dia to 600mm dia. Details of cost for 60 m lenq'n of a pipe of an average dia say 4 50 mm Slope assumed 1 in 200 Earth work and filling Minimum depth of trench 0.75+ 0.45=1.20 m Average depth = (1.5+1.2)/2=1.35 m Width = 0.4+0 45=0 85m 60x0.85x1.35 = 68.85					
	cum 5% for collars =3.44 cum - 72.29	cum	72.29	418.72	(2.8.1 + 2.26)	30269.38
						30269.38
	Cost of 60 m					30269.38
	Cost of 1 m .					504.49
	Add labour cess @ 1%					5.04
	Rate including labour cess					509.53
			Say Rs	**509.50**		**per cum**
2.11	**Extra for excavating trenches for pipes, cables etc.in all kinds of soil for depth exceeding 1.5 m , but not exceeding 3 m.(Rate is over coresponding basic item for depth upto 1.5 meater.) Details of cost for 300 m . Length of pipe of an average dia . Say 200m.**					
	Slope assumed 1 in 200	cum	362.25	418.72	(2.8.1 + 2.26)	151681.86
	100x0.6x1.75= 105.00 cum 200x0.6x2.00= 240.00 cum 345.00 cum collars 5% = 17.25 cum 362.25.cum					
	1/2x200x1.6x1 = 160 cum	cum	160.00	378.55	(2.6.1 + 2.26)	60568.26
	Extra for additional lift 1/2x200x0.6x1.5=135.00 cum collars 5%=.75cum 141.75 cum	cum	141.75	40.59	(2.27.1)	5753.42
	Cost of 300 m					218003.54

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Cost of 1 m					726.68	B
	Extra over item 2.10.1.2 ie. cost for one *m* length	m	1.00	323.14	(2.10.1.2)	323.14	A
	Extra cost per metre=B-A=C					403.54	C
	Percentage increase						
	Over item 2.10.1.2=Cx100/A					124.88	
	Cost of 1 m					124.88	
	Add labour cess @ 1%					1.25	
	Rate including labour cess					126.13	
			Say Rs	**126.10**		**per metre**	

2.12 *Extra for excavating trenches for pipes, cables etc.in all kinds of soil exceeding 3 m in depth , but not exceeding 4.5 m.(Rate is over coresponding basic item for depth upto 1.5 meater.) Details of cost for a 100 m . Length of a pipe of an average dia. Say 200 mm.

Details of cost for a 100 m . Length of a pipe of an average dia. Say 200 mm. Slope assumed 1 in 200 Earth work and filling- 1x100x0.6x2=120 cum collars 5% = 6 cum 126 cum	cum	126.00	418.72	(2.8.1 + 2.26)	52758.91	
Earth work -100x1.6x1.25=200cum	cum	200.00	378.55	(2.6.1 + 2.26)	75710.33	
Extra for additional lift 1x100x0.6x1.5 =90 cum 2x0.5x100x0.6x0.5=30 cum = 120 cum collars 5% = 6 cum = 126 cum	cum	126.00	40.59	(2.27.1)	5114.15	
cost of 100 m length of pipes					133583.39	
cost for 1 m . Length of pipe					1335.83	B
Extra over item 2.10.1.2 i.e cost for 1 m length of pipe upto 1.5 m depth .	m	1.00	323.14	(2.10.1.2)	323.14	A
B-A= C i.e Cx100/A =%					1012.69	
Say					313.39	
Add labour cess @ 1%					3.13	
Rate including labour cess					316.52	
		Say		**316.50**	**per metre**	

2.13. Excavating trenches of required width for pipes cables, etc. including excavation for sockets, depth upto 1.5 m including getting out the excavated materials . returning the soil as required in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. stacking serviceable material for measurements and disposal of unserviceable material as directed, within a lead of 50 m:

2.13.1	Ordinary rock :						
2.13.1.1	Pipes, cables etc. not exceeding 80 mm dia Details of cost for 180 m length of a pipe of a average dia. Say 40 mm. slope assumed 1:200.						
	Excavation - quantity same as in item no 2.10.1.1	cum	85.05	497.74	(2.9.1)	42332.82	
	Refilling, ramming and watering	cum	85.05	102.25	(2.26)	8696.61	
	Extra labour for ramming of rock Beldar	per day	2.00	254.00	(0114)	508.00	(A)
	Add for water charges @ 1 % on A					5.08	(B)
	Total A+B					513.08	(X)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Add GST 12% on "X"(multiplying factor 0.1405)					72.09	
	Total					585.17	Y
	Add for contractors profit and overheads @ 15% on "y"					87.78	
	Total					672.94	
	Cost of 180 m					51702.37	
	Cost of 1 m					287.24	
	Add labour cess @ 1%					2.87	
	Rate including labour cess					290.11	
				Say Rs.	**290.10**	**per metre length of pipe**	
2.13.1.2	**Pipes, cables etc exceeding 80 mm dia but not exceeding 300 mm dia**						
	Deatails of cost for 80 m length of pipe of an average dia . Say 200 mm						
	Slope assumed 1 in 200						
	Minimum depth of trench. 0.75+0.15+0.20=1.1m						
	average depth=(1.1+1.5)/2=1.3m						
	Minimum width of trench.=80x0.3x1.3=9.60cum	cum	93.60	497.74	(2.9.1)	46588.50	
	Refilling ramming and watering	cum	93.60	102.25	(2.26)	9570.87	
	Extra labour for ramming of rock-Unskilled labour	per day	2.20	254.00	(0114)	558.80	(A)
	Add water charges @ 1% on A					5.59	(B)
	Total(A+B)					564.39	X
	Add GST 12% on "X"(multiplying factor 0.1405)					79.30	
	Total					643.68	Y
	Add for contractors profit and overheads @ 15% on "y"					96.55	
	Total					740.24	
	Cost of 80 m length of pipe-					56899.61	
	Add labour cess @ 1%					569.00	
	Rate including labour cess					57468.61	
	Cost of 1 m length of pipe					718.36	
				Say Rs.	**718.40**	**per metre length of pipe**	
2.13.1.3	**Pipes, cables etc exceeding 300 mm dia Details of cost for 30 m length of pipe of an average dia . Say 450 mm**						
	Slope assumed 1 in 200						
	Excavation - Minimum depth of trench 0.75+0.15+0.45=1 35m						
	Average depth=(i .35 + 1 5)/2=1 425 m						
	Width of trench = 0 9 m						
	30x0.9x1.425 = 38.475 cum						
	5% for collars = 1.924 cum/40.399cum	cum	40.399	497.74	(2.9.1)	20108.21	
	Refilling , ramming and waterning	cum	40.399	102.25	(2.26)	4130.91	
	Exta labour for ramming for ramming rock Beldar	per day	0.94	254.00	(0114)	238.76	(A)
	Add for water charges @ 1 % on A					2.39	(B)
	Total(A+B)					241.15	X

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Add GST 12% on "X"(multiplying factor 0.1405)					33.88	
	Total					275.03	Y
	Add for contractors profit and overheads @ 15% on "y"					41.25	
	Total					316.28	
	Cost of 30 m length of pipe					24555.40	
	Cost of 1m length of pipe					818.51	
	Add labour cess @ 1%					245.55	
	Rate including labour cess					1064.07	
	Cost of 1 m length of pipe	**Say Rs.**	**1064.10**	**per metre length of pipe**			
2.13.2	**Hard rock (requiring blasting)**						
2.13.2.1	**Pipes, cables etc. not exceeding 80 mm dia. Details of cost for 180 m length of a pipe of an average dia. Say 40 mm**						
	Slpe assumed 1 in 200						
	Excavation						
	Same as in item no. 2.10.1.1	cum	85.05	609.30	(2.9.2)	51820.97	
	Refilling, ramming and waatering	cum	85.05	102.25	(2.26)	8696.61	
	Extra labour for ramming of rock Beldar	per day	2.50	254.00	(0114)	635.00	(A)
	Add for water chares @1% on A					6.35	(B)
	Total(A+B)					641.35	X
	Add GST 12% on "X"(multiplying factor 0.1405)					90.11	
	Total					731.46	Y
	Add for contractors profit and overheads @ 15% on "y"					109.72	
	Total					841.18	
	Cost of 180m length of pipe					61358.76	
	Cost of 1 m length of pipe					340.88	
	Add labour cess @ 1%					3.41	
	Rate including labour cess					344.29	
	Cost of 1 m length of pipe	**Say Rs.**	**344.30**	**per metre length of pipe**			
2.13.2.2	**Pipes, cablels etc. exceeding 80 mm dia, but not exceeding 300 mm dia.**						
	Details of cost for 80 m length of a pipe of an average dia. Say 200 mm.						
	Slope assumed 1 in 200						
	Excavation-						
	Same as in item No. 2.13.1.2	cum	93.60	609.30	(2.9.2)	57030.48	
	Refiling, ramming and watering	cum	93.60	102.25	(2.26)	9570.87	
	Extra labour for ramming of rock-Beldar	per day	2.75	254.00	(0114)	698.50	(A)
	Add for water charges @ 1 % on A					6.99	(B)
	Total(A+B)					705.49	X
	Add GST 12% on "X"(multiplying factor 0.1405)					99.12	
	Total					804.61	Y
	Add for contractors profit and overheads @ 15% on "y"					120.69	
	Total					925.30	
	Cost of 80 m length of pipe					67526.65	
	Cost of 1 m length of pipe					844.08	
	Add labour cess @ 1%					8.44	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Rate including labour cess					852.52	
	Cost of 1 m length of pipe	**Say Rs.**	**852.50**	**per metre length of pipe**			
2.13.2.3	**Pipes, cables tec. Exceeding 300 mm dia.**						
	Details of cost for 30 m length of a pipe of an average dia say 450 mm.						
	Slope assumed 1 in 200						
	Excavation-						
	Same as in item No. 2.13.1.3	cum	40.399	609.30	(2.9.2)	24615.11	
	Refilling, ramming and watering	cum	40.399	102.25	(2.26)	4130.91	
	Extra labour for ramming of rock Beldar	per day	1.17	254.00	(01 14)	297.18	(A)
	Add for water charges @ 1 % on A					2.97	(B)
	Total(A+B)					300.15	X
	Add GST 12% on "X"(multiplying factor 0.1405)					42.17	
	Total					342.32	Y
	Add for contractors profit and overheads @ 15% on "y"					51.35	
	Total					393.67	
	Cost of 30 m length of pine					29587.20	
	Cost of 1 m length of pipe					986.24	
	Add labour cess @ 1%					9.86	
	Rate including labour cess					996.10	
		Say Rs.	**996.10**	**per metre length of pipe**			
2.13.3	**Hard rock (blasting prohibited)**						
2.13.3.1	Pipe, cables etc. not exvceeding 80 mm dia.						
	Details of cost for 180 m length, of a pipe of an average dia say 40 mm.						
	Slope assumed 1 in 200						
	Excavation-						
	Quantity same as in item 2.10.1.1	cum	85.05	1023.23	(2.9.3)	87026.01	
	Refiling, ramming and watering	cum	85.05	102.25	(2.26)	8696.61	
	Extra labour for ramming of rock Beldar	per day	2.50	254.00	(0114)	635.00	(A)
	Add for water charges @ 1 % on A					6.35	(B)
	Total(A+B)					641.35	X
	Add GST 12% on "X"(multiplying factor 0.1405)					90.11	
	Total					731.46	Y
	Add for contractors profit and overheads @ 15% on "y"					109.72	
	Total					841.18	
	Cost of 180 m length of pipe					96563.80	
	Cost of 1 m length of pipe					536.47	
	Add labour cess @ 1%					5.36	
	Rate including labour cess					541.83	
		Say Rs.	**541.80**	**per metre length of pipe**			
2.13.3.2	**Pipes, cables etc. exceeding 80 mm dia. But not exceeding 300 mm dia.**						
	Details of cost for 80 m length of a pipe of an average dia say 200 mm.						
	Slope assumed 1 in 200						
	Excavation-						
	Ouantily same as in item No. 2.13.1.2	cum	93.60	1023.23	(2.9.3)	95774.66	
	Refilling, ramming and watering	cum	93.60	102.25	(2.26)	9570.87	
	Extra labour for ramming of rock						

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Beldar	per day	2.50	254.00	(0114)	635.00	(A)
	Add for water charges @ 1 % on A					6.35	(B)
	Total(A+B)					641.35	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					90.11	
	Total					731.46	Y
	Add for contractors profit and overheads @ 15% on "y"					109.72	
	Total					841.18	
	Cost of 80 m length of pipe					106186.71	
	Cost of 1 m length of pipe					1327.33	
	Add labour cess @ 1%					13.27	
	Rate including labour cess					1340.61	
	Cost of 1 m length of pipe	**Say Rs. 1340.60 per metre length of pipe**					
2.13.3.3	**Pipes, cables etc. exceeding 300 mm dia.**						
	Details of cost for 30 m length of a pipe of an average dia. Say 450 mm.						
	Slope assumed 1 in 200						
	Excavation -						
	Quantity same as in item 2.13.1.3	cum	40.40	1023.23	(2.9.3)	41337.61	
	Refilling, ramming ans watering	cum	40.40	102.25	(2.26)	4130.91	
	Extra labour for ramming of rock						
	Beldar	per day	1.17	254.00	(0114)	297.18	(A)
	Add for water charges @ 1 % on A					2.97	(B)
	Total(A+B)					300.15	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					42.17	
	Total					342.32	Y
	Add for contractors profit and overheads @ 15% on "y"					51.35	
	Total					393.67	
	Cost of 30 m length of pipe					45862.19	
	Cost of 1 m lengtti of pipe					1528.74	
	Add labour cess @ 1%					15.29	
	Rate including labour cess					1544.03	
		Say Rs. 1544.00 per metre length of pipe					
2.14	***Extra for excavating trenches for pieps, cables, etc.in ordinary/hard rock exceeding 1.5 m in depth but not exceeding 3 m.(Raate is over coresponding basic item for depth upto 1.5 metre.) Details of cost for 300 m length of a pipe of an average dia. Say 200 mm. Slope assumed 1 in 200.**						
	Excavation-						
	100x0.9x1.75 = 157.50						
	200x0.9x2.00 = 360.00						
	517.50 com	cum	517.5	609.30	(2.9.2)	315312.75	
	1/2x200x1.9x1 = 190 cum	cum	190	615.31	(2.7.2)	116908.18	
	Refilling, ramming and watering 517.50+19.00 = 707.50 cum	cum	707.5	102.25	(2.26)	72343.91	
	Extra for additional lift 1/2x300x0.9x1.5=202.50 cum	cum	202.5	72.77	(2.27.2)	14734.97	
	Extra labour for ramming of rock						
	Beldar	per day	16.5	254.00	(0114)	4191.00	(A)
	Add for water charges @ 1 % on A					41.91	(B)
	Total(A+B)					4232.91	(M)
	Add GST 12% on "M"(multiplying factor 0.1405)					594.72	
	Total					4827.63	(N)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Add for contractors profit and overheads @ 15% on "N"					724.15	
	Total					5551.78	
	Cost of 300 metre					524851.59	
	Cost of 1 metre					1749.51	(X)
	Rate as per item 2.13.2.2	metre		844.08	(2.13.2.2)	844.08	(Y)
	Extra over item 2.13.2.2 Say X-Y = Z					905.42	(Z)
	i.e. (Zx100)/ Y% = %					107.27	
	Add labour cess @ 1%					1.07	
	Rate including labour cess					108.34	
		Say Rs.	**108.30**	**per metre**			

2.15 Extra for excavating trenches for pipes, cables, etc.in ordinary/hard rock exceeding 3m in depth but not exceeding 4.5 m. (Rate is over coresponding basic item. For depth upto 1.5 metre.)

Details of cost for a 100 m length of pipe of an average dia. Say 200 mm. Slope assuemd 1 in 200. Max depth assumed 3.5 m.						
Excavation						
100x0.9x2=180	cum	180.00	609.30	(2.9.2)	109674.00	
100x1.9x1.25 = 237.5	cum	237.50	615.31	(2.7.2)	146135.22	
Extra for additional lift-						
1x100x0.9x1.5 = 135						
2x0.5x100x0.9x0.5 = 45						
180 cum	cum	180.00	72.77	(2.27.2)	13097.75	
Refilling, ramming and watering 180+237.5 = 417.5 cum	cum	417.50	102.25	(2.26)	42690.58	
Extra labour for ramming of rock Beldar	per day	9.25	254.00	(0114)	2349.50	(A)
Add for water charges @ 1% on A					23.50	(B)
Total					2373.00	(M)
Add GST 12% on "M"(multiplying factor 0.1405)					333.41	
Total					2706.40	(N)
Add for contraactor's profit and overheads @ 15% on"N"					405.96	
Total					3112.36	
Cost of 100 metre					314709.91	
Cost of 1 metre					3147.10	(X)
Extra over item 2.12 i.e. cost over item 2.13.2.2						
say= Y	m length	of pipe	844.08	(2.13.2.2)	844.08	(Y)
X-Y = Z					2303.02	(Z)
i.e.=(Z/y)x100 = %					272.84	
Add labour cess @ 1%					2.73	
Rate including labour cess					275.57	
		Say Rs.	**275.60**	**per metre**		

2.16 Close timbering in trenches including strutting. Shoring and packing cavities (wherever required) complete. (Measurements to be taken of the face area timbered):

2.16.1 **Depth not exceeding 1.5 m.**

Details of cost for a trench 30 m long and 1.5 m deep area 2x30x1.5=90 sqm-

Materials:

The material can be used four times on the same work and after use of material credit is given @ 75% of cost

Poling boards of 2nd class Kail wood planks

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	90x0.038 = 3.42 cum = 3420 dm2	10 cudm	342.00	241.99	(1198)	82759.93	(Y)
	Walings-100mm x 100mm of 2nd class kail wood						
	in scantling 4x30x0.1 = 1.20 cum = 1200 dm^3	10 cudm	120.00	241.99	(1197)	29038.57	(Y)
	Safeda Balli struts (12.5 mm dia and 105 m long)						
	2x17x1.5 = 51	metre	51.00	32.57	(0302)	1661.07	(Y)
	Carriage:						
	Poling boards - 3 42 cum						
	Walings = 1.20 cum						
	Balli struts tr/4x $(0.125)^3$ x51 =0.3 cum						
	5.25 cum	cum	5.25	123.51	(2204)	648.45	(A)
	Deduct credit for materials after use at 75% of the cost of materials 3/4xY = X					85581.02	(X)
					(Y-X)	27878.56	(Z)
	This can be used four times the same work						
	therefore,cost for using once		0.25	27878.56	(Z)	6969.64	(B)
	Carpenter II class	per day	0.50	305.00	(0112)	152.50	
	Beldar	per day	1.00	254.00	(0114)	254.00	
	Sundries	1 time	26.91	1.80	(9999)	48.44	
						7424.58	
	Add for water charges © 1%					74.25	
	Total					7498.82	(M)
	Add GST 12% on "M"(multiplying factor 0.1405)					1053.58	
	Total					8552.41	(N)
	Add for contractor's profit and over-heads @ 15% on "N"					1282.86	
	Cost of 90 sqm					9835.27	
	Cost of 1 sqm					109.28	
	Add labour cess @ 1%					1.09	
	Rate including labour cess					110.37	
			Say Rs.	**110.40**	**Per sqm**		
2.16.2	**Depth exceeding 1.5 m but not exceeding 3 m. Details of cost for a trench 30 m long and 1.5 m deep Area = 2x30x1.5 = 90 sqm**						
	Materials:						
	Same as B vide item 2.16.1	sqm	1.00	6969.64	(2.16.1-B)	6969.64	
	Labour:						
	Carpenter II class	per day	0.75	305.00	(0112)	228.75	
	Beldar	per day	2.00	254.00	(0114)	508.00	
	Sundires	1 time	15.55	1.80	(9999)	27.99	
	Total					7734.38	
	Add for water charges @ 1 %					77.34	
	Total					7811.72	X
	Add GST 12% on "X"(multiplying factor 0.1405)					1097.55	
	Total					8909.27	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					1336.39	
	Cost of 90 sqm					10245.66	
	Cost of 1 sqm					113.84	
	Add labour cess @ 1%					1.14	
	Rate including labour cess					114.98	
			Say Rs.	**115.00**	**Per sqm**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
2.16.3	**Depth exceeding 3m but not exceeding 4.5 m Details of cost for a atrench of 30 m long and 1.5 m deep Area =2x30x1.5 = 90 sqm**						
	Materials:						
	Same as B vide item no 2.16.1	sqm	1	6969.64	(2.16.1-B)	6969.64	
	Labour:						
	Carpenter II class	per d3y	1.5	305.00	(0112)	457.50	
	Beldar	per day	4	254.00	(0114)	1016.00	
	Sundries	1 time	31.05	1.80	(9999)	55.89	
	Total					8499.03	
	Add for water charges @ 1 %					84.99	
	Total					8584.02	X
	Add GST 12% on "X"(multiplying factor 0.1405)					1206.05	
	Total					9790.07	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					1468.51	
	Cost of 90 sqm					11258.58	
	Cost of 1 sqm					125.10	
	Add labour cess @ 1%					1.25	
	Rate including labour cess					126.35	
			Say Rs.	**126.400**	**Per sqm**		
2.17	**Close timbering in case of shafts, wells, cesspits, manholes and the like inculuding strutting, shoring and packing cavities (wherever required) complete (Measurements to be taken of the face area timebered):**						
2.17.1	Depth not exceeding 1.5 m. Details of cost for a manhole 1_2mx1.0mx1.5m-Surface area 2 (1.2+1)x1.5=6.60 sqm						
	Materials:						
	Poling boards of 2nd class kail wood planks- 6x6x0.038 = 0.251 cum= 251 dm^1	10 cudm	25.1	241.99	(1198)	6073.90	(Y)
	Walings 2nd class kail wood scantiines 2x2x1.124cO.1x0.1= 0.045 cum 2x2x0.924x0.1x0.1= 0.037 cum = 0.082 cum = 82 dm^3	10 cud m	8.2	241.99	(1197)	1984.30	(Y)
	Safeda Balli struts (125 mm dia and 1.5 m long)- 2x2x0.924 = 3.696 2x2x0.724 = 2.896 = 6.592 m	metre	6.59	32.57	(0302)	214.64	(Y)
	Carriage: poling boards =0.251 cum Walings =0.082 cum Balli struts 22 $(0.125)^J$-4x7x6.59=0.081cum 0.414 cum	cum	0.414	123.51	(2204)	51.13	(Y)
	Deduct credit for materials after use at 75% of the cost of materials 3/4 xY = X					6242.98	(X)
	(Y)-(X)					2080.99	(Z)
	Labour:						
	This can be used four times on the same work therefore cost for using once		0.25	2080.99	(Z)	520.25	(B)
	Carpenter II class	per day	0.06	305.00	(0112)	18.30	
	Beldar	per day	0.12	254.00	(0114)	30.48	
	Sundries	1 time	2.73	1.80	(9999)	4.91	
						573.94	
	Add for water charges @ 1 %					5.74	
	Total					579.68	(M)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add GST 12% on "M"(multiplying factor 0.1405)					81.44
	Total					661.12 (N)
	Add for contractor's profit and over-heads @ 15% on "N"					99.17
	Total					760.29
	Cost of 6.6 sqm					
	Cost of 1 sqm					115.20
	Add labour cess @ 1%					1.15
	Rate including labour cess					116.35
			Say	**116.30**	**Per sqm**	
2.17.2	**Depth exceeding 1.5 m but not exceeding 3 m**					
	Details of cost for a manhole 1.2 mx1.0mx1.5m					
	Surface area = 2(1.2+1.0)x1.5=6.6 sqm					
	Materials:					
	Same as (B) in item No. 2.17.1	sqm	1.00	520.25	(2.17.1-B)	520.25
	Labour:					
	Carpenter II class	per day	0.12	305.00	(0112)	36.60
	Beldar	per day	0.25	254.00	(0114)	63.50
	Sundries	1 time	5.46	1.80	(9999)	9.83
	Total					630.18
	Add for water charges @ 1 %					6.30
	Total					636.48 X
	Add GST 12% on "X"(multiplying factor 0.1405)					89.43
	Total					725.91 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					108.89
	Cost of 6.6 sqm					834.79
	Cost of 1 sqm					126.48
	Add labour cess @ 1%					1.26
	Rate including labour cess					127.74
				Say	**127.70**	**Per sqm**
2.17.3	**Depth exceeding 3 m but not exceeding 4.5 m**					
	Details of cost of a manhole 1.2 mx1.0x1.5m					
	Surface area = 2(1.2+1.0)x1.5=6.6 sqm-					
	Materials:					
	Same as (B) in item No. 2.1 7.1	sqm	1.00	520.25	(2.17.1-B)	520.25
	Labour:					
	Carpenter II class	per day	0.19	305.00	(0112)	57.95
	Beldar	per day	0.38	254.00	(0114)	96.52
	Sundries	1 time	8.06	1.80	(9999)	14.51
	Total					689.23
	Add for water charges @ 1 %					6.89
	Total					696.12 X
	Add GST 12% on "X"(multiplying factor 0.1405)					97.81
	Total					793.93 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					119.09
	Cost of 6.6 sqm					913.02
	Cost of 1 sqm					138.34
	Add labour cess @ 1%					1.38
	Rate including labour cess					139.72
				Say	**139.70**	**Per sqm**

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.

2.18 Close timbering over areas including strutting.shoring and packing, cavities (wherever required)

2.18.1	Depth not exceeding 1 5 m						
	Details of cost for an area 30m long and 1.5m deep						
	Area-30mx1.5m=45sqm						
	Materials:						
	Poling boards of II class Kail wood Plank = 250x38mm						
	45x0.038=1.71cum = 1.710dm3	10cudm	171.00	241.99	(1198)	41379.96	(Y)
	Walings of II class kaii wood in scantling 100x100mm						
	30x0.1x0.1=0.30 cum = 300dm3	10cudm	30.00	241.99	(1197)	7259.64	(Y)
	Raking struts safeda balleis 125mm dia.						
	17x1.5=25.5 m	metre	25.50	32.57	(0302)	830.54	(Y)
	Carriage:						
	Poling boards =1.71cum						
	Walings =.30cum						
	Raking struts $(\pi)x(0.125)^2/4$ = 0.323cum						
	2.323cum	cum	2.323	123.51	(2204)	286.92	(Y)
	Deduct credit for materials after use at 75% of the cost of materials 3/4 Y = X					37317.80	(X)
	Labour:		Z =	Y - X		12439.27	(Z)
	This can be used four times on the same work						
	Therefore cost for using once		0.25	12439.27	(Z)	3109.82	(B)
	Carpenter II class	per day	0.25	305.00	(0112)	76.25	
	Beldar	per day	0.50	254.00	(0114)	127.00	
	Sundires	1 time	31.46	1.80	(9999)	56.63	
	Total					3369.70	
	Add for water charges @ 1%					33.70	
	Total					3403.40	(M)
	Add GST 12% on "M"(multiplying factor 0.1405)					478.18	
	Total					3881.57	(N)
	Add for contractor's profit and over-heads @ 15% on "N"					582.24	
	Cost of 45 sqm					4463.81	
	Cost of 1 sqm					99.20	
	Add labour cess @ 1%					0.99	
	Rate including labour cess					100.19	
				Say	**100.20**	**Per sqm**	
2.18.2	**Depth exceeding 1.5 m but not exceecimy 3 m Details of cost for an area 30 m iong and 1.5 deep**						
	Area = 30x1.5=45 sqm						
	Materials:						
	Same as (B) in item No. 2.18.1	sqm	1.00	3109.82	(2.18.1-B)	3109.82	
	Labour:						
	Carpenter II class	per day	0.50	305.00	(0112)	152.50	
	Beldar	per day	1.00	254.00	(0114)	254.00	
	Sundries	1 time	34.06	1.80	(9999)	61.31	
	Total					3577.63	
	Add for water charges @ 1 %					35.78	
	Total					3613.41	X
	Add GST 12% on "X"(multiplying factor 0.1405)					507.68	
	Total					4121.09	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Add for contractor's profit and over-heads @ 15% on "y"					618.16	
	Cost of 45 sqm					4739.25	
	Cost of 1 sqm					105.32	
	Add labour cess @ 1%					1.05	
	Rate including labour cess					106.37	
				Say Rs.	**106.40**	**Per sqm**	
2.18.3	**Depth exceeding 3 m but not exceeding 4.5 m. Details of cost for an area 30 m long and 1.5 deep Area = 30x1.5=45 sqm**						
	Materials:						
	Same as (B) in item No. 2.18.1	sqm	1.00	3109.82	(2.18.1-B)	3109.82	
	Labour:						
	Carpenter II class	per day	0.75	305.00	(0112)	228.75	
	Beldar	per day	1.50	254.00	(0114)	381.00	
	Sundries	1 time	47.58	1.80	(9999)	85.64	
	Total					3805.21	
	Add for water charges @ 1 %					38.05	
	Total					3843.26	X
	Add GST 12% on "X"(multiplying factor 0.1405)					539.98	
	Total					4383.24	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					657.49	
	Cost of 45 sqm					5040.73	
	Cost of 1 sqm					112.02	
	Add labour cess @ 1%					1.12	
	Rate including labour cess					113.14	
			Say Rs.		**113.10**	**Per sqm**	
2.19	**Extra for planking, strutting and packing materials for cavities i(in close timbering) if required to be left permanently in position (Face area of timber perma nently left to be measured) Details of cost for a trench 30 m long and 1.5 m deep Area =2x30x1.5 = 90 sqm**						
	Materials:						
	Details for materials-						
	Same as (Y) in item 2.16.1	sqm	1.00	113459.6	(2.16.1-Y)	113459.57	(A)
	Carriage 1/2 of carriage of item 2.16.1	sqm	0.50	648.45	(2.16.1 -A)	324.23	(B)
	Less 1/8 of Y as timber is supposed to be used once before					14222.98	
	Total					99560.83	
	Add for water charges @ 1%					995.61	
	Total					100556.43	X
	Add GST 12% on "X"(multiplying factor 0.1405)					14128.18	
	Total					114684.61	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					17202.69	
	Cost of 90 sqm					131887.30	
	Cost of 1 sqm					1465.41	
	Add labour cess @ 1%					14.65	
	Rate including labour cess					1480.06	
			Say Rs.		**1480.10**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
2.20	**Open timbering in trenches including strutting and shoring complete (Measurements to be taken of the face area timbered).**					
2.20,1	**Depth not exceeding 1.5 m. Details of cost for a trench of tenth 30 m and 1.5 m deep surface area -2x30x1.5=90 sqm.**					
	Materials:					
	Polling board 1.5 mx0.25mx0.038 m 2x40x1.5x0.25x0.038=1.14 cum = 1140 dm^3	10 cudm	114	241.99	(.1198)	27586.64 (Y)
	(Rate as per ii class kail wood plank)Waling 100mm x 100 mm- 4x30mxO.1mxO.1m = 1.20cum= 1200dm^3	10 cudm	120	241.99	(1197)	29038.57 (Y)
	(Rate peril class kali wood in scanttlmg) Sareda Bailies struts(125 mm dia and 1 5 m long) 2x17x1.5=51 m	metre	51	32.57	(0302)	1661.07 (Y)
	Carriage.- Polling board	cum	2.97	123.51	(2204)	366.84 (Y)
	Deducting credit for material after use @75% of the cost materials = 3/4 x Y = X					43989.84 (X)
	Z = Y - X					14296.44 (Z)
	Labour:					
	This can be used four times on the same work-there for cost for using once		0.25	14296.44	(Z)	3574.11 (B)
	Carpenter II class	per day	0.25	305.00	(0112)	76.25
	Beldar	per day	0.50	254.00	(0114)	127.00
	Sundries	1 time	19.76	1.80	(9999)	35.57
						3812.93
	Add for water charges @ 1 %					38.13
	Total					3851.06 (M)
	Add GST 12% on "M"(multiplying factor 0.1405)					541.07
	Total					4392.13 (N)
	Add for contractor's profit and over-heads @ 15% on "N"					658.82
	Cost of 90 sqm					5050.95
	Cost of 1 sqm					56.12
	Add labour cess @ 1%					0.56
	Rate including labour cess					56.68
			Say Rs.		**56.700**	**Per sqm**
2.20.2	**Depth exceeding 1.5 m but not exceeding 3 m Details of cost of a trench of length 30 m and 1.5 m deep Surface area =2x30x1.5= 90 sqm.**					
	Materials:					
	Same as (B) in item 2.20.1	sqm	1.00	3574.11	(2.20.1-B)	3574.11
	Labour:					
	Carpenter II class	per day	0.50	305.00	(0112)	152.50
	Beldar	per day	1.00	254.00	(0114)	254.00
	Sundries	1 time	33.15	1.80	(9999)	59.67
	Total					4040.28
	Add for water charges @ 1 %					40.40
	Total					4080.68 X
	Add GST 12% on "X"(multiplying factor 0.1405)					573.34
	Total					4654.02 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					698.10

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Cost of 90 sqm					5352.12
	Cost of 1 sqm					59.47
	Add labour cess @ 1%					0.59
	Rate including labour cess					60.06
			Say Rs.		**Rs. 60.10**	**Per sqm**
2.20.3	**Depth exceeding 3 m but not exceeding 4. m. Details of cost for a trench of 30 m length and 1.5 m deep surface area =2x30x1.5= 90 sqm**					
	Materials:					
	Sane as (B) in item 2.20.1	sqm	1.00	3574.11	(2.20.1-B)	3574.11
	Labour:					
	Carpenter II class	per day	1.00	305.00	(0112)	305.00
	Beldar	per day	1.75	254.00	(0114)	444.50
	Sundries	1 time	46.67	1.80	(9999)	84.01
	Total					4407.62
	Add for water charges @ 1 %					44.08
	Total					4451.70
	Add GST 12% on "X"(multiplying factor 0.1405)					625.46
	Total					5077.16 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					761.57
	Cost of 90 sqm					5838.73
	Cost of 1 sqm					64.87
	Add labour cess @ 1%					0.65
	Rate including labour cess					65.52
			Say Rs.		**Rs. 65.50**	**Per sqm**
2.21	**Open timbering in case of shafts, wells, cesspits, manholes and the like including strutting and shoring complete (measurements to be taken of the face area timbered):**					
2.21.1	**Depth not exceeding 1.5 m**					
	Details of cost for a manhole 1.2 m x1 m x 1.5 m.					
	Surface area 2(1.2+1)x1.5=606 sqm					
	Materials:					
	Polling boards of 2nd class kail wood planks 250 mm wide and 38 mm thick					
	6x0.25x1.5x0.038=0.086 cum=86 dm^3	10 cudm	8.600	241.99	(1198)	2081.10 (Y)
	Walings - 2nd class kaill wood inscantling 100mrn x l00 mm 4x1.2x0.1=0.048 cum=48 dm^3	10 cudm	4.800	241.99	(1197)	1161.54 (Y)
	Safeda Balli struts 125 mm dia 4x1.0=4.0 2x1.2=2.4=6.40	metre	6.400	32.57	(0302)	208.45 (Y)
	Carriage:					
	Poling boards = 0.086 cum					
	Walings = 0.048 cum					
	Balli struts 2274x7$(0.125)^3$ x6.4 = 0.079 cum	cum	0.213	123.51	(2204)	26.31 (A)
	Deduct credit for materials after use -75% of the cost of materials 3/4 x y = x					
						2608.05 (X)
	Z = Y - X					843.04 (Z)
	This can be used for items on the same work					
	Therfore cost for using once		0.250	843.04	(Z)	210.76 (B)
	Labour:					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Carpenter II class	per day	0.030	305.00	(0112)	9.15	
	Beldar	per day	0.060	254.00	(0114)	15.24	
	Sundries	1 time	1.820	1.80	(S999)	3.28	
	Total					238.43	
	Add for water charges @ 1 %					2.38	
	Total					240.81	(M)
	Add GST 12% on "M"(multiplying factor 0.1405)					33.83	
	Total					274.65	(N)
	Add for contractor's profit and over-heads @ 15%					41.20	
	Cost of 6.6 sqm					315.85	
	Cost of 1 sqm					47.86	
	Add labour cess @ 1%					0.48	
	Rate including labour cess					48.34	
			Say Rs.		**Rs. 48.30**	**Per sqm**	
2.21.2	**Depth exceeding 1.5 m but not exceeding 3 m**						
	Details of cost for manhole of length of 1.2 m width 1.0 m and depth 1.5						
	Surface area = 2(1.2+1)x1.5=6.6 sqm.						
	Materials:						
	Same as (B) in item 2.21.1	som	1.000	210.76	(2.21.1-B)	210.76	
	Labour:						
	Carpenter II dass	per day	0.060	305.00	(0112)	18.30	
	Beldar	per day	0.120	254.00	(0114)	30.48	
	Sundries	1 time	2.730	1.80	(9999)	4.91	
	Total					264.45	
	Add for water charges @ 1%					2.64	
	Total					267.09	X
	Add GST 12% on "X"(multiplying factor 0.1405)					37.53	
	Total					304.62	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					45.69	
	Cost of 6.6 sqm					350.31	
	Cost of 1 sqm					53.08	
	Add labour cess @ 1%					0.53	
	Rate including labour cess					53.61	
			Say Rs.		**Rs. 53.60**	**Per sqm**	
2.21.3	**Depth exceeding 3 m but not exceeding 4.5 m Details of cost for manhole of length of 1.2 m width 1.0 m and depth 1.5**						
	Surface area = 2(1.2+1.0)x1.5=6.6 sqm.						
	Materials:						
	Same as (B) in item 2.21.1	sqm	1	210.76	(2.21.1-B)	210.76	
	Labour:						
	Carpenter II ciass	per day	0.1	305.00	(0112)	30.50	
	Beldar	per day	0.2	254.00	(0114)	50.80	
	Sundries	1 time	3.64	1.80	(9999)	6.55	
	Total					298.61	
	Add for water charges @ 1 %					2.99	
	Total					301.60	X
	Add GST 12% on "X"(multiplying factor 0.1405)					42.37	
	Total					343.97	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					51.60	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Cost of 6.6 sqm					395.57
	Cost of 1 sqm					59.93
	Add labour cess @ 1%					0.60
	Rate including labour cess					60.53
				Say	**Rs. 60.50**	**Per sqm**
2.22	**Open timbering over areas including strutting, shoring and use and waste of raking shores, complete (Measurements to be taken of the face area timbered)**					
2.22.1	**Depth not exceeding 1.5**					
	Details of cost for an area 30 m long and 1.5 m deep area = 30x 1.5=45 sqm					
	Materials:					
	Poling boards of II class kail wood Planks 250 mm x 38 mm	10 cudm	57.00	241.99	(1198)	13793.32 (Y)
	40x1.5x0.25x0.038=0.57 *cum* =570 dm^3					
	Raking struts - safeda Bailies 125 mm dia 40x1.5=60m	metre	60.00	32.57	(0302)	1954.20 (Y)
	Carriage:					
	Polling boards = 0.57 cum					
	Bailies 40x1.5xπx1/4x$(0125)^2$=0.74cum=1.31cum	cum	1.31	123.51	(2204)	161.80 (Y)
	Deduct credit for materials after use at 75% of the cost of materials 3/4 x y = x					11810.64 (X)
						3936.88 (Z)
	This can be used four times on the same work					
	Therfore cost for using once		0.25	3936.88	(Z)	984.22 (B)
	Labour:					
	Carpenter II class	per day	0.12	305.00	(0112)	36.60
	Beldar	per day	0.25	254.00	(0114)	63.50
	Sundries	1 time	19.76	1.80	(9999)	35.57
						1119.89
	Add for water charges @ 1 %					11.20
	Total					1131.09 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					158.92
	Total					1290.01 (Y)
	Add for contractor's profit and over-heads *15% on "Y"*					193.50
	Cost of 45 sqm					1483.51
	Cost of 1 sqm					32.97
	Add labour cess @ 1%					0.33
	Rate including labour cess					33.30
				Say	**Rs. 33.30**	**Per sqm**
2.22.2	**Depth exceeding 1.5 m but not exceeding 3 m Details of cost for an area of 30 m long and 1.5 m deep area = 30x1.5 = 45 sqm**					
	Materials:					
	Same as (B) in item no 2.22.1	sqm	1.00	984.22	(2.22.1-**B**)	984.22 (B)
	Labour:					
	Carpenter II class	per day	0.25	305.00	(0112)	76.25
	Ordinary labour	per day	0.50	254.00	(0114)	127.00
	Sundries	1 time	33.15	1.80	(9999)	59.67
	Total					1247.14
	Add for water charges @ 1 %					12.47
	Total					1259.61 X
	Add GST 12% on "X"(multiplying factor 0.1405)					176.98

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Total					1436.59	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					215.49	
	Cost of 45 sqm					1652.07	
	Cost of 1 sqm					36.71	
	Add labour cess @ 1%					0.37	
	Rate including labour cess					37.08	
				Say	**Rs. 37.10**	**Per sqm**	
2.22.3	**Depth exceeding 3 m but not exceeding 4.5 m Details of cost for an area 30 in long and 1.5 m deep area = 30x1.5** - 45 sqm						
	Materials:						
	Same as (B) in item no 2.22.1	sqm	1.00	984.22	(2.22.1-B)	984.22	
	Labour:						
	Carpenter II class	per day	0.50	305.00	(0112)	152.50	
	Beldar	per day	0.88	254.00	(0114)	223.52	
	Sundries	1 time	47.58	1.80	(9999)	85.64	
	Total					1445.88	
	Add for water charges @ 1%					14.46	
	Total					1460.34	X
	Add GST 12% on "X"(multiplying factor 0.1405)					205.18	
	Total					1665.52	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					249.83	
	Cost of 45 sqm					1915.34	
	Cost of 1 sqm					42.56	
	Add labour cess @ 1%					0.43	
	Rate including labour cess					42.99	
				Say	**Rs. 43.00**	**Per sqm**	
2.23	**Extra for planking and strutting in open timbering if required to be left permanently in position (face area of the timber permanently left to be measured).**						
	Details of cost for a trench 30 m long and 1.5m deep surface area 2x30x1.5=90 sqm					-	
	Materials:						
	Same as (Y) in item no. 2.20.1	sqm	1.00	58286.28	(2.20.1-Y)	58286.28	(A)
	Carriage 1/2 of the carriage of item no 2.20.1	sqm	0.50	366.84	(2.20.1-A)	183.42	(B)
	Less 1/8th of (Y) as timber is supposed to be used once before	sqm	0.13	58286.28	(2.20.1-Y)	7285.79	
						51000.49	(Z)
	Add for water charges @ 1%					510.00	
						51510.49	(M)
	Add GST 12% on "M"(multiplying factor 0.1405)					7237.22	
	Total					58747.72	(N)
	Add for contractor's profit and over-heads @ 15% on (N)					8812.16	
	Cost of 90 sqm					67559.88	
	Cost of 1 sqm					750.67	
	Add labour cess @ 1%					7.51	
	Rate including labour cess					758.18	
				Say	**Rs. 758.20**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
2.25	**Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.**					
	Details for 10.91kl-					
	Pumping hours 3 hrs. or 0.375 days.					
	Cost of pumping water with 3636.8 litres per hour					
	capacity pump.	Per day	0.375	650.00	(0011)	243.75
	Beldar	per day	2.000	254.00	(0114)	508.00
	Total					751.75
	Add for water charges @ 1 %					7.52
	Total					759.27 X
	Add GST 12% on "X"(multiplying factor 0.1405)					106.68
	Total					865.94 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					129.89
	Cost of 10.91 Kl					995.84
	Cost of 1 Kl					91.28
	Add labour cess @ 1%					0.91
	Rate including labour cess					92.19
				Say	**Rs. 92.20**	**Per Kl**
2.26	**Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each oeposited layer by ramming and watering lead**					
	Upto 50m and lift upto 1.5m					
	Details of cost for 10 cum					
	Labour:					
	Mate	per day	0.200	270.00	(0128)	54.00
	Coolies	per day	2.500	265.00	(0115)	662.50
	Bhisthi	per day	0.200	277.00	(0101)	55.40
	Total					771.90
	Add for water charges @ 1 %					7.72
	Total					779.62 X
	Add GST 12% on "X"(multiplying factor 0.1405)					109.54
	Total					889.16 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					133.37
	Cost of 10 cum					1022.53
	Cost of 1 cum					102.25
	Add labour cess @ 1%					1.02
	Rate including labour cess					103.27
				Say	**Rs. 103.30**	Per cum
2.27	**Extra for evey additional lift of 1.5 m or part there of in :**					
2.27.1	All kinds of soil.					
	Details of cost of 10 cum					
	Labour:					
	Mate	per day	0.100	270.00	(0128)	27.00
	Beldar	per day	1.100	254.00	(0114)	279.40
	Total					306.40
	Add for water charges @ 1 %					3.06
	Total					309.46 X

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Add GST 12% on "X"(multiplying factor 0.1405)					43.48	
	Total					352.94	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					52.94	
	Cost of 10 cum					405.89	
	Cost of 1 cum					40.59	
	Add labour cess @ 1%					0.41	
	Rate including labour cess					41.00	
			Say	**Rs. 41.00**	Per cum		
2.27.2	**Ordinary or hard rock Details of cost for 10 cum**						
	Labour:						
	Mate	per day	0.20	270.00	(0128)	54.00	
	Beldar	per day	1.95	254.00	(0114)	495.30	
	Total					549.30	
	Add for water charges @ 1 %					5.49	
	Total					554.79	X
	Add GST 12% on "X"(multiplying factor 0.1405)					77.95	
	Total					632.74	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					94.91	
	Cost of 10 cum					727.65	
	Cost of 1 cum					72.77	
	Add labour cess @ 1%					0.73	
	Rate including labour cess					73.50	
		Say Rs.	**73.50**	per cum			
2.28	**Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete. Details of cost for 10 cum**						
	Materials:						
	Local sand	cum	10.00	117.66	(6501)	1176.60	
	Carriage of Local sand	cum	10.00	0.00	(2335)	0.00	
	Labour:						
	Beldar	per day	0.89	254.00	(0114)	226.06	
	Coolies	per day	1.07	265.00	(0115)	283.55	
	Bhishties	per day	0.35	277.00	(0101)	96.95	
	Total					1783.16	
	Add for water charges @ 1 %					17.83	
	Total					1800.99	X
	Add GST 12% on "X"(multiplying factor 0.1405)					253.04	
	Total					2054.03	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					308.10	
	Cost of 10 cum					2362.14	
	Cost of 1 cum					236.21	
	Add labour cess @ 1%					2.36	
	Rate including labour cess					238.57	
			Say Rs.	**238.60**	**per cum**		
2.29	**Surface dressing of the ground induding removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m**						
2.29.1	Ail kinds of soil.						
	Details of cost for 100 sqm.						
	Labour:						

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Beldar	per day	1.97	254.00	(0114)	500.38	
	Coolies	per day	1.29	265.00	(0115)	341.85	
	Total					842.23	
	Add for water charges @ 1 %					8.42	
	Total					850.65	X
	Add GST 12% on "X"(multiplying factor 0.1405)					119.52	
	Total					970.17	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					145.53	
	Cost of 100 sqm					1115.69	
	Add labour cess @ 1%					11.16	
	Rate including labour cess					1126.85	
			Say Rs.	**1126.90**	**per 100 sqm**		

2.30 Ploughing the existing ground to a depth of 15 cm to 25 cm and watering the same:

2.30.1	All kinds of soil. Details of cost for 100 sqm.						
	Labour:						
	Beldar	per day	2.75	254.00	(0114)	698.50	
	Bhishti	per day	0.50	277.00	(0101)	138.50	
	Total					837.00	
	Add for water charges @ 1%					8.37	
	Total					845.37	X
	Add GST 12% on "X"(multiplying factor 0.1405)					118.77	
	Total					964.14	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					144.62	
	Cost of 100 sqm					1108.77	
	Add labour cess @ 1%					11.09	
	Rate including labour cess					1119.86	
			Say Rs.	**1119.90**	**per 100 sqm**		

2.31 Excavating holes upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layer not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering etc, disposing of surplus excavated soil; as directed within a lead of 50 m and lift upto 1.5m.

2.31.1	**All kinds of soil.**						
	Details of cost for 10 holes Earthwork 10 x 0.30 =3.0cum						
	cum	cum	3.00	319.60	(2.8.1)	958.80	(A)
	Extra labour for filling and ramming	LS	13.52	1.80	(9999)	24.34	(B)
	Add for water charges @ 1 % on B					0.24	(C)
	Total					24.58	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					3.45	
	Total					28.03	(Y)
	Add for contractor's profit and over - heads @ 15% on "Y"					4.20	
	Total					32.24	
	Cost of 10 holes					991.04	
	Cost of 1 hole					99.10	
	Add labour cess @ 1%					0.99	
	Rate including labour cess					100.09	
				Say	**Rs.100.10**	**Per hole**	

2.31.3	**Ordinary rock**					
	Details of cost for 10 holes					
	Excavation 10 x 0.30 = 3.0 cum	cum	3.00	502.70	(2.9.1)	1508.10

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Extra labour for filling and ramming	1 time	13.52	1.80	(9999)	24.34	
	Add for water charges @ 1% on B					0.24	
	Total					24.58	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					3.45	
	Total					28.03	(Y)
	Add for contractor's profit and over - heads @ 15% on "Y"					4.20	
	Total					32.24	
	Cost of 10holes					1540.34	
	Cost of 1 hole					154.03	
	Add labour cess @ 1%					1.54	
	Rate including labour cess					155.57	
				Say	**Rs.155.60**	**Per hole**	
2.31.4	**Hard rock(requiring blasting)**						
	Details of cost for 10holes 10 x 0.30= 3.0 cum	cum	3.00	603.28	(2.9.2)	1809.84	
	Extra labour for filling and ramming	1 time	13.52	1.80	(9999)	24.34	
	Add for water charges @ 1 % on B					0.24	
	Total					24.58	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					3.45	
	Total					28.03	(Y)
	Add for contractor's profit and over - heads @ 15% on "Y"					4.20	
						32.24	
	Cost of 10 holes					1842.08	
	Add labour cess @ 1%					184.21	
	Rate including labour cess					1.84	
	Cost of 1 hole					186.05	
				Say	**Rs.186.00**	**Per hole**	
2.31.5	**Hard rock (blasting prohibited)**						
	Details of cost for10 holes						
	Excavation 10 x 0.30= 3.0 cum	cum	3.00	1023.23	*(2 9 3)*	3069.70	
	Extra labour for filling and ramming	1 time	13.52	1.80	*(9999)*	24.34	
	Add for water charges @ 1 % on B					0.24	
	Total					24.58	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					3.45	
	Total					28.03	(Y)
	Add for contractor's profit and over - heads @ 15%					4.20	
	Total					32.24	
	Cost of 6 holes					3101.94	
	Cost of 1 hole					516.99	
	Add labour cess @ 1%					5.17	
	Rate including labour cess					522.16	
				Say	**Rs.522.20**	**Per hole**	

Note - Lead

(i)Carriage of excavated material beyond the first 50 m will be paid under .carriage of materials vide sub head II.

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.

(ii)Carriage by animal and mechanical transport will be recknoed in terms of nearest km. distance of 0.5 km or more, wiil be taken as 1 km. and distance of less than 0.5 km. ignored. However, when the total lead is less than 0.5 km. it will not be ignored but paid for separately in successive stages of 50 m. subject to the condition that the total rate worked out on these bases does not exceed the rate for intial lead of 1 km.

2.32 Clearing jungle including uprooting of rank vegetation .grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level" and removal of rubbish uplo a distance of 50 m outside the periphery of the area deared.

Details of cost for 100 sqm.					
Labour:					
Beldar	per day	1.080	254.00	(0114)	274.32
Coolie	per day	0.600	265.00	(0115)	159.00
Total					433.32
Add for water charges @ 1%					4.33
Total					437.65 X
Add GST 12% on "X"(multiplying factor 0.1405)					61.49
Total					499.14 (Y)
Add for contractor's profit and over-heads @ 15% on "y"					74.87
Cost of 100 sqm					574.01
Add labour cess @ 1%					5.74
Rate including labour cess					579.75
		Say		**Rs.579.80**	**per 100 sqm**

Note:- If however, only grass is met with, the area a will be measured and paid for, under separate item.

2.33 Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.

Details of cost for 100 sqm.					
Labour:					
Beldar	per day	0.600	254.00	(0114)	152.40
Coolies	per day	0.250	265.00	(0115)	66.25
Sundries	LS	1.820	1.80	(9999)	3.28
Total					221.93
Add for water charges @ 1 %					2.22
Total					224.15 X
Add GST 12% on "X"(multiplying factor 0.1405)					31.49
Total					255.64 (Y)
Add for contractor's profit and over-heads @ 15% on "y"					38.35
Cost of 100 sqm					293.99
Add labour cess @ 1%					2.94
Rate including labour cess					296.93
		Say		**Rs.296.90**	**per 100 sqm**

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
2.34	**Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable material and disposal of unserviceable material:**					
2.34.1	**Beyond 30 cm girth upto and including 60 cm girth Details of cost of tree of 15 cm. in dia Ht. = av. 3m quantity of wood 3.14/4 x.15x. 15x3 = 0.053 cum. Add 20% for branches = 0.011 cum**					
	Labour:					
	For cutting the tree and removing the roots from the soil and then filling the pit and depression.					
	Beldar	per day	0.33	254.00	(0114)	83.82
	Coolie	per day	0.17	265.00	(0115)	45.05
	Sundries	LS	2.73	1.80	(9999)	4.91
	Total					133.78
	Add for water charges @ 1 %					1.34
	Total					135.12 X
	Add GST 12% on "X"(multiplying factor 0.1405)					18.98
	Total					154.10 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					23.12
	Cost of 1 tree					177.22
	Add labour cess @ 1%					1.77
	Rate including labour cess					178.99
				Say	**Rs.179.00**	**Each**
2.34.2	**Beyond 60 cm girth upto and including 120 cm girth**					
	Details of cost of a tree					
	of av. firth = 90 cm					
	of av. dia. = 0.3 in					
	and length = 5 m					
	22x0.3x0.3x5/7x4 = 0.35 cum.					
	20% branches = 0.42 cum					
	Labour:					
	For cutting the tree and removing the roots from the soil and then filling the pit and depression.					
	Beldar	per day	1.5	254.00	(0114)	381.00
	Coolie	per day	0.75	265.00	(0115)	198.75
	Sundries	LS	5.46	1.80	(9999)	9.83
	Total					589.58
	Add for water charges @ 1 %					5.90
	Total					595.48 X
	Add GST 12% on "X"(multiplying factor 0.1405)					83.66
	Total					679.14 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					101.87
	Cost of 1 tree					781.01
	Add labour cess @ 1%					7.81
	Rate including labour cess					788.82
				Say	**Rs.788.80**	**Each**
2.34.3	**Beyond 120 cm girth upto and including 240 cm girth**					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Details of cost for a tree avg. girth = 180 cm and avg. length = *7 m* 22/7x4x0.6x0.6x7 = 1.98 cum 20% branches = 0.40 cum/2.38 cum Labour: For cutting the tree and removing (he roots from . the soil and then filling the pit and depressions.						
	Beldar	per day	7	254.00	(0114)	1778.00	
	Coolies	per day	3.5	265.00	(0115)	927.50	
	Sundries	LS	8.06	1.80	(9999)	14.51	
	Total					2720.01	
	Add for water charges @ 1 %					27.20	
	Total					2747.21	X
	Add GST 12% on "X"(multiplying factor 0.1405)					385.98	
	Total					3133.19	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					469.98	
	Cost of 1 tree					3603.17	
	Add labour cess @ 1%					36.03	
	Rate including labour cess					3639.20	
				Say	**Rs.3639.20**	**Per tree**	
2.34.4	**Above 240 cm girth** Details of cost for a tree of average 300 cm.girth and length 10 m 22/4x7x1x1x10 = 7.86 cum 20% Branches = 1.57 cum 9.43 cum Labour: For cutting the tree and removing the roots from the soil and then filling the pits and depression.						
	Beldar	per day	14	254.00	(0114)	3556.00	
	Coolies	per day	7	265.00	(0115)	1855.00	
	Sundries	LS	26.91	1.80	(9999)	48.44	
	Total					5459.44	
	Add for water charges @ 1 %					54.59	
	Total					5514.03	X
	Add GST 12% on "X"(multiplying factor 0.1405)					774.72	
	Total					6288.76	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					943.31	
	Cost of 1 tree					7232.07	
	Add labour cess @ 1%					72.32	
	Rate including labour cess					7304.39	
				Say	**Rs.7304.40**	**Per tree**	
2.35	**Supplying chemical emulsion in sealed containers including delivery as specified.**						
2.35.1	Chlorpyriphos/Lindone emulsifiable concentrate of 20% Details of cost of 100 litres						
	Chlorpynphos E.C. 20%	litre	100	148.92	(7022)	14891.57	
	Carriage of chemical	quintal	1	10.66	(2342)	10.66	
	Total					14902.23	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Add for water charges @ 1%					149.02	
	Total					15051.25	X
	Add GST 12% on "X"(multiplying factor 0.1405)					2114.70	
	Total					17165.95	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					2574.89	
	Cost of 100 litres					19740.85	
	Cost of 1 litre					197.41	
	Add labour cess @ 1%					1.97	
	Rate including labour cess					199.38	
				Say	**Rs.199.40**	**per litre**	
2.37.	**Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termits treatment (including the cost of chemical emulsion)**						
2.37.1	**Along external wall where the apron is not provided using chemical imulsion @ 7.5 liters /' sqm of the vertical-surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete Details of cost for 10 metres.**						
2.37.1.1	With chlorpyriphos/Lindone E.C. 20% with 1% concentration						
	Materials:						
	Chlorpyripnos 1% concentration = 10.0x0.30x7.5 = 22.5 litres						
	Chlorpyriphos 20% E.C. required 22.5-20 =1.125 litres	litre	1.125	148.92	(7022)	167.53	
	Labour:						
	Beldar (for excavating channel) rodding in channel.spraying the emulsion and refilling the same	per day	0.330	254.00	(0114)	83.82	
	Sundries,rent of sprayer etc.	1 time	13.520	1.80	(9999)	24.34	
	Total					275.69	
	Add for water charges @ 1 %					2.76	
	Total					278.45	X
	Add GST 12% on "X"(multiplying factor 0.1405)					39.12	
	Total					317.57	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					47.64	
	Cost of 10 m					365.20	
	Cost of 1 m					36.52	
	Add labour cess @ 1%					0.37	
	Rate including labour cess					36.89	
				Say	**Rs.36.90**	**per metre**	
2.37.2	**Along the external wall below concrete or masonry apron usingchemical emulsion @ 2.55 litres per linear metre including drilling and plugging holes etc.**						
2.37.2.1	With chlorpyriphos E.C. 20% with 1% concentration Details of cost for 10 metres.						
	Materials:						
	Chlorpyriphos 1% Concentration = 10x2.25 =22.5						

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	litres						
	Chlorpyriphos 20% required 22.5-20 = 1.125 litres	litre	1.125	148.92	(7022)	167.53	
	Materials:						
	Beldar (for drilling holes and injecting chemical)	per day	0.40	254.00	(0114)	101.60	
	Sundries and rent of a sprayer and mortar and making good the holes	LS	35.88	1.80	(9999)	64.58	
	Total					333.71	
	Add for water charges @ 1 %					3.34	
	Total					337.05	X
	Add GST 12% on "X"(multiplying factor 0.1405)					47.36	
	Total					384.40	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					57.66	
	Cost of 10 m					442.06	
	Cost of 1 m					44.21	
	Add labour cess @ 1%					0.44	
	Rate including labour cess					44.65	
	NOTE:Analysis of rates for other chemicals will be similar to above			**Say**	**Rs.44.60**	**per metre**	
2.37.3	**Treatment of soil under existing floors using chemical emulsion @ one litre per hole. 300 mm apart including drilling and plugging 12 mm diameter holes with cement mortar 1:2 (1 cement 2 coarse sand) to match the existing floor.**						
2.37.3.1	With Chlorpyriphos EC 20% with 1% concentration Details of cost for 9 sqm (3 metrex3 metre)						
	No. of holes-100nos.						
	Materials:						
	Chlorpyrihos 1% required 100x1 litre = 100 litres						
	Chlorpyrihos 1% required 100x1 litre = 100 litres						
	Chlorpyriphos 20% E.C. = 100-20 = 5.0 litres	litre	5.00	148.92	(7022)	744.58	
	Labour:						
	(For making holes & spraying)						
	Beldar	per day	2.00	254.00	(0114)	508.00	
	Mason llnd class	per day	0.50	305.00	(0124)	152.50	
	Sundries, rent of sprayer and mortar	LS	35.88	1.80	(9999)	64.58	
	Total					1469.66	
	Add for water charges @ 1 %					14.70	
	TotaL					1484.36	X
	Add GST 12% on "X"(multiplying factor 0.1405)					208.55	
	Total					1692.91	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					253.94	
	Cost of 9 sqm					1946.85	
	Cost of 1 sqm					216.32	
	Add labour cess @ 1%					2.16	
	Rate including labour cess					218.48	
				Say	**Rs.218.50**	**per sqm**	
	NOTE: Analysis of rates for other chemicals wiii be similar to above						

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
2.37.4	**Treatment of exisiting masonry using chemical emulision@ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2(1 cement:2 coarse sand) to the full depth of the hole.**					
2 37.4.1	With chlorpyriphos EC 20% with 1% concentration Details of cost for 10 metres					
	Materials:					
	No. of holes 10.0 + 0.30 = 33.33-1 = 34.33 holes Say 34 holes					
	chlorpyriphos 1% concentration required = 34x1.0= 34.00 litres					
	chlorpyriphos 20% E.C. required 34.00-20 ^ 1.70 litres					
	chlorpyriphos 20% concentrates	litre	1.7	148.92	(7022)	253.16
	Labour:					
	Beldar (for making holes at 45 deg. And spraying					
	the emulsion)	per day	0.3	254.00	(0114)	76.20
	Mason llnd class	per day	0.05	305.00	(0124)	15.25
	Sundries, rent of pump etc.	1 time	17.94	1.80	(9999)	32.29
	Total					376.90
	Add for water charges @ 1 %					3.77
	Total					380.67 X
	Add GST 12% on "X"(multiplying factor 0.1405)					53.48
	Total					434.15 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					65.12
	Cost of 10 m					499.28
	Cos! of 1 m					49.93
	Add labour cess @ 1%					0.50
	Rate including labour cess					50.43
			Say		**Rs.50.40**	**per m**
	NOTE Analysis of rates for other chemicals will be similar to above points					
2.37.5	**Treatment at points of contact of wood work by chemical emulsion chlordane. (in oil or kerosene based solution)® 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same. Details of cost for 10 metres**					
	Materials:					
	No. of holes 10.00.15 = 66.67 + 1 =67.67 holes Say 68 holes					
	Chlorpyriphos/Lindone 1 % concentration required = 68x0.5 = 34.00 litres					
	Chlorpyriphos/Lindone 20% E.C. required 34.00-20 = 1.70 litres	litre	1.70	148.92	(7022)	253.16
	Kerosene oil = 34.00-1.70 = 32.30 litres	litre	32.30	41.88	(0771)	1352.81
	Materials: Carpenter 2nd class (For making holes and plugging the same)	per day	0.20	305.00	(0112)	61.00

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Beldar for injecting chemical	per day	0.20	254.00	(0114)	50.80	
	Sundries	1 time	6.90	1.80	(9999)	12.42	
	Total					1730.19	
	Add for water charges @ 1%					17.30	
	Total					1747.49	X
	Add GST 12% on "X"(multiplying factor 0.1405)					245.52	
	Total					1993.01	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					298.95	
	Cost of 10 m					2291.97	
	Cost of 1 m					229.20	
	Add labour cess @ 1%					2.29	
	Rate including labour cess					231.49	
			Say		**Rs.231.50**	**per metre**	
2.38	**Deduct for disposed soil not levelled and neatly dressed.**						
	Details of cost for 10 cum.						
	LABOUR:						
	Mate	day	0.08	270.00	128	21.60	
	Beldar /						
	Cooli	day	0.8	265.00	115	212.00	
	TOTAL					233.60	
	Add Water Charges @ 1%					2.34	
	TOTAL					235.94	X
	Add GST 12% on "X"(multiplying factor 0.1405)					33.15	
	Total					269.09	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					40.36	
	Cost of 10 cum					309.45	
	Cost of 1 cum					30.94	
	Add labour cess @ 1%					0.31	
	Rate including labour cess					31.25	
			Say		**Rs.31.30**	**cum**	
2.39	**Supply and stacking of Fly ash conforming to IRC- 58 at site, excluding carriage, loading , unloading & stacking up to any lead (measured stacks will be reduced by 20% for payment).**						
	Details of cost for 1.00 cum.						
	Ref :- Based on DAR Item No : 1.1.1 A) ii)						
	Material and carriage						
	Fly ash	cum	1.00	7.45	1980	7.45	
	Available free of cost at thermal power plant						
	Carriage of flyash	cum	1.00	0.00		0.00	
	1st lead 0 to 5 km						
	TOTAL					7.45	
	Add Water Charges @ 1%					0.07	
	TOTAL					7.52	X
	Add GST 12% on "X"(multiplying factor 0.1405)					1.06	
	Total					8.58	(Y)
	Add for contractor's profit and over-heads @ 15% on "y"					1.29	
	Cost of 1 cum					9.87	
	Add labour cess @ 1%					0.10	
	Rate including labour cess					9.97	
			Say		**Rs.10.00**	**cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
2.40	**Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer – in-charge, including compacting each layer by rolling/ ramming and watering , all complete as per drawing and direction of Engineer -in - charge.**					
	Details of cost for 10 cum.					
	Ref :- Based on Item No : 2.25					
	LABOUR:					
	Mate	day	0.2	270.00	128	54.00
	Coolie	day	2.5	265.00	115	662.50
	Bhisti	day	0.2	277.00	101	55.40
	TOTAL					771.90
	Add Water Charges @ 1%					7.72
	TOTAL					779.62 X
	Add GST 12% on "X"(multiplying factor 0.1405)					109.54
	Total					889.16 (Y)
	Add for contractor's profit and over-heads @ 15% on "y"					133.37
	Cost of 10 cum					1022.53
	Cost of 1 cum					102.25
	Add labour cess @ 1%					1.02
	Rate including labour cess					103.27
			Say		**Rs.103.30**	**cum**

SUB HEAD : 3.0

MORTARS

3.0 Mortars

Item No.	Description	Unit	Qty	rate	Rate Code.	Cost Rs.
2103	**Lime mortar 1:1.1 (1 time putty: 1 Surkhi: 1 coarse sand)**					
	Details of cost for 1 cum					
	Materials: (0.475 cum lime putty)=3.01 q of unslaked lime	quintal	3.010	251.295	(0773)	756.399
	Surkhi	cum	0.475	1595.000	(1182)	757.625
	Coarse sand	cum	0.475	160.690	(0982)	76.33
	Carriage of unslaked lime-(3.01 q unslaked lime =0.39 cum)	cum	0.390	0.000	(2208)	0.000
	Carriage of surkhi	cum	0.475	0.000	(2266)	0.000
	Carraige of coarses sand (lead of 29 l., i.e. 18 miles)	cum	475.000	0.000	(2203)	0.000
	Labour:					1590.352
	(a) For slaking lime.making lime putty .grinding,measuring, carying,depositing and mixing					
	Beldar	per day	0.900	254.000	(0114)	228.600 (A)
	Bhishti	per day	0.450	277.000	(0101)	124.650 (A)
	Average cost of running and upkeep of mortar mill	1 time	10.350	1.800	(9999)	18.630
	Sundries	1 time	5.200	1.800	(9999)	9.360
						381.240
	Cost of 1 cum					1971.59
	Add labour cess @ 1%					19.72
	Rate including labour cess					1991.31
			Say Rs.	**Rs.1991.40**		**per cum**
	Note-Lime putty required is 47.5%					
2144	**Lime mortar 1:1:2(1 lime putty: 1 surkhi:2coarse sand)**					
	Details of cost for 1 cum					
	Materials:					
	(0.356 cum lime putty=2.25 q of unslaked lim)					
	Unslaked lime	quintal	2.250	251.295	(0773)	565.414
	Surkhi	cum	0.356	1595.000	(1182)	567.820
	Coarse sand	cum	0.712	160.690	(0982)	114.411
	Carriage of unslaked lime- (2.25*0.129=0.29 cum)	cum	0.290	0.000	(2208)	0.000
	Surkhi	cum	0.356	0.000	(2266)	0.000
	Coarse sand	cum	0.712	0.000	(2203)	0.000
	Labour:					
	(Same as 'A' in code No. 2103)	cum	1.000	353.250	(210 3-A)	353.250
	Average cost of running and upkeep of mortar mill	1 time	10.350	1.800	(9999)	18.630
	Sundries	1 time	5.200	1.800	(9999)	9.360
	Cost of 1 cum					1628.886
	Add labour cess @ 1%					16.290
	Rate including labour cess					1645.176
			Say Rs.	**Rs.1645.20**		**per cum**
2104	**Lime mortar 1:2(1 time purty:2 surkhi)**					
	Details of cost for 1 cum					
	Materials:					
	(0.475 cum of lime putty=3.01 q of unslaked lime)					

Item No.	Description	Unit	Qty	rate	Rate Code.	Cost Rs.
	Unslaked lime	quintal	3.010	251.295	(0773)	756.399
	Carriagae of unslaked lime (3.01 q of unslaked lime=0.39 cum)	cum	0.390	0.000	(2208)	0.000
	Surkhi	cum	0.950	1595.000	(1182)	1515.250
	Carriage of surkhi	cum	0.950	0.000	(2266)	0.000
	Labour:					2271.649
	For slaking lime.making lime putty,griding,measuring,carrying, depositing and mixing (Same as'A'in code No. 2103)	cum	1.00	353.25	(2103-A)	353.250
	Average cost of running and upkeep of mortar mill	1 time	10.35	1.80	(9999)	18.630
	Sundries	1 time	5.20	1.80	(9999)	9.360
	Cost of 1 cum					381.240
						2652.889
	Add labour cess @ 1%					26.530
	Rate including labour cess					2679.419
			Say Rs.	**Rs.2679.40**		**per cum**
	Note-Lime putty required is 47.5%					
2145	**Lime mortar 1:3(1 lime putty:3 surkhi)**					
	Details of cost for 1 cum					
	Materials:					
	(0.356 cum lime putty=2.25 q of unslaked lime)					
	Unslaked lime	quintal	2.25	251.30	(0773)	565.414
	Surkhi	cum	1.07	1595.00	(1182)	1703.460
	Carriage:					
	Unslaked lime	cum	0.28	0.00	(2208)	0.000
	Surkhi	cum	1.07	0.00	(2266)	0.000
	Labour:					
	(Same as 'A' in code No. 2103)	cum	1.00	353.25	(2103-A)	353.250
	Average cost of running and upkee of mortar mill	1 time	10.35	1.80	(9999)	18.630
	Sundires	1 time	5.20	1.80	(9999)	9.360
	Cost of 1 cum					2650.11
	Add labour cess @ 1%					26.50
	Rate including labour cess					2676.61
			Say Rs.	**Rs.2676.60**		**per cum**
2146	**Lime mortar 1:3(1 lime putty :3 coarse sand)**					
	Details of cost for 1 cum					
	Materials:					
	(0.356 cum lime putty=2.25 q of unslaked lime)					
	Unslaked lime	quintal	2.25	251.30	(0773)	565.414
	Coarse sand	cum	1.07	160.69	(0982)	171.617
	Carriage:					
	Unslaked lime	cum	0.29	0.00	(2208)	0.000
	Coarse sand	cum	1.07	0.00	(2203)	0.000
	Labour:					
	(Same as 'A' in code No. 2103)	cum	1.00	353.25	(2103-A)	353.250
	Average cost of running and upkeep of mortar mill	1 time	10.35	1.80	(9999)	18.630
	Sundries	1 time	5.20	1.80	(9999)	9.360
	Cost of 1 cum					1118.271
	Add labour cess @ 1%					11.18
	Rate including labour cess					1129.45
			Say Rs.	**Rs.1129.50**		**per cum**

Item No.	Description	Unit	Qty	rate	Rate Code.	Cost Rs.	
2110	**Cement Mortar 1:1 (1 cement : 1 fine sand).**						
	Details of cost for 1 cum.						
	MATERIAL:						
	(0.7125 cum. of cement = 1.02 tonne)						
	Cement required for cement mortar is 71.25%						
	Portland Cement		**1.02**	5474.00	(0367)	5583.480	
	Carriage of cement		**1.02**	0.00	(2209)	0.000	
	Fine sand (zone IV)		**0.7125**	160.69	(0983)	114.492	
	Carriage of fine sand (1 part sand: parts sand)		**0.7125**	0.00	(2261)	0.000	
	LABOUR:						
	For measuring, carrying, depositing and mixing-						
	Beldar		**0.75**	254.00	(0114)	190.500	
	Bhisti		**0.07**	277.00	(0101)	19.390	
	Hire and running charges of mechanical mixer		**26.9**	1.80	(9999)	48.420	
	Sundries		**13.52**	1.80	(9999)	24.336	
	TOTAL					**5980.618**	
	Cost of 1 cum					**5980.618**	
	Add labour cess @ 1%					59.81	
	Rate including labour cess					6040.43	
			Say Rs.	**Rs.6040.40**		**per cum**	
2111	**Cement mortar 1:2 (1 cement :2 coarse sand)**						
	Detaisl of cost for 1 cum						
	Materials:						
	(0.476 cum of cement=0.68 tonne) Cement	tonne	0.68	5474.00	(0367)	3722.320	
	Carriage of cement	tonne	0.68	0.00	(2209)	0.000	
	Coarse sand	cum	0.95	160.69	(0982)	152.656	
	Carriage of coarse sand	cum	0.95	0.00	(2203)	0.000	
	Labour:						
	For measuring.carrying,depositing and mixing						
	Beldar	per day	0.75	254.00	(0114)	190.500	A
	Bhishti	per day	0.07	277.00	(0101)	19.390	A
	Hire and running charges of mechanical mixer	1 time	26.91	1.80	(9999)	48.438	
	. Sundries	1 time	13.52	1.80	(9999)	24.336	
	Cost of 1 cum					4157.64	
	Add labour cess @ 1%					41.58	
	Rate including labour cess					4199.22	
			Say Rs.	**Rs.4199.20**		**per cum**	
	Note:Cement required is 47.5%						
2112	**Cement mortar 1:3(1 cement:3 coarse sand)**						
	Details of cost for 1 cum						
	Materials: (0.357 cumof cement=0.51 tonne) Cement	tonne	0.51	5474.00	(0367)	2791.740	
	Carriage of cement	tonne	0.51	0.00	.(2209)	0.000	
	Coarse sand	cum	1.07	160.69	(0982)	171.938	
	Carriage of coarse sand	cum	1.07	0.00	(2203)	0.000	
	Labour:						
	For measuring,carrying,depositing and mixing-						
	(Same as'A' in code No. 2111)	cum	1.00	209.89	(2111-A)	209.890	

Item No.	Description	Unit	Qty	rate	Rate Code.	Cost Rs.
	Hire and runing charges of mechanical mixer	1 time	26.91	1.80	(9999)	48.438
	Sndries	1 time	13.52	1.80	(9999)	24.336
	Cost of 1 cum					3246.34
	Add labour cess @ 1%					32.46
	Rate including labour cess					3278.80
			Say Rs.	**Rs.3278.80**		**per cum**
	Note.Cement required is 35.7%					
2113	**Cement mortar 1:4(1 cement:4 coarse sand)**					
	Details of cost for 1 cum					
	Materials:					
	(0.268 cum of cement=0.38 tonne)					
	cement	tonne	0.38	5474.00	(0367)	2080.120
	Carriage of cement	tonne	0.38	0.00	(2209)	0.000
	Coarse sand	cum	1.07	160.69	(0982)	171.938
	Carriage of coarse sand	cum	1.07	0.00	(2203)	0.000
	Labour:					
	For measuring,carrying,depositing and mixing					
	(Same as 'A' in code No. 2111)	curn	1.00	209.89	(2111-A)	209.890
	Hire and running Charges of mechanical mixer	1 time	26.91	1.80	(9999)	48.438
	Sundries	1 time	13.52	1.80	(9999)	24.336
	Cost of 1 cum					2534.72
	Add labour cess @ 1%					25.35
	Rate including labour cess					2560.07
			Say Rs.	**Rs.2560.10**		**per cum**
	Note. White cement required is 47.5%					
2114	**Cement mortar 1:5(1 cement:5 coarse sand)**					
	Details of cost for 1 cum					
	Materials:					
	(0.214 cum of cement=0.31 tonne)					
	Cement	tonne	0.31	5474.00	(0367)	1696.940
	Carriage of cement	tonne	0.31	0.00	(2209)	0.000
	Coarse sand	cum	1.07	160.69	(0982)	171.938
	Carriage of coarse sand	cum	1.07	0.00	(2203)	0.000
	Labour:					
	For measuring.carrying,depositing and mixing					
	(Same as 'A' in code No. 2111)	cum	1.00	209.89	(2111-A)	209.890
	Hire and running charges of mechancal mixer	1 time	26.91	1.80	(9999)	48.438
	Sundries	1 time	13.52	1.80	(9999)	24.336
	Cost of 1 cum					2151.54
	Add labour cess @ 1%					21.52
	Rate including labour cess					2173.06
			Say Rs.	**Rs.2173.10**		**per cum**
	Note: Cement required is 21.4%					
2115	**Cement mortar 1:6(1 cement 6 coarse sand)**					
	Details of cost for cum					
	Materials:					
	(0.178 cum of cement=0.25 tonne)					
	Cement	tonne	0.250	5474.000	(0367)	1368.500
	Carriage of cement	tonne	0.250	0.000	(2209)	0.000

Item No.	Description	Unit	Qty	rate	Rate Code.	Cost Rs.
	Coarse sand	cum	1.070	160.690	(0982)	171.938
	Carriage of coarse sand	cum	1.070	0.000	(2203)	0.000
	Labour:					
	For measuring,carrying,depositing and mixing					
	(Same as 'A' in code No. 2111)	cum	1.000	209.890	(2111- A)	209.890
	Hire and running charges of mechanical mixer	1 time	26.91	1.800	(9999)	48.438
	Sundries	1 time	13.52	1.800	(9999)	24.336
	Cost of 1 cum					1823.10
	Add labour cess @ 1%					18.23
	Rate including labour cess					1841.33
			Say Rs.	**Rs.1841.30**		**per cum**
	Note:Cement required is 17.8%					
2128A	**Cement mortar 1:2 (1 cement : 2 marble dust).**					
	Details of cost for 1 cum.					
	MATERIAL:					
	0.475 cum. of cement = 0.68 tonne)					
	Cement required for cement mortar is 47.50%					
	Portland Cement	tonne	0.680	5474.000	(0367)	3722.320
	Carriage of cement	tonne	0.680	0.000	(2209)	0.000
	Marble dust/ powder	cum	0.950	930.723	(0784)	884.187
	Carriage of marble dust and/or marble chips	cum	0.950	108.079	(2268)	102.675
	LABOUR:					
	For measuring, carrying, depositing and mixing-					
	Beldar	day	0.750	254.000	114	190.500
	Bhisti	day	0.070	277.000	101	19.390
	Hire and running charges of mechanical mixer	L.S.	26.910	1.800	9999	48.438
	Sundries	L.S.	13.520	1.800	9999	24.336
	Cost of 1 cum					4991.85
	Add labour cess @ 1%					49.92
	Rate including labour cess					5041.77
			Say Rs.	**Rs.5041.8**		**per cum**
2128	**White cement mortar 1:2(1 White cement :2 marble dust)**					
	Details of cost for 1 cum					
	Materials:					
	(0.475 cum of white cement =0.68 tonne) Cement	ton	0.680	10424.102	(0368)	7088.389
	Carriage of white cement	tonne	0.000	0.000	(2209)	0.000
	Marble dust	cum	0.950	930.723	(0784)	884.187
	Carriage of marble dust	cum	0.950	108.079	(2268)	102.675
	Labour:					
	For measuring,carrying, depositing and mixing-					
	Unskilled Labour	per day	0.750	254.000	(0114)	190.500
	Bhisti	per dsy	0.070	277.000	(0101)	19.390
	Hire and running chrges of mechanical mixer	1 time	26.910	1.800	(9999)	48.438
	Sundries	1 time	13.520	1.800	(9999)	24.336
	Cost of 1 cum					8357.92
	Add labour cess @ 1%					83.58
	Rate including labour cess					8441.50
			Say Rs.	**Rs.8441.5**		**per cum**
	Note:White cement required is 4 7.5%					

Item No.	Description	Unit	Qty	rate	Rate Code.	Cost Rs.
2125	**Cement lime mortar 1:1:3(1 cement :1 lime putty:3 coarse sand)**					
	Details of cost for 1 cum					
	Materials.					
	(0.286 cum of lime putty=1.81 q of unslaked lime)					
	Unslaked lime	quintal	1.810	251.295	(0773)	454.845
	(0.23 cum of unslaked lime=1.81 q) Carriage of unslaked lime	cum	0.230	108.079	(2208)	
	Cement					
	Cement	tonne	0.410	5474.000	(0367)	2244.340
	Carriage of cement	tonne	0.410	0.000	(2209)	0.000
	Coarse sand	cum	0.858	160.690	(0982)	137.872
	Carriage of coarse sand	cum	0.858	0.000	(2203)	0.000
	Labour:					
	For slaking lime,making lime putty,grinding,measuring,carrying, depositing and mixing (Same as'A'in code No. 2103)	cum	1.000	353.250	(2103-A)	353.250
	Hire and running charges of mechanical mixer	1 time	10.350	1.800	(9999)	18.630
	Average cost of running and upkeep of mortar mill	1 time	10.350	1.800	(9999)	18.630
	sundries	1 time	5.20	5474.00	(9999)	5.20
	Cost of 1 cum					3232.767
	Add labour cess @ 1%					32.33
	Rate including labour cess					3265.10
			Say Rs.	**Rs.3265.10**		**per cum**
	NoteCement required is 28.6%					
2126	**Cement lime mortar 1:1:6 (1 cement: 1 lime putty:6 coarse sand)**					
	Details of cost for 1 cum					
	Meterials:					
	(0.178 cum of cement=0.25 tonne) Cement	tonne	0.25	5474.00	(0367)	1368.500
	Carriage of cement	tonne	0.25	0.00	(2209)	0.000
	(0.178 cum of lime putty= 1. i . q of unslaked lime)					
	Unslaked lime	quintal	1.13	251.30	(0773)	283.964
	(0.15 cum of unslaked lime=1.13 q) Carnage of unslaked lime	cum	0.15	108.08	(2208)	16.212
	Coarse sand	cum	1.07	160.69	(0982)	171.938
	Carriage of coarse sand	cum	1.07	0.00	(2203)	0.000
	Labour:					
	For slaking lime,making lime putty,grinding,measuring.carrytng,depositing and mixing (Same as 'A' in code No.21 03)	cum	1.00	353.25	(2103-A)	353.250
	Hire and running charges of mechanical mixer	1 time	10.35	1.80	(9999)	18.630
	Average cost of running and upkeep ot mortar miii	1 time	10.35	1.80	(9999)	18.630
	Sundries	1 time	5.20	1.80	(9999)	9.360
	Cost of 1 cum					2240.48
	Add labour cess @ 1%					22.40
	Rate including labour cess					2262.88
			Say Rs.	**Rs.2262.90**		**per cum**
	Note:Cement required is 17.80%					

SUB HEAD : 4.0

CONCRETE WORK

4.0 Concrete Work

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
4.1	**Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.**						
4.1.1	**1:1:2 (1 cement: 1 coarse sand:2 graded stone** aggregate 20 mm nominal size) Details of cost for 1 cum Materials:						
	Stone aggregate 20 mm	cum	0.64	556.33	(0295)	356.05	(A)
	Stone aggregate 10 mm	cum	0.21	620.42	(0297)	130.29	(A)
	Carriage of aggregate 20 mm and 10 mm	cum	0.85	0.00	(2202)	0.00	(A)
	Coarse sand	cum	0.425	160.69	(0982)	68.29	(A)
	Carriage of coarse sand	cum	0.425	0.00	(2203)	0.00	(A)
	Cement (0.425 cum)	tonne	0.61	5474.00	(0367)	3339.14	(A)
	Carriage of cement	tonne	0.61	0.00	(2209)	0.00	(A)
	Labour:					3893.77	
	Mason	per day	0.10	305.00	(0155)	30.50	(B)
	Beldar	per day	1.63	254.00	(0114)	414.02	(B)
	Bhishti	per day	0.70	277.00	(0101)	193.90	(B)
	Mixer Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Per day	0.07	800.00	(0002)	56.00	(B)
	Vibrator (Needle type 40 mm)	**Per day**	**0.07**	**350.00**	**(0012)**	**24.50**	**(B)**
	Sundries	L.S	14.30	1.80	(9999)	25.74	(B)
						744.66	
	Total					4638.43	
	Add for water charges @ 1%					46.38	
	Total					4684.82	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					658.22	
	Total					5343.03	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					801.46	
	Cost of 1 cum					6144.49	
	Add labour cess @ 1%					61.44	
	Rate including labour cess					6205.93	
			Say	**Rs.6205.90 per cum**			
4.1.2	**1:1½ :3(1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size).** aggregate 20 mm nominal size) Details of cost for 1 cum Materials:						
	20 mm stone aggregate	cum	0.57	556.33	(0295)	317.11	(A)
	10 mm stone aggregate	cum	0.28	620.42	(0297)	173.72	(A)
	Carrige of aggregate	cum	0.85	0.00	(2202)	0.00	(A)
	Coarse sand	cum	0.425	160.69	(0982)	68.29	(A)
	Carriage of coarse sand	cum	0.425	0.00	(2203)	0.00	(A)
	Cement (0.2833 cum)	tonne	0.40	5474.00	(0367)	2189.60	(A)
	Carriage of cement	tonne	0.40	0.00	(2209)	0.00	(A)
	Labour:					2748.72	(A)
	Same as (B) in item No. 4.5.1	cum	1.00		(4.1.1-B)	744.66	
	sundries	L.S	14.30	1.80	(9999)	5.50	
	Total					3498.88	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Add for water charges @ 1 %					34.99	
	Total					3533.87	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					496.51	
	Total					4030.38	(Y)
	Add for contractor's profit and over-heads @ 15%"Y"					604.56	
	Cost of 1 cum					4634.93	
	Add labour cess @ 1%					46.35	
	Rate including labour cess					4681.28	
			Say	**Rs.4681.30 per cum**			
4.1.3	**1:2:4(1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).** aggregate 20 mm nominal size)						
	Details p cost for 1 cum-				-		
	Materials:						
	Stone aggregate 20mm	cum	0.670	556.330	(0295)	372.741	(A)
	Stone aggregate 10 mm	cum	0.220	620.420	(0297)	136.492	(A)
	Carriage of aggregate	cum	0.890	0.000	(2202)	0.000	(A)
	Coarse sand	cum	0.445	160.690	(0982)	71.507	(A)
	Carriage of sand	cum	0.445	0.000	(2203)	0.000	(A)
	Cement (0.2225 cum.)	tonne	0.320	5474.000	(0367)	1751.680	(A)
	Carriage of cement	tonne	0.320	0.000	(2209)	0.000	(A)
	Labour:					2332.421	(A)
	Same as (B) in item No. 4.1.1	cum	1.000	744.660	(4.1.1-B)	744.660	
	Sundries	L.S	14.300	1.800	(9999)	25.740	
						3102.821	
	Add for water charges @ 1 %					31.028	
	Total					3133.849	
	Add GST 12% on "X"(multiplying factor 0.1405)					440.31	
	Total					3574.15	(Y)
	Add for contractor's profit and over-heads @ 15%					536.123	
	Cost of 1 cum					4110.278	
	Add labour cess @ 1%					41.10	
	Rate including labour cess					4151.38	
			Say	**Rs.4151.40 per cum**			
4.1.4	**1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size).**						
	Details of cost for 1 cum						
	Stone Aggregate (Single size) : 40 mm nominal size						
	(0.56-7.5% for voids i.e. 0.04=0.52 cum)	cum	0.520	445.220	(0293)	231.514	(A)
	Stone aggregate 20 mm (Single size)	cum	0.220	556.330	(0295)	122.393	(A)
	Stone aggregate 10 mm (Single size)	cum	0.110	620.420	(0297)	68.246	(A)
	Carriage of aggregate 40 mm nominal size and above	cum	0.520	0.000	(2206)	0.000	(A)
	Carriage of stone aggregate below 40 mm nominal size	cum	0.330	0.000	(2202)	0.000	(A)
	Coarse sand (zone III)	cum	0.445	160.690	(0982)	71.507	(A)
	Carriage of coarse sand	curn	0.445	0.000	(2203)	0.000	(A)
	Cement (0.2225 cum)	tonne	0.320	5474.000	(0367)	1751.680	(A)
	Carriage of cement	tonne	0.320	0.000	(2209)	0.000	(A)
	Labour:						
	Same as (B) in item No. 4.1.1	cum	1.000		(4.1.1-B)	744.660	
	Sundries	L.S	13.520	1.800	(9999)	24.336	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Total					3014.336	
	Add for water charges @ 1 %					30.143	
						3044.480	
	Add GST 12% on "X"(multiplying factor 0.1405)					427.75	
	Total					3472.23	(Y)
	Add for contractors profit and over-heads @ 15%					520.834	
	Cost of 1 cum					3993.063	
	Add labour cess @ 1%					39.93	
	Rate including labour cess					4032.99	
		Say	**Rs.4033.00**	**per cum**			
4.1.5	**1:3:6(1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).**						
	Details of cost for 1 cum						
	Materials:						
	Stone aggregate 20 mm	cum	0.700	556.330	(0295)	389.431	(A)'
	Stone aggregate 10 mm	cum	0.240	620.420	(0297)	148.901	(A)
	Carriage of aggregate	cum	0.940	0.000	(2202)	0.000	(A)
	Coarse sand	cum	0.470	160.690	(0982)	75.524	(A)
	Carriage of coarse sand	cum	0.470	0.000	(2203)	0.000	(A)
	Cement (0.15674 cum)	tonne	0.220	5474.000	(0367)	1204.280	(A)
	Carriage of cement	tonne	0.220	0.000	(2209)	0.000	(A)
	Labour:					1818.136	
	Same as (B) in item No. 4.1.1	cum	1.00	744.66	(4.5.1-B)	744.660	
	Sundries	L.S	13.52	1.80	(9999)	24.336	
	Total					2587.13	
	Add for water charges @ 1 %					25.87	
						2613.00	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					367.13	
	Total					2980.13	(Y)
	Add for contractor's profit and over-heads @ 15% on"X"					447.02	
	Cost of 1 cum					3427.15	
	Add labour cess @ 1%					34.27	
	Rate including labour cess					3461.42	
		Say	**Rs.3461.40**			**per cum**	
4.1.6	**1:3:6 (1 Cement: 3 coarse sand :6 graded stone aggregate 40 mm nominal size)**						
	Details o cost for 1 cum						
	Materials:						
	Stone aggregate 40 mm (one size) (0.70 cum-7.5% for voids i.e.0.05=0.65 cum)	cum	0.65	445.22	(0293)	289.393	(A)
	Stone aggregate 20 mm (one size)	cum	0.24	556.33	(0295)	133.519	(A)
	Carriage of aggregate 40 mm	cum	0.65	0.00	(2206)	0.000	(A)
	Carriage of aggregate 20 mm	cum	0.24	0.00	(2202)	0.000	(A)
	Coarse sand	cum	0.47	160.69	(0982)	75.524	(A)
	Carriage of coarse sand	cum	0.47	0.00	(2203)	0.000	(A)
	Cement (0.15674 cum)	tonne	0.22	5474.00	(0367)	1204.280	(A)
	Carriage of cement	tonne	0.22	0.00	(2209)	0.000	(A)
	Labour:						
	Same as (B) in item No. 4.1.1	cum	1.00	744.66	(4.1.1-B)	744.660	
	Sundries	L.S	13.52	1.80	(9999)	24.336	
						2471.71	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.
	Add for water charges @ 1%					24.72
	Total					2496.43 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					350.75
	Total					2847.18 (Y)
	Add for contractor's profit and over-heads @ 15%					427.08
	Cost of 1 cum					3274.25
	Add labour cess @ 1%					32.74
	Rate including labour cess					3306.99
			Say	**Rs.3307.00**		**per cum**
4.1.8	**1.4.8 (1 Cement :4 coarse sand :8 graded stone agregate 40 mm nominal size)**					
	Details o cost for 1 cum					
	Materials:					
	Stone agregate 40 mm (one size) (0.70 cum-7.5% for voids i.e. 0.05=0.65 cum)	cum	0.65	445.22	(0293)	289.393 (A)
	Stone aggregate 20 mm (oe size)	cum	0.24	556.33	(0295)	133.519 (A)
	Carriage of aggregate 40 mm	cum	0.65	0.00	(2206)	0.000 (A)
	Carriage of aggregate 20 mm	cum	0.24	0.00	(2202)	0.000 (A)
	Coarse sand	cum	0.47	160.69	(0982)	75.524 (A)
	Carriage of coarse sand	cum	0.47	0.00	(2203)	0.000 (A)
	Cement (0.1175 cum)	tonne	0.17	5474.00	(0367)	930.580 (A)
	Carriage of cement	tonne	0.17	0.00	(2209)	0.000 (A)
	Labour:					
	Same as (B) in item No. 4.1.1	cum	1.00	744.66	(4.1.1-B)	744.660
	Sundries	L.S	13.52	1.80	(9999)	24.336
						2198.01
	Add for water charges @ 1%					21.98
						2219.99 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					311.91
	Total					2531.90 (Y)
	Add for contractor's profit and over-heads @ 15%					379.79
	Cost of 1 cum					2911.69
	Add labour cess @ 1%					29.12
	Rate including labour cess					2940.81
			Say	**Rs.2940.80**		**per cum**
4.1.10	**1:5:10(1 Cement :5 coarse sand:10 graded stone aggregate 40 mm nominal size)**					
	Detials of cost for 1 cum					
	Materials:					
	Stone aggregate 40 mm (one size) (0.70 cum-7.5% for voids i.e. 0.05=0.65 cum)	cum	0.65	445.22	(0293)	289.393
	Stone agregate 20 mm (one size)	cum	0.24	556.33	(0295)	133.519
	Carriage of aggregate 40 mm	cum	0.65	0.00	(2206)	0.000
	Carriage of aggregate 20 mm	cum	0.24	0.00	(2202)	0.000
	Coarse sand	cum	0.47	160.69	(0982)	75.524
	Carriage of coarse sand-	cum	0.47	0.00	(2261)	0.000
	Cement (0.2225 cum)	tonne	0.13	5474.00	(0367)	711.620
	Carriage of cement	tonne	0.13	0.00	(2209)	0.000
	Labour:					
	Same as (B) in item No. 4.5.1	cum	1.00	744.66	(4.1.1-B)	744.660
	Sundries	L.S	13.52	1.80	(9999)	24.336
	Total					1979.05

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Add for water charges @ 1 %					19.79	
	Total					1998.84	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					280.84	
	Total					2279.68	(Y)
	Add for contractor's profit and over-heads @ 15%					341.95	
	Cost of 1 cum					2621.63	
	Add labour cess @ 1%					26.22	
	Rate including labour cess					2647.85	
			Say	**Rs.2647.90**		**per cum**	
4.2	**Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters.columns.piers,abutments,pillars,post,struts,buttresses, string or lacing courses.parapets, coping,bed blocks, anchor blocks, plin window sills, fillets etc. upt floor five level excluding the cost of centring,shuttering and finishing:**						
4.2.1	1:1:2 (1 Cement: 1 coarse sand : 2 graded stone aggregate 20 mm nominal size)						
	Details of cost for 1 cum						
	Materials:						
	As per item No. 4.5.1 marked 'A'	cum	1.00	3893.77	(4.1.1-A) .	3893.773	
	Labour:						
	Beldar	per day	0.90	254.00	(0114)	228.600	(B)
	Coolie	per day	0.78	265.00	(0115)	206.700	(B)
	Bhishti	per day	0.70	277.00	(0101)	193.900	(B)
	Mason (brick layer) 1 st class	per day	0.06	342.00	(0123)	20.520	(B)
	Mason (brick layer) 2nd class	per day	0.06	305.00	(0124)	18.300	(B)
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Per day	0.07	800.00	(0002i	56.000	(B)
	Vibrator(Needle type 40 mm)	Per day	0.07	350.00	(0012;	24.500	(B)
	Scaffolding	L.S	114.40	1.80	(9999)	205.920	
	Sundries	L.S	14.30	1.80	(9999)	25.740	
	(Extra labour for lifting material upto floor V level =0.75x2.50=1.88)						
	Coolie	per day	1.88	265.00	(0115)	496.875	
	Total					5370.83	
	Add for water charges @ 1 %					53.71	
	Total					5424.54	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					762.15	
	Total					6186.68	(Y)
	Add for contractor's profit and over-heads @ 15%"Y"					928.00	
	Cost of 1 cum					7114.69	
	Add labour cess @ 1%					71.15	
	Rate including labour cess					7185.84	
			Say	**Rs.7185.80**		**per cum**	
4.2.2	**1:1:5:3(1 Cement: 1:5 coarse sand : 3 graded stone aggregate 20 mm nominal size)**						
	Details of cost for 1 cum						
	Materials:						

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Same as per item No. 4.5.2 Marked 'A'	cum	1.00	2748.72	(4.1.2-A)	2748.719	
	Labour:						
	Same as (B) in item No. 4.6.1	cum	1.00	748.52	(4.2.1-B)	748.520	
	Scaffolding	L.S	114.40	1.80	(9999)	205.920	
	Sundries	L.S	14.30	1.80	(9999)	25.740	
	(Extra labour for lifting material upto floor V level= 0.75x2.50=1.88)						
	Coolie	per day	1.88	265.00	(0115)	498.200	
	Total					4227.10	
	Add for water charges @ 1 %					42.27	
	Total					4269.37	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					599.85	
	Total					4869.22	(Y)
	Add for contractor's profit and over-heads @ 15% "Y"					730.38	
	Cost of 1 cum					5599.60	
	Add labour cess @ 1%					56.00	
	Rate including labour cess					5655.60	
			Say	**Rs.5655.60**		**per cum**	
4.2.3	**1:2:4 (1 Cement :2 coarse sand *A* graded stone aggregate 20 mm nominal size)**						
	Details of cost for 1 cum						
	Materials:						
	As per item No. 4.1.3 Marked'A'	cum	1.00	2332.42	(4.1.3-A)	2332.421	
	Labour:						
	Same as (B) in item 4.2.1	cum	1.00	748.52	(4.2.1-B)	748.520	
	Scaffolding	L.S	114.40	1.80	(9999)	205.920	
	Sundries	L.S	14.30	1.80	(9999)	25.740	
	(Extra labour for lifting material uoto floor V level)						
	Coolie (0.75x2.50)	per day	1.88	265.00	(0115)	498.200	
	Total					3810.80	
	Add for water charges @ 1 %					38.11	
	Total					3848.91	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					540.77	
	Total					4389.68	(Y)
	Add for contractor's profit and over-heads @ 15%"Y"					658.45	
	Cost of 1 cum					5048.13	
	Add labour cess @ 1%					50.48	
	Rate including labour cess					5098.61	
			Say	**Rs.5098.60**		**per cum**	
4.2.4	**1:2:4(1 Cement :2 coarse sand *A* graded stone aggregate 40 mm nominal size)**						
	Details of cost for 1 cum						
	Materials:						
	Same as in item No. 4.1.4 Marked 'A'	cum	1.00	2245.34	(4.1.4-A)	2245.340	
	Labour:						
	Same as (B) in item 4.2.1	cum	1.00	748.52	(4.2.1-B)	748.520	
	Scaffolding	L.S	114.40	1.80	(9999)	205.920	
	Sundries	L.S	13.52	1.80	(9999)	24.336	
	(Extra labour for lifting material upto floor V level)						
	Coolie (0.75x2.50)	per day	1.88	265.00	(0115)	498.200	
	Total					3722.32	
	Add for water charges @ 1 %					37.22	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.
	Total					3759.54 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					528.22
	Total					4287.75 (Y)
	Add for contractor's profit and over-heads @ 15%					643.16
	Cost of 1 cum					4930.92
	Add labour cess @ 1%					49.31
	Rate including labour cess					4980.23
			Say	**Rs.4980.20**		**per cum**
4 2 5	**1:3:6 (1 Cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size)**					
	Details of cost for 1 cum					
	Materials:					
	As per item No. 4.1.5 Marked 'A'	cum	1.00	1818.14	(4.1.5-A)	1818.136
	Labour:					
	Same as (B) in item No. 4.2.1	cum	1.00	748.52	(4.2.1-B)	748.520
	Scaffolding	1 time	114.40	1.80	(9999)	205.920
	Sundries	1 time	13.52	1.80	(9999)	24.336
	(Extra labour for lifting material upto floor V level)					
	Coolie (0.75x2.50=1.88)	per day	1.88	265.00	(0115)	498.200
	Total					3295.11
	Add for water charges @ 1 %					32.95
	Total					3328.06 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					467.59
	Total					3795.66 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					569.35
	Cost of 1 cum					4365.00
	Add labour cess @ 1%					43.65
	Rate including labour cess					4408.65
			Say	**Rs.4408.70**		**per cum**
4.2.6	**1:3:6 (1 Cement :3 coarse sand:6 graded stone aggregate 40 mm nominal size)**					
	Details of cost for 1 cum					
	Materials:					
	As per item No. 4.1.6 Marked 'A'	cum	1.00	1702.72	(4.5.6-A)	1702.717
	Labour:					
	Same as (B) in item No. 4.2.1	cum	1.00	748.52	(4.6.1-B)	748.520
	Scafolding	1 time	114.40	1.80	(9999)	205.920
	Sundries	1 time	13.52	1.80	(9999)	24.336
	(Extra labour for lifting material upto floor V level)					
	Cooilie (0.75x2.50=1.88)	per day	1.88	265.00	(0115)	498.200
						3179.69
	Add for water charges @ 1 %					31.80
	Total					3211.49 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					451.21
	Total					3662.70 (Y)
	Add for contractor's profit and over-heads @ 15%"Y"					549.41
	Cost of 1 cum					4212.11
	Add labour cess @ 1%					42.12
	Rate including labour cess					4254.23
			Say	**Rs.4254.20**		**per cum**

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
4.3	**Centring and shuttering including strutting,propping etc. and removal or form work for**						
4.3.1	**Foundations,footings, bases Columns**						
	Details of cost for footing size 2.7 m x 2.7 m x 1.00m Contact area=10.8 sqm						
	Material.						
	Assuming shuttering material will become unserviceable after use of 40 times						
	Adding for maintenance @ 10% of cost						
	Taking salvage value after full use of material @ 25% of cost						
	Wall form panel 1250 x 500 mm	each	0.34	837.65	(7319)	284.80	(A)
	Qty taken for cost of using once = 16x0.85/40 = 0.34						
	Corner angle (1.5 m long)	each	0.09	232.68	(7326)	19.78	(A)
	Qty taken for cost of using once = 4x0.85/40 = 0.085						
	100 mm channel shoulders 2.5 m long	each	0.17	884.19	(7327)	150.31	(A)
	Qty taken for cost of using once = 8x0.85/40= 0.17						
	Double clip (bridge clip)	each	0.34	74.46	.(7328)	25.32	(A)
	Qty taken for cost of using once = 16x0.85/40 = 0.34						
	Single clip	each	0.17	57.70	(7329)	9.81	(A)
	Qty taken for cost of using once = 8x0.85/40 = 0.17						
	MS tube 40 mm 4x2.7 m= 10.8 m	metre	0.23	209.41	(7330)	48.06	(A)
	Qty taken for cost of using once = 10.8x0.85/40 = 0.2295						
	Assembly nuts & bolts	L.S	22.10	1.80	(0999)	39.78	(A)
	Total					577.86	(A)
	Cost for using once					577.86	
	Carriage	1 time	78.00	1.80	(9999)	140.400	
	Labour:						
	Fitter Grade-1	per day	0.75	348.00	(0116)	261.000	
	Beldar	per day	1.50	254.00	(0114)	381.000	
	Shuttering oil	L.S	52.00	1.80	(9999)	93.600	
	sundries	L.S	26.00	1.80	(9999)	46.800	
						1500.66	
	Add for water charges @ 1 %					15.01	
	Total					1515.66	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					212.95	
	Total					1728.61	(Y)
	Add for contractor's profit and over-heads @ 15%"Y"					259.29	
	Cost of 10.8 sqm					1987.91	
	Cost of 1 sqm					184.07	
	Add labour cess @ 1%					1.84	
	Rate including labour cess					185.91	
			Say	**Rs.185.90**		**per sqm**	
4.3.2	**Retaining walls,return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets etc.**						

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Details for 7.9 m long and 1.00 high wall Area of contact 2x7.9x1.0=15.8 sqm						
	Materials:						
	Wall form panel (1.25x0.5) 2x3x2x2=24 nos.	each	24.00	837.65	(7319)	20103.63	(A)
	100 mm channel shoulder 2.5 m long. 4x2=8	each	8.00	884.19	(7327)	7073.50	(A)
	Bridge clop 2x6x2=24	each	24.00	74.46	(7328)	1786.99	(A)
	Single clip 2x3x2=12	ea'eh	12.00	57.70	(7329)	692.46	(A)
	M.S. Tuble 40 mm 2x2x8m=32m	metre	32.00	209.41	(7330)	6701.21	(A)
	Nut & bolts	L.S	1299.76	1.80	(9999)	2339.58	(A)
	Add maintenance charges @ 10% on 'A' salvage value of materials after full use @ 25% on 'A'					38697.36	(A)
	Assuming shuttering will become unserviceable after use of 40 times						
	cosl for using once					822.32	
	Carriage	L.S	78.00	1.80	(9999)	140.400	
	Labour:						
	Fitter Grade-1	per day	3.50	348.00	(0116)	1218.000	
	Beldar	per day	6.00	254.00	(0114)	1524.000	
	Shuttering oil	L.S	1299.76	1.80	(9999)	2339.576	
	sundries	L.S	52.00	1.80	(9999)	93.600	
	Total					6137.90	
	Add for water charges @ 1 %					61.38	
	Total					6199.27	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					871.00	
	Total					7070.27	(Y)
	Add for contractor's profit and over-heads @ 15%"Y"					1060.54	
	Cost of 15.8 sqm					8130.81	
	Cost of 1 sqm					514.61	
	Add labour cess @ 1%					5.15	
	Rate including labour cess					519.76	
			Say	**Rs.519.80**		**per sqm**	
4.3.3	**Columns, piers,abutments, pillars,posts and struts Details of cost for**						
	Size of column 450x450mm and 2.5m high Area of contact=4x0.45x2.5=4.5 sqm						
	Materials:						
	Wall form panel (1250x450)	each	8.00	837.65	(7331)	6701.209	(A)
	Corner angle 2.5m long	each	4.00	246.64	(7332)	986.567	(A)
	Column clamp (450-1070 mm)	each	5.00	940.03	(7333)	4700.153	(A)
	Prop. 2 m (2.0-3.5m)	each	4.00	618.93	(7334)	2475.724	(A)
	Assembly nut & bolt	1 time	1299.76	1.80	(9999)	2339.576	(A)
	Add for maintenance charges @ 10% on 'A' Less salvage value of material after full use @ 25% on 'A'					17203.23	(A)
	Assume shuttering will become unserviceable after use of 40 times					17203.23	
	Cosl for using once					365.57	
	Carriage	LS	52.00	1.80	(9999)	93.600	
	Labour:						
	Fitter Grage-1	per day	1.00	348.00	(0116)	348.000	
	Beldar	per day	2.00	254.00	(0114)	508.000	
	Shuttering oil	LS	39.00	1.80	(9999)	70.200	
	Sundries	LS	26.00	1.80	(9999)	46.800	
	Total					1432.17	
	Add for water charges @ 1%					14.32	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.
	Total					1446.49 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					203.23
	Total					1649.72 (Y)
	Add for contractor's profit and over-heads @ 15%"Y"					247.46
	Cost of 4.5 sqm					1897.18
	Cost of 1 sqm					421.60
	Add labour cess @ 1%					4.22
	Rate including labour cess					425.82
			Say	**Rs.425.80**		**per sqm**
4.4	**Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centring, shuttering and finishing.**					
4.4.1	**1:2:4 (1 Cement :2 coarse sand :4 grade stone aggregate 20 mm nominal size)**					
	Details of cost for kerb					
	100 m long. 20 cm deep and 30 cm wide					
	100m x 0.30mx0.20m=6.00 cum					
	Materials:					
	Cement concrete 1:2:4	cum	6.00	4110.28	(4.1.3)	24661.67
	Cost of 6 cum					24661.67
	Cost of 1 cum					4110.28
	Add labour cess @ 1%					41.10
	Rate including labour cess					4151.38
			Say	**Rs.4151.40**		**per cum**
4.4.2	1:3:6 (1 Cement:3 coarse sand:6 graded stone aggregate 20 mm nominal size)					
	Details of cost for kerb:					
	100m long 20cm deep and 30cm wide					
	100mx0.30m0.20m=6.00 cum					
	Materials:					
	Cement concrete 1:3:6	cum	6.00	3427.15	(4.1.5)	20562.90
	Cost of 6 cum					20562.90
	Cost of 1 cum					3427.15
	Add labour cess @ 1%					34.27
	Rate including labour cess					3461.42
			Say	**Rs.3461.40**		**per cum**
4.5	**Providing and fixing up to floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc. including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete.**					
4.5.1	**1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).**					
	Details of cost for Plain window sill 15 nos.					
	15x1m x 0.20m x 0.15m = 0.45cum.					
	MATERIAL:					
	Cement concrete 1:1.5:3					
	Rate as per Item Number 4.1.2 of	cum	**0.45**	4634.93	(4.1.2)	**2085.72** (A)

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	SH: Concrete work						
	Extra labour for lifting						
	0.45 x 0.45 x 2.5 = 0.51						
	Coolie	day	**0.51**	265.00	(0115)	**135.15**	
	Centering and shuttering						
	(1) Mould						
	(i) Plate 3mm thick: (2x1x0.15)+(2x0.15x0.20) = 0.36 sqm. @ 23.55kg/m2 = 8.48 kg.						
	(ii) Flat 10x5mm: 4x1.0 = 4.0m						
	8x0.2 = 1.6m						
	4x0.15 = 0.60m						
	Handle 2x0.25 = 0.5m						
	=6.70 m @ 0.4kg/m = 2.68 kg.						
	Total = 11.16kg. or 0.112 qtl.						
	Assuming shuttering will become unserviceable after use of 40 times and taking 75% credit.						
	Qty taken for cost of using once = 0.112x 0.75/40 = 0.0021 qtl = 0.21 kg						
	Rate as per Item Number 10.1 of SH: Steel work	kg	**0.21**	68.24	(10.1)	**14.33**	(A)
	(2) Moulding Platform						
	Assuming platform will become unserviceable after use of 40 times,						
	(i) Brick on edge flooring cement mortar 1:6						
	1x2.0x2.0m = 4 sqm.						
	Qty taken for cost of using once = 4/40 = 0.1 sqm						
	Rate as per Item Number 11.1.2 of SH: Flooring	sqm	**0.1**	612.39	**(11.1.2)**	**61.24**	(A)
	(ii) 25mm thick cement concrete 1:2:4 in pavement						
	2.00x2.00x0.025 = 0.10cum						
	Qty taken for cost of using once = 0.100/40 = 0.0025 cum						
	Rate as per Item Number 11.7 of SH: Flooring	cum	**0.0025**	5286.58	(11.7)	**13.22**	(A)
	Mortar and labour for hoisting and finishing	LS	**36.3**	1.80	(9999)	**65.34**	
	TOTAL					**2374.996**	
	Add Water Charges @ 1% except on A i.e on Total					**2377.00**	(X)
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)					28.45	
	Total					2405.45	(Y)
	Add CPOH @ 15% except on A i.e on "Y"					**34.64**	
	Total					**2440.09**	
	Cost of 0.45 cum					**2440.09**	
	Cost of 1 cum					**5422.43**	
	Add labour cess @ 1%					54.22	
	Rate including labour cess					**5476.65**	
			Say	**Rs.5476.60**		**per cum**	

4.5.2 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).

Details of cost for Plain window sill 15 nos.
15x1m x 0.20m x 0.15m = 0.45cum.
MATERIAL:
Cement concrete 1:2:4

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Rate as per Item Number 4.1.3 of SH: Concrete work	cum	**0.45**	4110.28	(4.1.3)	**1849.62**	(A)
	Extra labour for lifting 0.45 x 0.45 x 2.5 = 0.51						
	Coolie	day	**0.51**	265.00	(0115)	**135.15**	
	Centering and shuttering (1) Mould (i) Plate 3mm thick: (2x1x0.15)+(2x0.15x0.20) = 0.36 sqm. @ 23.55kg/m2 = 8.48 kg. (ii) Flat 10x5mm: 4x1.0 = 4.0m 8x0.2 = 1.6m 4x0.15 = 0.60m Handle 2x0.25 = 0.5m =6.70 m @ 0.4kg/m = 2.68 kg. Total = 11.16kg. or 0.112 qtl. Assuming shuttering will become unserviceable after use of 40 times and taking 75% credit. Qty taken for cost of using once = 0.112x 0.75/40 = 0.0021 qtl = 0.21 kg						
	Rate as per Item Number 10.1 of SH: Steel work	kg	**0.21**	68.24	(10.1)	**14.33**	A
	(2) Moulding Platform Assuming platform will become unserviceable after use of 40 times, (i) Brick on edge flooring cement mortar 1:6 1x2.0x2.0m = 4 sqm. Qty taken for cost of using once = 4/40 = 0.1 sqm						
	Rate as per Item Number 11.1.2 of SH: Flooring	sqm	**0.1**	612.39	**(11.1.2)**	**61.24**	A
	(ii) 25mm thick cement concrete 1:2:4 in pavement 2.00x2.00x0.025 = 0.10cum Qty taken for cost of using once = 0.100/40 = 0.0025 cum						
	Rate as per Item Number 11.7 of SH: Flooring	cum	**0.0025**	5286.58	(11.7)	**13.22**	A
	Mortar and labour for hoisting and finishing	LS	**36.3**	1.80	(9999)	**65.34**	
	TOTAL					**2138.90**	
	Add Water Charges @ 1% except on A i.e on TOTAL					**2.00** **2140.91**	X
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)					28.45	
	Total					2169.36	(Y)
	Add CPOH @ 15% except on A i.e on					**34.64**	
	Cost of 0.45 cum					**2204.00**	
	Cost of 1 cum					**4897.77**	
	Add labour cess @ 1%					**48.98**	
	Rate including labour cess					**4946.75**	
			Say	**Rs.4946.80**		**per cum**	
4.5.3	**1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).** Details of cost for Plain window sill 15 nos. 15x1m x 0.20m x 0.15m = 0.45cum. MATERIAL: Cement concrete 1:3:6						
	Rate as per Item Number 4.1.2 of SH: Concrete work	cum	**0.45**	3427.15	(4.1.5)	**1542.22**	A

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Extra labour for lifting 0.45 x 0.45 x 2.5 = 0.51						
	Coolie	day	**0.51**	265.00	(0115)	**135.15**	
	Centering and shuttering (1) Mould (i) Plate 3mm thick: (2x1x0.15)+(2x0.15x0.20) = 0.36 sqm. @ 23.55kg/m2 = 8.48 kg. (ii) Flat 10x5mm: 4x1.0 = 4.0m 8x0.2 = 1.6m 4x0.15 = 0.60m Handle 2x0.25 = 0.5m =6.70 m @ 0.4kg/m = 2.68 kg. Total = 11.16kg. or 0.112 qtl. Assuming shuttering will become unserviceable after use of 40 times and taking 75% credit. Qty taken for cost of using once = 0.112x 0.75/40 = 0.0021 qtl = 0.21 kg						
	Rate as per Item Number 10.1 of SH: Steel work	kg	**0.21**	68.24	(10.1)	**14.33**	A
	(2) Moulding Platform Assuming platform will become unserviceable after use of 40 times, (i) Brick on edge flooring cement mortar 1:6 1x2.0x2.0m = 4 sqm. Qty taken for cost of using once = 4/40 = 0.1 sqm						
	Rate as per Item Number 11.1.2 of SH: Flooring	sqm	**0.10**	612.39	**(11.1.2)**	**61.24**	A
	(ii) 25mm thick cement concrete 1:2:4 in pavement 2.00x2.00x0.025 = 0.10cum Qty taken for cost of using once = 0.100/40 = 0.0025 cum						
	Rate as per Item Number 11.7 of SH: Flooring	cum	**0.00**	5286.58	(11.7)	**13.22**	A
	Mortar and labour for hoisting and finishing	LS	**36.30**	1.80	(9999)	**65.34**	
	TOTAL					**1831.49**	
	Add Water Charges @ 1% except on A i.e on TOTAL					**2.00** **1833.50**	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)					28.45	
	Total					1861.95	(Y)
	Add CPOH @ 15% except on A i.e on					**30.37**	
	Cost of 0.45 cum					**1892.32**	
	Cost of 1 cum					**4205.16**	
	Add labour cess @ 1%					**42.05**	
	Rate including labour cess					**4247.21**	
			Say	**Rs.4247.20**		**per cum**	
4.6	**Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), including the cost of required centering, shuttering complete.**						

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
4.6.1	**1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).**						
	Details of cost for 25 no kerbs, 40x30x 20cm =25 no x 0.40m x 0.30m x 0.20m 0.6 cum.						
	MATERIAL:						
	Cement concrete 1:2:4						
	Rate as per Item Number 4.1.3 of SH: Concrete work	cum	**0.6**	3427.15	4.1.3	**2056.29**	A
	Centering and shuttering						
	1) Mould						
	i) Plate 3mm thick						
	0.28 sqm. @ 23.55kg/m2 = 6.59 kg.						
	ii) Flat 10x5mm						
	Handle 2x0.25 x0.4 = @ 0.4kg/m = 0.20 kg.						
	= 6.79kg. or 0.068 qtl.						
	Assuming shuttering will become unserviceable after use of 40 times and taking 75% credit.						
	Qty taken for cost of using once = 0.068x0.75/40 = 0.001275 qtl = 0.1275 kg						
	Rate as per Item Number 10.1 of SH: Steel work	Kg	**0.1275**	68.24	10.1	**8.70**	A
	(2) Moulding Platform						
	Assuming platform will become unserviceable after use of 40 times.						
	(i) Brick on edge flooring cement mortar 1:6						
	1x2.0x2.0m = 4 sqm.						
	Qty taken for cost of using once = 4/40 = 0.1 sqm						
	Rate as per Item Number 11.1.2 of SH: Flooring	sqm	**0.1**	612.39	11.1.2	**61.24**	A
	(ii) 25mm thick cement concrete 1:2:4 in pavement						
	2.00x2.00x0.025 = 0.10						
	Qty taken for cost of using once = 0.100/40 0.0025 cum						
	Rate as per Item Number 11.7 of SH: Flooring	cum	**0.0025**	5286.58	11.7	**13.22**	A
	Mortar and labour for finishing	LS	**30.54**	1.80	9999	**54.97**	
	TOTAL					**2194.42**	
	Add Water Charges @ 1% except on A i.e on					**0.55**	
	TOTAL					**2194.97**	X
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)					7.80	
	Total					2202.77	(Y)
	Add CPOH @ 15% except on A i.e on					**9.50**	
	Cost of 0.6 cum					**2212.27**	
	Cost of 1 cum					**3687.11**	
	Add labour cess @ 1%					**36.87**	
	Rate including labour cess					**3723.98**	
			Say	**Rs.3724.00**		**per cum**	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
4.7	**Providing and fixing up to floor five level precast cement concrete solid block,including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete.**						
4.7.1	**1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).**						
	Details of cost for 25 no blocks, 40x20x 30cm =25 no x 0.40m x 0.30m x 0.20m 0.60 cum.						
	MATERIAL:						
	Cement concrete 1:2:4						
	Rate as per Item Number 4.1.3 of SH: Concrete work	cum	**0.6**	3427.15	(4.1.3)	**2056.29**	A
	Centering and shuttering						
	1) Mould						
	i) Plate 3mm thick 0.28 sqm. @ 23.55kg/m2 6.59 kg.						
	ii) Flat 10x5mm						
	Handle						
	2x0.25 x0.4 = @ 0.4kg/m = 0.20 kg.						
	6.79kg. or 0.068 qtl.						
	Assuming shuttering will become unserviceable after use of 40 times and taking 75% credit.						
	Qty taken for cost of using once = 0.068x0.75/40 = 0.001275 qtl = 0.1275 kg						
	Rate as per Item Number 10.1 of SH: Steel work	Kg	**0.1275**	68.24	(10.1)	**8.70**	A
	2) Moulding Platform						
	Assuming platform will become unserviceable after use of 40 times,						
	i) Brick on edge flooring cement mortar 1:6 1x2.0x2.0m = 4 sqm.						
	Qty taken for cost of using once = 4/40 = 0.1 sqm						
	Rate as per Item Number 11.1.2 of SH: Flooring	sqm	**0.1**	612.39	(11.1.2)	**61.24**	A
	ii) 25mm thick cement concrete 1:2:4 in pavement						
	2.00x2.00x0.025 = 0.10						
	Qty taken for cost of using once = 0.100/40 = 0.0025 cum						
	Rate as per Item Number 11.7 of SH: Flooring	cum	**0.0025**	5286.58	(11.7)	**13.22**	A
	Mortar 1:3 for Fixing						
	0.202/100x25=0.051						
	Rate as per Item Number 3.8 of SH: Mortars	cum	**0.051**	3246.34	(2112)	**165.56**	
	Extra for Labour for lifting						
	27/100x25=0.675 or 0.68						
	Coolie	day	**0.68**	265.00	(0115)	**180.20**	
	Labour for hoisting and setting in position						
	Mason (brick layer) 1 st class	day	**0.6**	342.00	(0123)	**205.20**	
	Beldar	day	**3.6**	254.00	(0114)	**914.40**	
	Finishing						
	25x2(0.4x0.3) =6.0 sqm.						
	TOTAL					**3604.81**	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Add Water Charges @ 1% except on A i.e on					**14.65**	
	TOTAL					**3619.46**	(x)
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)					207.94	
	Total					3827.41	(Y)
	Add CPOH @ 15% except on A i.e on					**253.19**	
	Cost of 0.6 cum					**4080.60**	
	Cost of 1 cum					**6801.00**	
	Add labour cess @ 1%					68.01	
	Rate including labour cess					**6869.01**	
			Say	**Rs.6869.00**		**per cum**	
4.8	**Providing and fixing up to floor five level precast cement concrete hollow block,including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete.**						
4.8.1	**1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mmnominal size).**						
	Details of cost for one block of overall size 1m x 0.50m and 0.10m thick having 6 vertical hollows, 40x20x30cm finished contents = 1mx0.5mx0.1m = 0.05cum.						
	MATERIAL:						
	Cement concrete 1:2:4 Net qty = 0.05 [6x0.5x{2x1/2(0.05+7)}x0.074] = 0.023cum						
	Rate as per Item Number 4.1.3 of SH: Concrete work	cum	**0.023**	3427.15	(4.1.3)	**78.82**	A
	Centering and shuttering issncluding T&P charges, hire charges of steel mould, table vibrator, rammer, bolts nuts & washers etc.	LS	**26.91**	1.80	(9999)	**48.44**	
	Extra Labour for lifting material upto floor V level						
	Coolie	day	**0.056**	265.00	(0115)	**14.84**	
	Labour for hoisting and setting in position						
	Mason (brick layer) 1 st class	day	**0.05**	342.00	(0123)	**17.10**	
	Beldar	day	**0.3**	254.00	(0114)	**76.20**	
	Cement mortar 1:2 for fixing						
	Rate as per Item Number 3.7 of SH: Mortars	cum	**0.002**	4157.64	(2111)	**8.32**	
	TOTAL					**243.72**	
	Add Water Charges @ 1% except on A i.e on					**1.65**	
	TOTAL					**245.37**	(X)
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)					23.40	
	Total					268.77	(Y)
	Add CPOH @ 15% except on A i.e on					**28.49**	
	Cost of 0.05 cum					**297.26**	
	Cost of 1 cum					**5945.14**	
	Rate including labour cess					**6242.40**	
			Say	**Rs.6242.40**		**per cum**	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.
	DAMP-PROOF- COURSE					
4.11	**Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4(1 cement:2:2 coarse sand :4 graded stone aggregate 20mm nominal size)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement concrete 1:2:4=10x0.05=0.50 cum	cum	0.50	4110.28	(4.1.3)	2055.139 A
	Add for delay:					
	Mason 1st class	per day	0.40	342.00	(0123)	136.800
	Mason 2nd class	per day	0.40	305.00	(0124)	122.000
	Sundires (Form work etc.)	1 time	13.52	1.80	(9999)	24.336
						2338.27
	Add for water charges @ 1 %					2.83
						2341.11 (X)
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)					40.18
	Total					2381.28 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y" except "A"					48.92
	Cost of 10 sqm					2430.21
	Cost of 1 sqm					243.02
	Add labour cess @ 1%					2.43
	Rate including labour cess					245.45
			Say	**Rs.245.50**		**per sqm**
4.12	**Extra for providing and mixing water prooding material in cement concrete work in the proportion recommended by the manufacturers. Details o cost for per bag of 50 kg. of cement**					
	Materials:					
	Approved water proofing materials according to the recommended proportions	kilogram	1.00	32.58	(1213)	32.575
	Carriage of water proofing material and Labour for mixing etc.	1 time	3.64	1.80	(9999)	6.552
						39.13
	Add for water charges @ 1 %					0.39
						39.52 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					5.55
	Total					45.07 (Y)
	Add for contractor's profit and over-heads @ 15%on "Y"					6.76
						51.83
	Cost of 1 per 50 kg cement					51.83
	Add labour cess @ 1%					0.52
	Rate including labour cess					52.35
			Say	**Rs.52.35**		**per 50 Kg**
4.13	**Applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7 kg. per square metre on damp oroof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.**					
	Details cost for 10 sqm					
	Materials:					
	Paving Bitumen S-90	tonne	0.017	27549.41	(0309)	468.340
	Kerosene oil	litre	1.23	41.88	(0771)	51.516
	Fuel (steam coal) for heating	quintal	0.035	372.29	(0370)	13.030
	Carriage of Bitumen		0.017	108.08	(2211)	1.837
	Labour:					
	Cleaning surface and applying kersoene oi-					

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Beldar	per day	0.12	254.00	(0114)	30.480	
	Heating the materials						
	Beldar	per day	0.07	254.00	(0114)	17.780	
	Spreading hot tar over damp oroof course						
	Painter	per day	0.2	323.00	(0131)	64.600	
	Sundries (Carriage of kerosene. Steam coal, brushes, T&P etc.)	1 time	12.75	1.80	(9999)	22.950	
						670.53	
	Add for water charges @ 1 %					6.71	
						677.24	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					95.15	
	Total					772.39	(Y)
	Add for contractor's profit and over-heads @ 15%					115.86	
	Cost of 10 sqm					888.25	
	Cost of 1 sqm					88.82	
	Add labour cess @ 1%					0.89	
	Rate including labour cess					89.71	
			Say	**Rs.89.70**		**per sqm**	

MISCELLANEOUS

4.14 Extra for concrete work in superstructure above floor V level for each four floors or part there of. Details cost per cum

Details of cost for one cum.

Extra labour element required for lifting of materials (0.75x2.00=1.50)					
Coolies	per day	1.50	265.00	(0115)	397.500
TOTAL					397.500
Add for water charges @ 1 %					3.98
TOTAL					401.48 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					56.41
Total					457.88 (Y)
Add for contractor's profit and over-heads @ 15%					68.68
Cost of 1 cum					526.56
Add labour cess @ 1%					5.27
Rate including labour cess					531.83
		Say	**Rs.531.80**		**per cum**

4.15 Extra for laying concrete in or under water and/or liquid mud including cost of pumping or bailing out water and removing slush etc. complete Details of cost for depth of water 3.0 m.

Note for item No. 4.15 :- The quantity will be calculated by multiplying the depth measured from the subsoil water level upto centre of gravity of concrete under subsoil water level with quantity of concrete in cum executed under the sub-soil water.
The depth of centre of gravity shall be recorded corrrect to 0.10 m. 0.05 m or more shall be taken as 0.10 m and less than 0.05 m ignored.

Details of cost for 14 cum per 0.3m depth.

Quantity of concrete = 14 cum pumping hours
= 3 hours
on 0.375 day.

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.
	Cost of pumping water with 4000 litres per hour capacity pump	Per day	0.375	650.000	(0011)	243.750
	Beldar for clearing slush	per day	4.000	254.000	(0114)	1016.000
						1259.750
	Add for water charges @ 1%					12.60
						1272.35 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					178.76
	Total					1451.11 (Y)
	Add for contractor's profit and over-heads @ 15%					217.67
	Cost of 14 cum per 0.3m depth					1668.78
	Cost of 1 cum per m depth					397.33
	Add labour cess @ 1%					3.97
	Rate including labour cess					401.30
	Cost per cum per m depth		**Say**	**Rs.401.30**		**per cum**
	Note for item No. 4.29*					
	The quantity will be calculated by multiplying the depth measured form the sub-soil water level upto centre of graity of concrete under sub-soil water water level with quantity of concrete in cum executed uder sub-soil water. The depth of centre of gravity shall be reckoned correct to 0.1 m. 0.05 m or more shall be taken as 0.1 m and less than 0.05 m ignored.					
4.16	**Extra for laying conrete in or under foul positions. Details of cost for 1 cum**					
	Extra baour due to slow progress-					
	Mason 1st class	per day	0.02	342.00	(0123)	6.840
	Mason 2nd class	per day	0.02	305.00	(0124)	6.100
	Beldar	per day.	0.25	254.000	(0114)	63.500
	Coolie	per day	0.15	265.00	(0115)	39.750
						116.190
	Add for water charges @ 1%					1.16
	Total					117.35 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					16.49
	Total					133.84 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					20.08
	Total					153.92
	Cost of 1 cum					153.92
	Add labour cess @ 1%					1.54
	Rate including labour cess					155.46
			Say	**Rs.155.50**		**per cum**
4.16A	**Extra for using 12.5/10 mm nominal size graded/single size stone aggregate instead of 20 mm nominal size graded stone aggregate in cement concrete/reinforced, cement concrete 1:2:4 (1cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size).**					
	Detail cost for 1 cum.					
	Cost of 20 mm nominal size stone aggregate	cum	0.67	556.33	(0295)	372.741
	Cost for 12.5/10 mm nominal size stone aggregate	cum	0.67	620.42	(0297)	415.681
	Difference of cost i.e. difference form 20 mm to 12.5/10 mm size stone aggregate					42.940

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.
						42.940
	Add for water charges @ 1 %					0.43
	Total					43.37 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					6.09
	Total					49.46 (Y)
	Add for contractor's profit and over-heads @					7.42
	15% Cost of 1 cum					56.88
	Add labour cess @ 1%					0.57
	Rate including labour cess					57.45
			Say	**Rs.57.50**		**per cum**
4.17	**Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement :3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth.**					
	Details of cost for 10 sqm.					
	MATERIAL:					
	Brick Aggregate (Single size) : 40 mm nominal size	cum	0.75	1351.00	(0287)	1013.250
	Carriage of brick aggregate	cum	0.75	0.00	(2260)	0.000
	Fine sand (zone IV)	cum	0.75	117.66	(0983)	88.245
	Carriage of fine sand (1 part c sand: 2 parts sand)	cum	0.06	0.00	(2261)	0.000
	LABOUR:					
	Dressing the gound including cutting and filling upto 15cm					
	Beldar	day	0.16	254.00	(0114)	40.640
	Coolie	day	0.11	265.00	(0115)	29.150
	MATERIAL:					
	For C.C 1:3:6					
	Cement concrete 1:3:6 Qty. of cement concrete 1:3:6 on 10 sqm. area = 0.5cum.					
	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.35	556.33	(0295)	194.716
	Stone Aggregate (Single size) : 10 mm nominal size	cum	0.12	620.42	(0297)	74.450
	Carriage of stone aggregate below 40 mm nominal size	cum	0.47	0.00	(2202)	0.000
	Coarse sand (zone III)	cum	0.23	160.69	(0982)	36.959
	Carriage of coarse sand	cum	0.23	0.00	(2203)	0.000
	Portland Cement	tonne	0.11	5474.00	(0367)	602.140
	Carriage of cement	tonne	0.11	0.00	(2209)	0.000
	LABOUR:					
	For C.C 1:3:6					
	Beldar	day	1.00	254.00	(0114)	254.000
	Mason (brick layer) 1 st class	day	0.05	342.00	(0123)	17.100
	Bhisti	day	0.33	277.00	(0101)	91.410
	Hire and running charges of mechanical mixer	LS	13.39	1.80	(9999)	24.102
	Sundries	LS	6.76	1.80	(9999)	12.168
	LABOUR:					
	Mason (average)	day	0.27	305.00	(0155)	82.35
	Beldar	day	1.08	254.00	(0114)	274.32

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Coolie	day	1.08	265.00	(0115)	286.20	
	TOTAL					3121.20	
	Add Water Charges @ 1%					31.21	
	TOTAL					3152.41	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					442.91	
	Total					3595.33	(Y)
	Add CPOH @ 15% on "Y"					539.30	
	Cost of 10 sqm					4134.62	
	Cost of 1 sqm					413.46	
	Add labour cess @ 1%					4.13	
	Rate including labour cess					417.59	
			Say	**Rs.417.60**		**sqm**	
4.18	**Extra for addition of synthetic Polyester triangular fibre of length 12mm, effective diameter 10-40 microns and specific gravity of 1.34 to 1.40 in cement concrete/RCC/ Flooring/water retaining structures by using 125gms of synthetic Polyester triangular fibre for 50 Kg cement used as per directions of Engineer-in-Charge.**						
	Detail of cost for per bag of 50 kg of cement used in concrete						
	MATERIAL						
	Synthetic polyester triangular fibre of length 12mm , effective dia 10-40 microns and specific gravity of 1.34 to 1.40	kg	0.125	339.71	**(8732)**	42.46	
	TOTAL					42.46	
	Add 1 % Water charges					0.42	
	TOTAL					42.89	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					6.03	
	Total					48.91	(Y)
	Add 15 % Contractor's profit and overheads on"Y"					7.34	
	Cost per bag of 50 kg of cement					56.25	
	Add labour cess @ 1%					0.56	
	Rate including labour cess					56.81	
			Say	**Rs.56.80**			
				per bag of 50 kg of cement			
4.19	**Providing and laying in position ready mixed plain cement concrete, using fly ash and cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, excluding the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge.**						
	Note : (1) Excess/less cement used than specified in this item is payable/ recoverable separately.						
	(2) Fly ash conforming to grade I of IS 3812 (Part-1) only be used as part replacement of OPC as per IS : 456. Uniform blending with cement is to be ensured in accordance with clauses 5.2 and 5.2.1 of IS: 456 -2000 in the items of BMC and RMC.						
4.19.1	**All works upto plinth level**						
4.19.1.1	**M-15 grade plain cement concrete (cement content considered @ 240 kg/cum)**						
	Details of cost for 1.00 cum						
	MATERIAL						

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Stone Aggregate (Single size) : 40 mm nominal size	cum	0.65	445.22	(0293)	289.39	
	(0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)						
	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	(0295)	133.52	
	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	(2206)	0.00	
	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0.00	(2202)	0.00	
	Coarse sand (zone III)	cum	0.37	160.69	(0982)	59.46	
	Carriage of Coarse sand	cum	0.37	0.00	(2203)	0.00	
	Flyash	cum	0.21	7.45	(1980)	1.56	
	Carriage of Flyash	cum	0.21	0.00	(2262)	0.00	
	Portland Cement	tonne	0.24	5474.00	(0367)	1313.76	
	Carriage of Cement	tonne	0.24	0.00	(2209)	0.00	
	Plasticizer / super plasticizer	kilogram	1.20	35.37	(7318)	42.44	
	Production cost, pumping to respective floors and laying in position						
	Production cost of concrete by batch mix plant.	cum	1.00	400.00	(0004)	400.00	
	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	(0029)	230.00	
	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00	200.00	(0009)	200.00	
	Labour for pouring, consolidating & curing						
	Mason (average)	Day	0.17	305.00	(0155)	51.85	
	Beldar	Day	2.00	254.00	(0114)	508.00	
	Bhisti	Day	0.90	277.00	(0101)	249.30	
	Vibrator(Needle type 40mm)	Day	0.07	350.00	(0012)	24.50	
	Sundries	L.S.	13.00	1.80	(9999)	23.40	
	Total					3527.18	
	Add 1 % Water charges					35.27	
	Total					3562.45	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					500.52	
	Total					4062.98	(Y)
	Add 15 % Contractor's profit and overheads					609.45	
	Cost per 1.00 cum					4672.43	
	Add labour cess @ 1%					46.72	
	Rate including labour cess					4719.15	
			Say	**Rs.4719.10**		**per cum**	
4.19.1.2	**M-10 grade plain cement concrete (cement content considered @ 220 kg/cum)**						
	Details of cost for 1.00 cum						
	MATERIAL						
	Stone Aggregate (Single size) : 40 mm nominal size	cum	0.65	445.22	(0293)	289.39	
	(0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)						
	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	(0295)	133.52	
	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	(2206)	0.00	
	Carriage of Stone aggregate below 40 mm						

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.
	nominal size	cum	0.24	0.00	(2202)	0.00
	Coarse sand (zone III)	cum	0.37	160.69	(0982)	59.46
	Carriage of Coarse sand	cum	0.37	0.00	(2203)	0.00
	Flyash	cum	0.21	7.45	(1980)	1.56
	Carriage of Flyash	cum	0.21	0.00	(2262)	0.00
	Portland Cement	tonne	0.22	5474.00	(0367)	1204.28
	Carriage of Cement	tonne	0.22	0.00	(2209)	0.00
	Plasticizer / super plasticizer	kilogram	1.10	35.37	(7318)	38.90
	Production cost, pumping to respective floors and laying in position					
	Production cost of concrete by batch mix plant.	cum	1.00	400.00	(0004)	400.00
	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	(0029)	230.00
	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00	200.00	(0009)	200.00
	Labour for pouring, consolidating & curing					
	Mason (average)	Day	0.17	305.00	(0155)	51.85
	Beldar	Day	2.00	254.00	(0114)	508.00
	Bhisti	Day	0.90	277.00	(0101)	249.30
	Vibrator(Needle type 40mm)	Day	0.07	350.00	(0012)	24.50
	Sundries	L.S.	13.00	1.80	(9999)	23.40
	Total					3414.17
	Add 1 % Water charges					34.14
	Total					3448.31 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					484.49
	Total					3932.79 (Y)
	Add 15 % Contractor's profit and overheads					589.92
	Cost per 1.00 cum					4522.71
	Add labour cess @ 1%					45.23
	Rate including labour cess					4567.94
			Say	**Rs.4567.90**		**per cum**
4.19.2	**All works above plinth and upto floor V level:**					
4.19.2.1	**M-15 grade plain cement concrete (cement content considered @ 240 kg/cum)**					
	Details of cost for 1.00 cum					
	MATERIAL					
	Stone Aggregate (Single size) : 40 mm nominal size	cum	0.65	445.22	(0293)	289.39
	(0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)					
	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	(0295)	133.52
	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	(2206)	0.00
	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0.00	(2202)	0.00
	Coarse sand (zone III)	cum	0.37	160.69	(0982)	59.46
	Carriage of Coarse sand	cum	0.37	0.00	(2203)	0.00
	Flyash	cum	0.21	7.45	(1980)	1.56
	Carriage of Flyash	cum	0.21	0.00	(2262)	0.00
	Portland Cement	tonne	0.24	5474.00	(0367)	1313.76
	Carriage of Cement	tonne	0.24	0.00	(2209)	0.00

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Plasticizer / super plasticizer	kilogram	1.20	35.37	(7318)	42.44	
	Production cost, pumping to respective floors and laying in position						
	Production cost of concrete by batch mix plant.	cum	1.00	400.00	(0004)	400.00	
	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	(0029)	230.00	
	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00	200.00	(0009)	200.00	
	Labour for pouring, consolidating & curing						
	Mason (average)	Day	0.17	305.00	(0155)	51.85	
	Beldar	Day	2.00	254.00	(0114)	508.00	
	Bhisti	Day	0.90	277.00	(0101)	249.30	
	Vibrator(Needle type 40mm)	Day	0.07	350.00	(0012)	24.50	
	Sundries	L.S.	13.00	1.80	(9999)	23.40	
	(Extra labour for lifting material upto floor V lev el = 0.75 x 2.5 = 1.88)						
	Coolie	Day	1.88	265.00	(0115)	498.20	
	Total					4025.38	
	Add 1 % Water charges					40.25	
	Total					4065.64	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					571.22	
	Total					4636.86	(Y)
	Add 15 % Contractor's profit and overheads					695.53	
	Cost per 1.00 cum					5332.39	
	Add labour cess @ 1%					53.32	
	Rate including labour cess					5385.71	
			Say	**Rs.5385.70**		**per cum**	
4.19.2.2	**M-10 grade plain cement concrete (cement content considered @ 220 kg/cum)**						
	Details of cost for 1.00 cum						
	MATERIAL						
	Stone Aggregate (Single size) : 40 mm nominal size	cum	0.65	445.22	(0293)	289.39	
	(0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)						
	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	(0295)	133.52	
	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	(2206)	0.00	
	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0.00	(2202)	0.00	
	Coarse sand (zone III)	cum	0.37	160.69	(0982)	59.46	
	Carriage of Coarse sand	cum	0.37	0.00	(2203)	0.00	
	Flyash	cum	0.21	7.45	(1980)	1.56	
	Carriage of Flyash	cum	0.21	0.00	(2262)	0.00	
	Portland Cement	tonne	0.22	5474.00	(0367)	1204.28	
	Carriage of Cement	tonne	0.22	0.00	(2209)	0.00	
	Plasticizer / super plasticizer	kilogram	1.10	35.37	(7318)	38.90	
	Production cost, pumping to respective floors and laying in position						
	Production cost of concrete by batch mix plant.	cum	1.00	400.00	(0004)	400.00	
	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	(0029)	230.00	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00	200.00	(0009)	200.00	
	Labour for pouring, consolidating & curing						
	Mason (average)	Day	0.17	305.00	(0155)	51.85	
	Beldar	Day	2.00	254.00	(0114)	508.00	
	Bhisti	Day	0.90	277.00	(0101)	249.30	
	Vibrator(Needle type 40mm)	Day	0.07	350.00	(0012)	24.50	
	Sundries	L.S.	13.00	1.80	(9999)	23.40	
	(Extra labour for lifting material upto floor V level = 0.75 x 2.5 = 1.88)						
	Coolie	Day	1.88	265.00	(0115)	498.20	
	Total					3912.37	
	Add 1 % Water charges					39.12	
	Total					3951.49	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					555.18	
	Total					4506.67	(Y)
	Add 15 % Contractor's profit and overheads					676.00	
	Cost per 1.00 cum					5182.67	
	Add labour cess @ 1%					51.83	
	Rate including labour cess					5234.50	
			Say	**Rs.5234.50**		**per cum**	

4.20 Providing and laying in position ready mixed plain cement concrete, with cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, excluding the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge.

Note : 1) Excess/less cement used than specified in this item is payable/ recoverable separately.

4.20.1 **All works upto plinth level :**

4.20.1.1 **M-15 grade plain cement concrete (cement content considered @ 240 kg/cum)**

Details of cost for 1.00 cum					
MATERIAL					
Stone Aggregate (Single size) : 40 mm nominal size	cum	0.65	445.22	(0293)	289.39
(0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)					
Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	(0295)	133.52
Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	(2206)	0.00
Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0.00	(2202)	0.00
Coarse sand (zone III)	cum	0.47	160.69	(0982)	75.52
Carriage of Coarse sand	cum	0.47	0.00	(2203)	0.00
Portland Cement	tonne	0.24	5474.00	(0367)	1313.76
Carriage of Cement	tonne	0.24	0.00	(2209)	0.00

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.
	Plasticizer / super plasticizer	kilogram	1.20	35.37	(7318)	42.44
	Production cost, pumping to respective floors and laying in position					
	Production cost of concrete by batch mix plant.	cum	1.00	400.00	(0004)	400.00
	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	(0029)	230.00
	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00	200.00	(0009)	200.00
	Labour for pouring, consolidating & curing					
	Mason (average)	Day	0.17	305.00	(0155)	51.85
	Beldar	Day	2.00	254.00	(0114)	508.00
	Bhisti	Day	0.90	277.00	(0101)	249.30
	Vibrator(Needle type 40mm)	Day	0.07	350.00	(0012)	24.50
	Sundries	L.S.	13.00	1.80	(9999)	23.40
	Total					3541.69
	Add 1 % Water charges					35.42
	Total					3577.10 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					502.58
	Total					4079.69 (Y)
	Add 15 % Contractor's profit and overheads					611.95
	Cost per 1.00 cum					4691.64
	Add labour cess @ 1%					46.92
	Rate including labour cess					4738.56
			Say	**Rs.4738.60**		**per cum**
4.20.1.2	**M-10 grade plain cement concrete (cement content considered @ 220 kg/cum)**					
	Details of cost for 1.00 cum					
	MATERIAL					
	Stone Aggregate (Single size) : 40 mm nominal size	cum	0.65	445.22	(0293)	289.39
	(0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)					
	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	(0295)	133.52
	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	(2206)	0.00
	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0.00	(2202)	0.00
	Coarse sand (zone III)	cum	0.47	160.69	(0982)	75.52
	Carriage of Coarse sand	cum	0.47	0.00	(2203)	0.00
	Portland Cement	tonne	0.22	5474.00	(0367)	1204.28
	Carriage of Cement	tonne	0.22	0.00	(2209)	0.00
	Plasticizer / super plasticizer	kilogram	1.10	35.37	(7318)	38.90
	Production cost, pumping to respective floors and laying in position					
	Production cost of concrete by batch mix plant.	cum	1.00	400.00	(0004)	400.00
	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	(0029)	230.00
	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00	200.00	(0009)	200.00
	Labour for pouring, consolidating & curing					

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.	
	Mason (average)	Day	0.17	305.00	(0155)	51.85	
	Beldar	Day	2.00	254.00	(0114)	508.00	
	Bhisti	Day	0.90	277.00	(0101)	249.30	
	Vibrator(Needle type 40mm)	Day	0.07	350.00	(0012)	24.50	
	Sundries	L.S.	13.00	1.80	(9999)	23.40	
	Total					3428.67	
	Add 1 % Water charges					34.29	
	Total					3462.96	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					486.55	
	Total					3949.50	(Y)
	Add 15 % Contractor's profit and overheads					592.43	
	Cost per 1.00 cum					4541.93	
	Add labour cess @ 1%					45.42	
	Rate including labour cess					4587.35	
			Say	**Rs.4587.30**		**per cum**	
4.20.2	**All works above plinth and upto floor V level :**						
4.20.2.1	**M-15 grade plain cement concrete. (cement content considered @ 240 kg. /cum**						
	Details of cost for 1.00 cum						
	MATERIAL						
	Stone Aggregate (Single size) : 40 mm nominal size	cum	0.65	445.22	(0293)	289.39	
	(0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)						
	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	(0295)	133.52	
	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	(2206)	0.00	
	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0.00	(2202)	0.00	
	Coarse sand (zone III)	cum	0.47	160.69	(0982)	75.52	
	Carriage of Coarse sand	cum	0.47	0.00	(2203)	0.00	
	Portland Cement	tonne	0.24	5474.00	(0367)	1313.76	
	Carriage of Cement	tonne	0.24	0.00	(2209)	0.00	
	Plasticizer / super plasticizer	kilogram	1.20	35.37	(7318)	42.44	
	Production cost, pumping to respective floors and laying in position						
	Production cost of concrete by batch mix plant.	cum	1.00	400.00	(0004)	400.00	
	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	(0029)	230.00	
	Labour for pouring, consolidating & curing						
	Mason (average)	Day	0.17	305.00	(0155)	51.85	
	Beldar	Day	2.00	254.00	(0114)	508.00	
	Bhisti	Day	0.90	277.00	(0101)	249.30	
	Vibrator(Needle type 40mm)	Day	0.07	350.00	(0012)	24.50	
	Sundries	L.S.	13.00	1.80	(9999)	23.40	
	(Extra labour for lifting material upto floor V level = 0.75 x 2.5 = 1.88)						
	Coolie	Day	1.88	265.00	(0115)	498.20	
	Total					3839.89	
	Add 1 % Water charges					38.40	
	Total					3878.29	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					544.90	
	Total					4423.19	(Y)
	Add 15 % Contractor's profit and overheads					663.48	
	Cost per 1.00 cum					5086.66	

Item No	Description	Unit	Qty.	Rate	Rate Code	Cost Rs.
	Add labour cess @ 1%					50.87
	Rate including labour cess					5137.53
			Say	**Rs.5137.50**		**per cum**
4.20.2.2	**M-10grade plain cement concrete. (cement content considered @ 220 kg. /cum**					
	Details of cost for 1.00 cum					
	MATERIAL					
	Stone Aggregate (Single size) : 40 mm nominal size	cum	0.65	445.22	(0293)	289.39
	(0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)					
	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	(0295)	133.52
	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	(2206)	0.00
	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0.00	(2202)	0.00
	Coarse sand (zone III)	cum	0.47	160.69	(0982)	75.52
	Carriage of Coarse sand	cum	0.47	0.00	(2203)	0.00
	Portland Cement	tonne	0.22	5474.00	(0367)	1204.28
	Carriage of Cement	tonne	0.22	0.00	(2209)	0.00
	Plasticizer / super plasticizer	kilogram	1.10	35.37	(7318)	38.90
	Production cost, pumping to respective floors and laying in position					
	Production cost of concrete by batch mix plant.	cum	1.00	400.00	(0004)	400.00
	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	(0029)	230.00
	Labour for pouring, consolidating & curing					
	Mason (average)	Day	0.17	305.00	(0155)	51.85
	Beldar	Day	2.00	254.00	(0114)	508.00
	Bhisti	Day	0.90	277.00	(0101)	249.30
	Vibrator(Needle type 40mm)	Day	0.07	350.00	(0012)	24.50
	Sundries	L.S.	13.00	1.80	(9999)	23.40
	(Extra labour for lifting material upto floor V lev el = 0.75 x 2.5 = 1.88)					
	Coolie	Day	1.88	265.00	(0115)	498.20
	Total					3726.87
	Add 1 % Water charges					37.27
	Total					3764.14 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					528.86
	Total					4293.00 (Y)
	Add 15 % Contractor's profit and overheads					643.95
	Cost per 1.00 cum					4936.95
	Add labour cess @ 1%					49.37
	Rate including labour cess					4986.32
			Say	**Rs.4986.30**		**per cum**

SUB HEAD : 5.0

REINFORCED CEMENT CONCRETE

5.0 Reinforced Cement Concrete

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
5.1	**Providing and laying in position specified Mix of reinforced cement concrete excluding the cost of centring,shuttering.finishing and reinforcement-All work puto plinth level**					
5.1.1	**1:1:2 (1 cement:1 coarse sand:2 graded stone aggregate 20mm nominal size)**					
	Details for cost of 1 cum					
	Materials:					
	Cement concrete 1:1:2	cum	1.00	3893.77	(4.1.1-A)	3893.77 (A)
	Labour:					
	Mason	per day	0.17	305.00	(0155)	51.85 (B')
	Beldar	per day	2.00	254.00	(0114)	508.00 (B')
	Bhisti	per day	0.90	277.00	(0101)	249.30 (B')
	Mixer	Per day	0.07	800.00	(0002)	56.00 (B')
	Vibrator	Per day	0.07	350.00	(0012)	24.50 (B')
	Sundries	LS	14.30	1.80	(9999)	25.74 (B')
	Total					915.39 (B)
	Total (A)+((B)					4809.16
	Add for water charges @ 1 %					48.09
	Total					4857.25 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					682.44
	Total					5539.70 (Y)
	Add tor contractor's profit and over-heads @ 15% on "Y"					830.95
	Cost of 1 cum					6370.65
	Add labour cess @ 1%					63.71
	Rate including labour cess					6434.36
			Say	**₹6434.40**		**per cum**
5.1.2	**1:1:5:3(1 cement:1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)**					
	Details of cost for 1 cum					
	Materials:					
	Cement concrete 1:1:5:3	cum	1.00	2748.72	(4.1.2-A)	2748.72
	Labour:					
	(As 'B' in item no. 5.1.1)	cum	1.00	915.39	(5.1.1-B)	915.39
	Total					3664.11
	Add for water charges @ 1 %					36.64
	Total					3700.75 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					519.96
	Total					4220.71 (Y)
	Add tor contractor's profit and over-heads @ 15% on "Y"					633.11
	Cost of 1 cum					4853.81
	Add labour cess @ 1%					48.54
	Rate including labour cess					4902.35
			Say	**₹4902.30**		**per cum**
5.1.3	**1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)**					
	Details of cost for 1 cum-					
	Marterial:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Cement concrete 1:2:4 Labour:	cum	1.00	2332.42	(4.1.3-A)	2332.42	
	(As 'B' in item no. 5.1.1)	cum	1.00	915.39	(5.1.1-B)	915.39	
	Total					3247.81	
	Add for water charges @ 1%					32.48	
	Total					3280.29	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					460.88	
	Total					3741.17	(Y)
	Add tor contractor's profit and over-heads @ 15% on "Y"					561.18	
	Cost of 1 cum					4302.34	
	Add labour cess @ 1%					43.02	
	Rate including labour cess					4345.36	
			Say	**₹4345.40**		**per cum**	

5.2 Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, *etc.* upt floor five level excluding cost of centring, shuttering, finisnin and reinforcement.

5.2.1 1:1:2 (1 cement: 1 coarse sand: 2 graded stone aggregate 20 mm nominal size)

Details of cost for counterfort

Retaining wall 4.5 m high and 6 m long.

Base-1x6x1.5x0.2 =1.80 cum
Heel- 1x6x0.3x0.2 =0.36 cum
1x6x0.3x0.3 =0.45 cum
Stem-1x6x4.3xO.2(Avg) =5.16 cum
Triangular
counter forts-2x1/2x4.4x1.5x0.2=1.32 cum
9.18 cum

Materials:						
Cement conrete 1:1:2						
Labour:	cum	9.18	3893.77	(4.1.1-A)	35744.83	(A)
Beldar	per day	11.29	254.00	(0114)	2867.66	(B')
Coolie	per day	7.53	265.00	(0115)	1995.45	(B')
Bhishti	per day	8.26	277.00	(0101)	2288.02	(B')
Mason 1st class	per day	0.92	342.00	(0123)	314.64	(B')
Masson 2nd class	per day	0.92	305.00	(0124)	280.60	(B')
Mixer	Per day	0.64	800.00	(0002)	512.00	(B')
Vibrator	Per day	0.64	350.00	(0012)	224.00	(B')
Sundries	LS	131.82	1.80	(9999)	237.28	(B')
Scaffolding	LS	420.03	1.80	(9999)	756.05	(B')
Total					9475.70	(B)
Extra labour for lifting of material upto floor V level:						
(0.75x9.18x2.5)=17.21						
Coolie	per day	17.21	265.00	(0115)	4560.65	C
Total (A+B+C)					49781.18	
Add for water charges @ 1 %					497.81	
Total					50278.99	(X)
Add GST 12% on "X"(multiplying factor 0.1405)					7064.20	
Total					57343.19	(Y)
Add tor contractor's profit and over-heads @ 15% on "Y"					8601.48	
Cost of 9.18 cum					65944.67	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Cost of 1 cum					7183.52	
	Add labour cess @ 1%					71.84	
	Rate including labour cess					7255.35	
			Say	**₹7255.40**		**per cum**	
5.2.2	**1:1:5:3(1 cement:1.5 coarse sand.3 graded stone aggregate 20mm nominal size)**						
	Details of cost for 9.18 cum						
	Materials:						
	Cement concrete 1:1:5:3						
	Labour:	cum	9.180	2748.719	(4.1.2-A)	25233.24	(A)
	(As 'B' in item No. 5.2.1)						
		cum	1.000	9475.700	(5.2.1-B)	9475.70	(B)
						34708.94	
	Extra labour for lifting of material upto floor V level: (0.75x9.18x2.5)=17.21						
	Coolie	per day	17.21	265.00	(0115)	4560.65	
	Total					39269.59	
	Add for water charges @ 1 %					392.70	
	total					39662.29	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					5572.55	
	Total					45234.84	(Y)
	Add tor contractor's profit and over-heads @ 15% on "Y"					**6785.23**	
	Cost of 9 .18 cum					52020.06	
	Cost of 1 cum					5666.67	
	Add labour cess @ 1%					56.67	
	Rate including labour cess					5723.34	
			Say	**₹5723.30**	**per cum**		
5.2.3	**1:2:4(1 cement :2 coarse sand:4 graded stone aggregate 20 mm nominal size)**						
	Details for cost of 9.18 cum						
	Material: Cement concrete 1:2:4	cum	9.180	2332.421	(4.5.3-A)	21411.62	(A)
	Labour:						
	(As'B'in item.No. 5.2.1)	cum	1.000	9475.700	(5.2.1-B)	9475.70	(B)
						30887.32	
	Extra labour for lifting of material upto floor V level: (0.75x9.18x2.5)=17.21						
	Coolie	per day	17.21	265.00	(0115)	4560.65	
	Total					35447.97	
	Add for water charges @ 1 %					354.48	
	Total					35802.45	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					5030.24	
	Total					40832.69	(Y)
	Add tor contractor's profit and over-heads @ 15% on "Y"					6124.90	
	Cost of 9.18 cum					46957.60	
	Cost of 1 cum					5115.21	
	Add labour cess @ 1%					51.15	
	Rate including labour cess					5166.36	
			Say	**₹5166.40**	**per cum**		

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
5.3	**Reinforced cement conrete work in beams,suspended floors, roofs having slope upto 15^0, landings.balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level exdudingthe cost of centring, shuttering, finishing and reinforement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size).**					
	Details of cost for 1 cum					
	Materials:					
	Cement concrete 1:2:4	cum	1.000	2332.421	(4.1.3-A)	2332.421 (A)
	Labour:					
	Mason	per day	0.240	305.000	(0155)	73.200 (B)
	Beldar	per day	2.750	254.000	(0114)	698.500 (B)
	Bhishti	per day	0.900	277.000	(0101)	249.300 (B)
	Mixer	Per day	0.080	800.000	(0002)	64.000 (B)
	Vibrator	Per day	0.080	350.000	(0012)	28.000 (B)
	Sundries	LS	14.300	1.800	(9999)	25.740 (B)
	Extra labour for lifting material upto floor V level (2.5x0.75)=1.88					1138.740 (B)
	Coolie	per day	1.880	265.000	(0115)	498.200 C
	Total (A+B+C)					3969.361
	Add for water charges @ 1 %					39.694
	Toatal					4009.054
	Add GST 12% on "X"(multiplying factor 0.1405)					563.27
	Total					4572.33 (Y)
	Add tor contractor's profit and over-heads @ 15% on "Y"					685.85
	Cost of 1 cum					5258.175
	Add labour cess @ 1%					52.58
	Rate including labour cess					5258.18
			Say	**₹5258.20**	**per cum**	
5.4	**Providing and laying upto floor five level reinforced cement concrete in kerbs, steps and the like excluding the cost of centring,shuttering, finishing and reinforcement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20mm nominal size).**					
	Details of cost for 1 cum					
	Cement Concrete 1:2:4 (Rate as per item No, 4.4.1)	cum	1.000	4110.278	(4.4.1)	4110.278 (A)
	Labour:					
	Extra labour for laying CC in RCC work					
	Beldar	per day	0.100	254.000	(0114)	25.400 (B')
	Bhishti	per day	0.200	277.000	(0101)	55.400 (B')
	Mason 1st class	per day	0.040	342.000	(0123)	13.680 (B')
	Mason 2nd class	per day	0.040	305.000	(0124)	12.200 (B')

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Mate	per day	0.040	270.000	(0128)	10.800	(B')
	Extra labour for lifitng material upto floor V level (2.5x0.75)=1.88					117.480	
	Coolie	per day	1.880	265.000	(0115)	498.200	
	Total					615.680	(B)
	Add for water charges @1 % on B					6.157	(C)
	Total					621.837	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					87.37	
	Total					709.20	(Y)
	Add tor contractor's profit and over-heads @ 15% on "Y"					106.38	
	Total					815.586	(Z)
	Cost of 1 cum(A+Z)					4925.863	
	Add labour cess @ 1%					8.16	
	Rate including labour cess					4934.02	
			Say	**₹4934.00**	**per cum**		
5.5	**Reinforced cement concrete work in arhes, archribs, domes, vaults, shells, folded plate and roofs having slope more than 15^0 upto floor five level excluding the cost of centring. Shuttering. Finishing and reinforement with 1:2:4(1 cement:2 coarse sand :4 graded stone aggregate 20mm nominal size)**						
	Details of cost for semicircular arch 6 m clear span and 9 m long and 30 cm thick:						
	Details of cost for 26.73 cum						
	Materials:-						
	Cement Concrete 1:2:4=1x0.50x3.14x6.30x9.0x0.3=26.73 cum	cum	26.730	2332.421	(4.5.3-A)	62345.601	(A)
	Labour.-						
	Mason	per day	6.420	305.000	(0155)	1958.100	(B)
	Beldar	per day	73.510	254.000	(0114)	18671.540	(B)
	Bhishti	per day	24.060	277.000	(0101)	6664.620	(B)
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Per day	2.140	800.000	(0002)	1712.000	(B)
	Vibrator (Needle type 40 mm)	Per day	1.871	350.000	(0012)	654.885	(B)
	Sundries	LS	401.89	1.800	(9999)	723.402	(B)
	Extra for laying CC over curved suifaces						
	Mason 1st dass	per day	5.000	342.000	(0123)	1710.000	(B)
	Mason 2nd dass	per day	5.000	305.000	(0124)	1525.000	(B)
	Bhishti	per day	1.500	277.000	(0101)	415.500	(B)
	Coolie	per day	4.500	265.000	(0115)	1192.500	(B)
	Extra labour for lifting matena! upto floor V level (2.5x0.75x26.73)=50.119						
	Coolie	per day	50.119	265.000	(0115)	13281.47	(B)
	Total (B)					48509.016	
	Total (A+B)					110854.62	
	Add for water charges @ 1%					1108.546	
	Total					111963.163	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					15730.82	
	Total					127693.99	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add tor contractor's profit and over-heads @ 15% on "Y"					19154.10
	.Cost of 26.73 cum					146848.1
	Cost of 1 cum					5493.756
	Add labour cess @ 1%					54.94
	Rate including labour cess					5548.70
			Say	**₹5548.70**	**per cum**	
5.6	**Reinforced cement concrete work in cnimnys shafts, upto floor five level exduding the cost of centring, shuttering, finishing and reinforement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)**					
	Details of cost 1 cum					
	Materials:					
	R.C.C. 1:2:4 in chimneys & shafts					
	Rate as per item No.5.2.3	cum	1.000	5115.207	(5.2.3)	5115.207 (A)
	Labour:					
	Extra labour involved for lifting materials:					
	coolie	per day	0.260	265.000	(0115)	68.900 (B)
	Add for water charges @ 1% on B					0.69
	Total					69.59
	Add GST 12% on "X"(multiplying factor 0.1405)					9.78
	Total					79.37 (Y)
	Add for contractor's profit and overhead @ 15% on B					11.90
	Total					91.27
	Cost of 1 cum					5206.48
	Add labour cess @ 1%					52.06
	Rate including labour cess					5258.54
			Say Rs.	**₹5258.50**	**per cum**	
5.7	**Reinforced cement concrete work in well-steining excluding the cost of centring,shuttering, finishing and reinforcement with 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size)**					
	Details of cost for 1 cum					
	RCC 1:2:4 in well steining					
	Rate as per peritem No. 4.5.3	cum	1.00	4110.28	(4.1.3)	4110.28 (A)
	Labour:					
	Extra labour involved					
	Coolie	per day	0.08	265.00	(0115)	21.20 (B)
	Add for water charges @ 1 % on B					0.21
	Total					21.41 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					3.01
	Total					24.42 (Y)
	Add for contractor's profit and overhead @ 15% on B					3.66
	Total					28.08

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 cum					4138.36
	Add labour cess @ 1%					41.38
	Rate including labour cess					4179.74
			Say	**₹4179.70**	**per cum**	
5.8	**Reinforced cement concrete work in Vertical and Horizontal fins individually or forming box louvers, facias and eaves boards upto floor five level eciuding the cost of centring, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement:1.5coarse sand: 3graded stone aggregate 20mm nominal size)**					
	Details of cost for 4 RCC Vertical fins 4m high and 1m centre with 2 horizontal fins, all projecting 60 cm from face of wall and 5 cm thick=0.66 cm					
	Materials:					
	Cement Concrete 1:1.5:3					
	4x4x0.60x0.05=0.48 cum					
	2x3x0.06x0.05=0.18 cum					
	Total=0.66 cum	cum	0.66	2748.72	(4.5.3-A)	1814.15
	Labour:					
	Beldar	per day	0.79	254.00	(0114)	200.66
	Coolie	per day	0.56	265.00	(0115)	148.40
	Bhishti	per day.	0.60	277.00	(0101)	166.20
	Mason 1st class	per day	0.06	342.00	(0123)	20.52
	Mason 2nd class	per day	0.06	305.00	(0124)	18.30
	Scaffolding	LS	30.16	1.80	(9999)	54.29
	Sundires	LS	9.49	1.80	(9999)	17.08
	Mixer	Per day	0.05	800.00	(0002)	40.00
	Vibrator	Per day	0.05	350.00	(0012)	17.50
	Extra for lifting materials upto floor five level					
	Coolie	per day	0.18	265.00	(0115)	47.70
	Extra for restricted workin in fins					
	Mason 1st class	per day	0.05	342.00	(0123)	17.10
	Mason 2nd class	per day	0.05	305.00	(0124)	15.25
	Beldar	per day	0.10	254.00	(0114)	25.40
	Bhishti	per day	0.15	277.00	(0101)	41.55
	Total					2644.10
	Add for water charges @ 1%					26.44
	Total					2670.55 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					375.21
	Total					3045.76 (Y)
	Add .for contractor's profit and over-heads @ 15% on Y					456.86
	Cost of 0.66 cum					3502.62
	Cost of 1 cum					5307.00
	Add labour cess @ 1%					53.07
	Rate including labour cess					5360.07
			Say	**₹5360.10**	**per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	FORM WORK					
5.9	**Centring and shuttering including strutting,propping etc. and removal of form for.**					
5.9.1	**Foundations, footings, bases of columns etc. for mass concrete.**					
	Details of cost for footing size 2.7mx2.7m 1.00 m					
	Contact area = 10.8 sqm					
	Material:					
	Wall form panel 1250x500 mm	each	16.00	837.65	(7319)	13402.42 (A)
	Corner angle (1.5 m long)	each	4.00	232.68	(7326)	930.72 (A)
	100 mm channel shoulders 2.5 m long	each	8.00	884.19	(7327)	7073.50 (A)
	Double clip (bridge clop)	each	16.00	74.46	(7328)	1191.33 (A)
	Single clip	ea'eh	8.00	57.70	(7329)	461.64 (A)
	MS tube 40 mm					
	4x2.7 m =10.8 m	metre	10.80	209.41	(7330)	2261.66 (A)
	Assembly nuts&bolts	LS	1040.00	1.80	(9999)	1872.00 (A)
	Carriage	LS	78.00	1.80	(9999)	140.40
	Assuming shuttering material will become unserviceable after use of 40 times					27333.66
	Adding for maintenance @ 10% of cost					
	Taking salvage value after full use of material @ 25% of cost					
	Cost for using once					580.84
	Carriage	LS	78.00	1.80	(9999)	140.40
	Labour:					
	Fitter Grade-1	per day	0.75	348.00	(0116)	261.00
	Beldar	per day	1.50	254.00	(0114)	381.00
	Shuttering oil	LS	52.00	1.80	(9999)	93.60
	Sundries	LS	26.00	1.80	(9999)	46.80
	Total					1503.64
	Add for water charges @ 1 %					15.04
	Total					1518.68 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					213.37
	Total					1732.05 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					259.81
	Cost of 10.8 sqm					1991.86
	Cost of 1 sqm					184.43
	Add labour cess @ 1%					1.84
	Rate including labour cess					186.27
			Say	**₹186.30**	**per sqm**	
5.9.2	**Walls (any thickness) including attached pilasters. Butteresses. plinth and string courses etc.**					
	Materials:					
	Details for 7.9 m long and 1.00.m high wall					
	Area of contact 2x7.7x1.0=15.8 sqm					
	Wall form Panel (1.25x0.5)2x3x2x2=24 Nos	each	24.00	837.65	(7319)	20103.63
	100 mm channel shoulder 2.5m long. 4x2=8	each	8.00	884.19	(7327)	7073.50

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Bridge clip 2x6x2=24	each	24.00	74.46	(7328)	1786.99	
	Single clip 2x3x2=12	each	12.00	57.70	(7329)	692.46	
	M.S. Tube 40 mm 2x2x8 m =32 m	metre	32.00	209.41	(7330)	6701.21	
	Nut & bolts	LS	1300.00	1.80	(9999)	2340.00	
						38697.78	
	Add maintenance charges @ 10% salvage value of material after full use @ 25% on "A" Assuming shuttering will become unserviceable after use of 40 times	.					
	Cost for using once					822.33	
	Carriage	LS	78.00	1.80	(9999)	140.40	
	Labour:	per day	3.50	348.00	(0116)	1218.00	
	Fitter Grade-1	per day	6.00	254.00	(0114)	1524.00	
	Beldar	LS	30.00	1.80	(9999)	54.00	
	shuttering on Sundries	LS	20.00	1.80	(9999)	36.00	
	Total					3794.73	
	Add for water charges @ 1%					37.95	
	Total					3832.68	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					538.49	
	Total					4371.17	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					655.67	
	Cost of 15.8 sqm					5026.84	
	Cost of 1 sqm					318.15	
	Add labour cess @ 1%					3.18	
	Rate including labour cess					321.33	
			Say	**₹321.30**	**per sqm**		

5.9.3 **Suspended floors, roofs, landings, balconies and access platform.**

Details of cost for a room
4.50x3=13.50 sqm height 3.5 m
Materials:
1. Plates (Size 0.75x0.60)
Angle 40x40x5 mm
2x0.75=1.50 m
2x0 60=1.20 m
= 2.70 m
2.70 m @ 3.00 kg/m = 8.1 kg
sheet 1.6 mm thick
0.75x0.60=0.45 sqm
0.45 sqm @ 12.55 kg/sqm=5.65 kg
Weight of one plate =13.75 kg
Add for wastage @5% =0.69 kg
Tota weight of all plates =14.44 kg

5x6x14.44 =433.2 kg	quintel	4.33	3420.41	.(1008)	14810.37	(X)
2. Adjustable span ESO+SI(2.35-3.40m)	each	5.00	1442.62	(7342)	7213.11	(X)
3. Adjustable telescopi prop 3 m (2.02-3.75m)	each	6.00	930.72	(7343)	5584.34	(X)
4. Assembly nut& bolts etc.	LS	1040.00	1.80	(9999)	1872.00	(X)
Add for maintenance @ 10%					29479.82	

Less salvage value of material after full use @ 25% on X
Assume that shuttering will become unserviceable

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	after use of 40 times					
	Cosl for using once					626.45
	Carriage	LS	130.00	1.80	(9999)	234.00
	Labour:					
	Fitter Grade-1	per day	3.00	348.00	(0116)	1044.00
	Beldar	per day	6.00	254.00	(0114)	1524.00
	Shuttering oil	LS	78.00	1.80	(9999)	140.40
	Sundries, paper tapy etc.	LS	49.70	1.80	(9999)	89.46
	Total					3658.31
	Add for water charge @ 1 % except on x					36.58
	Total					3694.89 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					519.13
	Total					4214.03 (Y)
	Add contractor's profit and overheads charges @15% "Y"					632.10
	Total					4846.13
	Cost of 13.5 sqm					4846.13
	Cost of 1 sqm					358.97
	Add labour cess @ 1%					3.59
	Rate including labour cess					362.56
			Say	**₹362.60**	**per sqm**	
5.9.4	**Shelves (Cast in situ)**					
	Details of cost for 1 sqm					
	Rate same as for item No. 5.14.3	sqm	1.00	358.97	(5.14.3)	358.97
	Cost of 1 sqm					359.00
	Add labour cess @ 1%					3.59
	Rate including labour cess					362.59
			Say	**₹362.60**	**per sqm**	
5.9.5	**Lintels, beams, plinth bams, griders. bressumers and cantilevers.**					
	Consider a beam of 6 m clear span. 0.50 m deep					
	0.30 m wide and height 3.5 m from floor.					
	Cubical contents					
	6.60x0.5x0.3=0.99 cum					
	Area in contact with conreate					
	1x1.30x6.00=7.80 sqm					
	Materials:					
	(i) Steel plates for sides and bottom (plate size=1.20x0.50m)					
	Angle 40x40x5mm					
	2x1.20m =2.40 m					
	3x0.50 =1.50m					
	=3.90 m					
	3.90m @ 3.0kg/m=11.70kg					
	Sheet 1.6mm thick					
	1.20mx0.bum=0.60 sqm.					
	0.60 sqm @ 12.55 kg/sqm =7.35 kg					
	Weight of one plate =19.23 kg					
	Add for wastage @ 5% =0.96 kg					
	'=20.19 kg					
	Total weight of all plates					
	3x5x20.19=302.85 kg or 3.03 q	kg	302.85	67.56	.(10.1)	20461.27 (A)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	(ii) Props 3m (adjustable telescopic 2.02-3.75m)	each	6.00	930.72	(7343)	5584.34	(A)
	(iii) Beam clamp 300 - 380 mm(450-1070mm)	each set	5.00	344.37	(7344)	1721.84	(A)
	(iv) Assembly nut & bolts etc.	LS	1040.00	1.80	(9999)	1872.00	(A)
	Add for maintenance @ 10%					29639.45	
	Less salvage value of material after full use @ 25% on'A'						
	Adduming that shuttering will become unserviceable after use of 40 times						
	cost for using once					629.84	
	Carriage	LS	78	1.80	(9999)	140.40	
	Labour:						
	Fiter Grade-1	per day	1.25	348.00	(0116)	435.00	
	Beldar	per day	2.50	254.00	(0114)	635.00	
	Shuttering oil	LS	39.00	1.80	(9999)	70.20	
	Sundries paper tape etc.	LS	24.61	1.80	(9999)	44.30	
	Total					1954.74	
	Add for water charges @ 1 %					19.55	
	Total					1974.28	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					277.39	
	Total					2251.67	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					337.75	
	Cost of 7.8 sqm					2589.42	
	Cost of 1 sqm					331.98	
	Add labour cess @ 1%					3.32	
	Rate including labour cess					335.30	
			Say	**₹335.30**	**per sqm**		
5.9.6	**Columns.Pillars, Piers, Abutments, Posts and Struts**						
	Details of cost for						
	Size of column 450x450mm and 2.5 m high						
	Area of contact = 4X0.45X2.5 = 4.5 sqm						
	Materials:						
	Wall form pannel (1250X450)	Each	8	837.65	(7331)	6701.21	A
	Comer angle 2.5m long	Each	4	246.64	(7332)	986.57	A
	Coloumn clmp (450-1070mm)	Each	5	940.03	(7333)	4700.15	A
	Prop. 2m(2.0-3.5m)	Each	4	618.93	(7334)	2475.72	A
	Assembly nut & bolt	LS	1300	1.80	(9999)	2340.00	A
	Total A				Total A	17203.65	
	Add for maintenance charges @ 10%						
	Less salvage, value of material after full use @ 25% on 'A'						
	Assume shuttering will become unserviceable after use of 40 times						
	Cost for using once					365.58	
	Carriage	LS	52	1.80	(9999)	93.60	
	Labour:						
	Filter Grade-1	Per day	1	348.00	(0116)	348.00	
	Beldar	Per day	2	254.00	(0114)	508.00	
	Shuttering oil	LS	39	1.80	(9999)	70.20	
	Sundirs	LS	26	1.80	(9999)	46.80	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
				Total		1432.18
	Add for water charges @ 1%					14.32
	Total					1446.50 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					203.23
	Total					1649.73 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					247.46
	cost of 4.5 sqm					1897.19
	cost of 1sqm					421.60
	Add labour cess @ 1%					4.22
	Rate including labour cess					425.82
			Say	**₹425.80**	**per sqm**	
5.9.7	**Stairs (excluding landings) except spiral staircaces**					
	Details of cost for 5.70 sqm					
	Details of staircase, 3.40m clear span including 1 m landing					
	Materials:					
	(i) Cost of plank 38m (2nd class Kail wood)					
	Waist 2.68 X 1.30 = 3.50 sqm					
	side shuttering of steps and side of waist					
	step = 8X1.30X0.15 = 1.56 sqm					
	Face of landing					
	1X1.30X0.15=0.20sqm					
	Side of waist					
	2.69X0.13=0.35sqm					
	side of steps					
	8X0.50X0.30X0.15=0.18sqm					
	Total=5.789sqm					
	wastage 5% =0.29sqm					
	Total=6.08sqm					
	cubical content-6.80x0.038=0.231 cum = 231 cudm	10 cudm	23.1	241.99	(1198)	5589.92
	(ii) Batten 100mmx 75mm (2nd class kail wood in					
	scanting)	10 cudm	3.9	241.99	(1197)	943.75
	4x1.30x0.100x0.075=0.039cum=39dm3					
	(iii) Safeda Ballies 125mm dia	metre	6.4	32.57	(0302)	208.45
	2x4x0.80=6.40m					
	Carriage of timber-					
	planks = 0.231 cum					
	Battens =0.039 cum					
	Ballies $6.4x\Pi(/4x(0.132)^2=\underline{0.079CUM}$					
	'= 0.349 cum	cum	0.349	123.51	(2204)	43.11
	Assuming that the timber shall become unserviceable					
	after being used 8 times					6785.23
	Cost of using one					848.15
	Labour					
	For assembling, erection, dismentaling and cleaning					
	Carpenter	per day	1.75	305.00	(0112)	533.75
	Beldar	per day	1.00	254.00	(0114)	254.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Sundries	LS	16.12	1.80	(9999)	29.02
						1664.92
	Add for water charges @ 1 %					16.65
	Total					1681.57 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					236.26
	Total					1917.83 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					287.67
	Cost of 5.79 sqm					2205.50
	Cost of 1 sqm					380.92
	Add labour cess @ 1%					3.81
	Rate including labour cess					384.73
			Say	**₹384.70**	**per sqm**	
5.9.8	**Spiral staircases (including landing)**					
	Details cost for 6.28 sqm (For 10 steps)					
	Treads					
	10x0.70x0.20 (av)=1.40 sqm	sqm	1.40	331.98	(5.9.5)	464.77
	Riser					
	2x10x0.70x0.23=3.22 sqm (Rate as per item No.					
	5.9.2)	sqm	3.22	318.15	(5.9.2)	1024.46
	Newal post (Column) 10xnx0.232=1.66 sqm	sqm	1.66	380.92	(5.9.7)	632.33
	(Rate as per item NO. 5.9.7)					
	Cost of 6.2 sqm					2121.56
	Cost of 1 sqm					342.19
	Add labour cess @ 1%					3.42
	Rate including labour cess					345.61
			Say	**₹345.60**	**per sqm**	
5.9.9	**Arches,domes,vaults upto 6m span**					
	Details of cost for a semicircular arch 3.6 m dear					
	span and 3.6 m long					
	Area of centring=22x1.8x3.6-20.37 sqm					
	Materials:					
	Frame work in 2nd dass kail wood					
	Tie-1x3.6xO. 15x0.20=0.108 cum					
	Struts-3x1.8x0.10x0.10=0.054 cum					
	Struts-2x2.55x0.10x0.10=0.051 cum					
	Ribs 4x1.38x075x0.075=0.031 cum					
	Total =0.244 cum					
	Quantity for 7 such frames 7x0.244 = 1.708 cum					
	Strips 5 cm x2.5 cm=7.5 cm					
	centre to centre					
	5.66/0.07x0.05x0.025x3.6=0.342 cum					
	Total =2.050 cum	10 cudm	2050.00	241.99	(1197)	49607.56 (X)
	Safeda Balli supports 12.5 cm dia					
	7x4x3.6=100.8m	metre	100.80	32.57	(0302)	3283.06 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	G.I. plain sheet 20.37 sqm m 116 kg or 1.16q. Quantity taken for cost using once =1.16/8=0.145q					
	quintal	quintal	0.145	5212.05	(0992)	755.75 (X)
	Carriage-					
	Kail wood=2.05 cum					
	Ballies=					
	$100.8x(125)^2/4xn$=1.25 cum/3.29 cum	cum	3.29	123.51	(2204)	406.36
	G.I. Sheet=0.116t	tonne	0.12	96.07	(2302)	11.53
	Assuming this centring will become unserviceable .- after being used 8 times					54064.25
	Cost of using once					6758.03
	Labour					
	Carpenter II class	per day	16.00	305.00	(0112)	4880.00
	Beldar	per day	13.00	254.00	(0114)	3302.00
	Sundries	LS	11.700	1.800	(9999)	21.06
	Total					14961.09
	Add for water charges @ 1 %					149.61
	Total					15110.70 (M)
	Add GST 12% on "M"(multiplying factor 0.1405)					2123.05
	Total					17233.76 (N)
	Add for contractor's profit and over-heads @ 15% on N					2585.06
	Cost of 20.37 sqm					19818.819
	Cost of 1 sqm					972.942
	Add labour cess @ 1%					9.73
	Rate including labour cess					982.67
			Say	**₹ 982.70 per sqm**		

5.9.10 **Extra for arches,domes, vaults exceeding 6 m span**

Details of cost per sqm.

Centring and shuttering for arches and carved surface exceeding 5 m in span (an average of 8 m)

Radius R=5m 2R-2=4+4

$\tan^{-1}(4/3)=53.28°$

2x53.28°=106°

Surface area=2x22/7x3.6x106/360=33.31 sqm

Arc=9.25 m

Materials:

Tie-2x8x0.18x0.05=0.144 cum

Struts-2x2.5x0.1x0.1=0.050 cum

Struts-2x1.77x0.1x0.1 =0.035 cum

Ribs-6x1.54x0.23x0.1=0.213 cum

Struts -2x1.72x0.1x0.1=0.034 cum

Total =0.476 cum

For four such frames=0.476x4=1.904 cum

laggings-75x3.6x0.12x0.075=2.531 cum

Tie-2x3.6x0.225x0.038=0.062 cum

Brace-3x2x2.14x0.225x0.038=0.1 10

Brace-3x4x3.8x0.225x0.038=0.390

Steepers-4x3.6x0.20x0.15=0.432

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Sleepers-2x4x3.6x0.175x0.075=0.378						
	Vertical post-4x4x3.6x0.15x0.15=1 296						
	Total =7.103 cum or 7103 cudm	10 cudm	7103.00	173.488	(1197)	123228.53	
	Carrage of wood	cum	7.103	123.514	(2204)	877.32	
	Fittings:						
	3 way straps 50 mm x10mm =32 Nos.						
	32 no. @ 0.50 cu each--16 m						
	Straps-50mmx10mm=8 Nos. @0.25 cm each=2m / 18m						
	18m. wt @ 3.9 kg/m=70.2kg=0.702 q	quintal	0.702	3722.894	(1225)	2613.47	
	Boltls 160 Nos. 254 mm long 16 mm dia.						
	160x.254x1.58=64.21 kg=0.64 q.	quintal	0.640	4746.689	(1034)	3037.88	
	Carriage of steel=0.1342 t	tonne	0.134	96.070	(2302)	12.89	
	Total					129770.09	
	1/8th of the cost of using once					16221.262	
	Labour:						
	Carpenter 2nd class	per day	28.000	305.000	(0112)	8540.00	
	Beldar	per day	24.000	254.000	(0114)	6096.00	
	Sundries	LS	134.550	1.800	(9999)	242.19	
	Total					31099.45	
	Add for water charges @ 1 %					310.99	
	Total					31410.45	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					4413.17	
	Total					35823.61	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					**4711.57**	
	Cost of 33.31 sqm					40535.18	
	Cost of 1 sqm					1216.91	
	Cost of shuttering etc. for an arch exceedidng 6m						
	span i.e. for an average of 8m span					1216.91	(Y)
	Cost of shuttering etc. for an arch of 3.6 m span an average for arches upto 6m span)same as per item No. 5.9.9)	sqm	1.00	972.94	(5.9.9)	972.94	(Z)
	Defference of cost (Y-Z)					243.97	(A)
	Add labour cess @ 1%					2.44	
	Rate including labour cess					246.41	
	Extra cost per sqm of soffit area=Rs. Per sqm.		**Say**	**₹ 246.40**	**per sqm**		
5.9.11	**Chimneys and shafts**						
	Rate same as per item No. 4.3.2			**₹ 519.80**	**per sqm**		
5.9.12	**Well steining**						
	Details of cost for 26.39 sqm						
	Surface area						
	Outside area=∏x4.40x1.00=13.82 sqm						
	inside aea=∏x4.00x1.00 =12.57 sqm						
	=26.39 sqm						
	Planks 38 mm (second class kail wood)						
	26.39x0.038 =1.00 cum						
	Wastage 20% =0.20 cum	10 cudm	120.00	241.99	(1198)	29038.57	P
	=1.20 cum or 1200 cudm						
	2nd class kail wood battens						
	Inside=2x25xP 50x0.075x0.038=0.0712 cum						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Outside=2x280.50x0.075x0.038=0.0798-cum =0.1510 cum Wastage 5%=0.0076 am / 0.1586 cum or 158.6 cudm	10 cudm	15.85	173.488	(1197)	2749.78	Q
	Safeda bailies 125 mm dia Inside:25x1.00 =25.00m Outside:28x1.00 =28.00m =53.00m	metre	53.00	32.57	(0302)	1726.21	R
	Assuming that the timber will become unserviceable after being used 8 times					33514.57	**(X)**
	cost of using once					4189.32	
	Add for carriage.labour for erection and Dismantling etc.@ 1/6th of the cost of material					698.22	
	Add for water charges @ 1%					48.88	
	Total					4936.416	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					693.57	
	Total					5629.98	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					844.50	
	Cost of 26.39 sqm					6474.48	
	Cost of 1 sqm					245.34	
	Add labour cess @ 1%					2.45	
	Rate including labour cess					**247.79**	
			Say	**₹247.80 per sqm**			
5.9.13	**Vertical and horizontal fins individually or forming box louvers band, facias and eaves boards Details of cost for fins 4 vertical fins 4 metre high and at 1 metre centres, with two horizontal fins all ' projecting 60 cm from face of wall and 5 cm thick-i.e. 4x4x1.25+2x3x65=23.90 sqm**						
	Materials: (i) Planks 2nd dass kail wood and 38 mm thich- 4x4x1.25=20.00 23x0.65 =3.90/23.90 Wastage® 5% = 1.20 ' =25.10 sqm						
	25.10x0.038=954 cum or 954 cudm	10 cudm	95.40	241.99	(1198)	23085.66	
	(ii) Battens (2nd class kail wood)- 4x2x5x0.60x0.075x0.050 =0.090 3x2x5x1.00x0.075x0.050 =0.112 2x6x0.60x0.075x0.100 =0.054 =0.256 Wastage® 5% =0.013 =0.269						
	or 269 cudm	10 cudm	26.90	173.49	(1197)	4666.83	
	(iii) Safeda Bailies 125 mm dia-2x2x6x4.00=96 m Wastage @5% =4.8m =100.8 m	metre	100.80	32.57	(0302)	3283.06	
	(iv) Carriage timbar- Planks =0.954						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Battens =0.269					
	Ballies 100.3x(.125)^2/4Π= 1.238cum =1.238/2.461 cum	cum	2.46	123.51	(2204)	303.97
	Assuming thai tiomber shall bacome unserviceable after being used 8 times					31339.52 **(X)**
	Cost of using once					3917.44
	Labour:					
	For assembling,erection, dismantling and cleaning					
	Carpenter 2nd class	per day	11.00	305.00	(0112)	3355.00
	Beldar	per day	11.00	254.00	(0114)	2794.00
	Sundries	LS	80.73	1.80	(9999)	145.31
	Total					10211.75
	Add for water charges @ 1%					102.12
	Total					10313.87 (Z)
	Add GST 12% on "Z"(multiplying factor 0.1405)					1449.10
	Total					11762.97 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					1764.45
	Cost of 25.1 sqm					13527.42
	Cost of 1 sqm					538.94
	Add labour cess @ 1%					5.39
	Rate including labour cess					**544.33**
			Say	**₹544.30 per sqm**		

5.9.14 Extra for shuttering in circular work (20% of respective centring and shuttering items)

	Details of cost for 1 sqm					
	Extra for shuttering in circular work 20% of respective centring and shuttering x 20 = 1 x 20					20.00
						20.00
	Cost of 1 sqm					20.00
	Add labour cess @ 1%					0.20
	Rate including labour cess					20.20
			Say	**₹20.20 per sqm**		

5.9.15 Small lintels not exceeding 1.5 m clear span, mouldings as in cornoces, window sills, string, courses, bands, copings, bed plates, anchor blocks and the like.

	Analysis of rates is same as item No, 4.9.1					
	Foundations.footings, bases Columns					
	Details of cost for footing size 2.7 m x 2.7 m x 1.00m Contact area=10.8 sqm					
	Material:					
	Wall form panel 1250 x 500 mm	each	16.00	837.65	(7319)	13402.42 (A)
	Corner angle (1.5 m long)	each	4.00	232.68	(7326)	930.72 (A)
	100 mm channel shoulders 2.5 m long	each	8.00	884.19	(7327)	7073.50 (A)
	Double clip (bridge clip)	each	16.00	74.46	(7328)	1191.33 (A)
	Single clip	each	8.00	57.70	(7329)	461.64 (A)
						23059.60
	M/S tube 40 mm 4x2.7 m= 10.8 m	metre	10.80	209.413	(7330)	2261.66 (A)
	Assembly nuts & bolts	LS	1040.00	1.800	(9999)	1872.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for maintenance @ 10% on all Less salvage value after full use of materials @ 25% on 'A'					27193.261
	Assuming,shuttering of material will become Unserviceable after use of 40 times					
	Cost for using once					679.832
	Carriage	LS	78.000	1.800	(9999)	140.40
	Labour.					
	Fitter Grade-1	per day	0.750	348.000	(0116)	261.00
	Beldar	per day	1.500	254.000	(0114)	381.00
	Shuttering oil	LS	52.000	1.800	(9999)	93.60
	sundries	LS	26.000	1.800	(9999)	46.80
	Total					1602.632
	Add for water charges @ 1 %					16.026
	Total					1618.658 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					227.42
	Total					1846.08 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					276.91
	Cost of 10.8 sqm					2122.991
	Cost of 1 sqm					**196.573**
	Add labour cess @ 1%					1.97
	Rate including labour cess					198.54
			Say	**₹198.50 per sqm**		
5.9.16	**Edges of slabs and breaks in floors and walls-**					
5.9.16.1	**Under 20 cms wide**					
	Considers 3mx3mx slab 15cms thick 12m edge Length					
	Materials:					
	(i) Planks 30 mm thick (2nd class kail wood or equivalent local soft wood)					
	4x3x0.15x0.030 =0.045 cum					
	Wastage @ 5% =0.003 cum	10 cudm	5.700	241.988	.(1198)	1379.33 (X)
	=0.057 cum					
	(ii) Battens 75 mm x 100mm (2nd class kail wood)					
	Horizontal 2x4x0.075x0.1x0.5=0.030					
	Horizontal 2x4x0.075x0.1x1.5=0.090					
	(iii) Vertical battens					
	16x0.15x0.075x0.030m. 1=0.0054					
	(iv) Struts					
	16x0.25x0.075x0.075 =0.0225					
	=0.1479					
	Wastage @ 5% =0.0074					
	=0.01553 cum					
	0.155 cum	10 cudm	15.500	173.488	(1197)	2689.06
	Carriage of timber					
	Pnanks=0.057 cum					
	Battens=0.155 cum					
	0.212 cum	cum	0.212	121.880	(2204)	25.84
	Assuming that the timber will become					4094.235

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	unseviceable after being used 8 times						(X)
	Cost of using once					511.779	
	Labour:						
	For assembling erection dismantling & cheaning						
	Carpenter lind class	per day	0.810	305.000	(0112)	247.05	
	Mazdoor (Male)	per day	0.54	254.000	(0114)	137.16	
	Sundries	LS	5.20	1.80	(9999)	9.36	
	Total					905.35	
	Add for water charges @ 1%					9.05	
	Total					914.40	(Z)
	Add GST 12% on "Z"(multiplying factor 0.1405)					128.47	
	Total					1042.88	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					156.43	
	Cost of 12 m					1199.31	
	Cost of 1 m					99.94	
	Add labour cess @ 1%					1.00	
	Rate including labour cess					100.94	
			Say	**₹100.90**	**per m**		
5.9.16.2	**Above 20cm wide Consider a 4mx4xslab 25cms thick 16 metre edge length**						
	Materials:						
	(i) Planks 38mm thick						
	4x4x0.25x0.038 =0.152						
	Wastage @5% =0.008						
	=0.160 cum	10 cudm	16	241.988	(1198)	3871.81	
	(ii) Battens						
	6x2x0.6x0.075x0.100 =0.054						
	5x2x1.5x0.075x0.100 =0.113						
	=0.167						
	Wastage @ 5% =0.008						
	=0.175 cam	10 cudm	17.5	173.488	(1197)	3036.04	
	Carriage of timber						
	Planks =0.16 cum						
	Battens=0.175 cum						
	0.335 cum	cum	0.335	121.880	(2204)	40.83	
	Assuming that the timber will become unserviceable after being used 8 times.					6948.68	
	Cost of using once					868.58	
	Labour:						
	For assembling erection.dismenting and cleaning						
	Carpenter II class	per day	1	305.000	(0112)	305.00	
	Mazdoor (Male)	per day	0.75	254.000	(0114)	190.50	
	Sundries	LS	6.5	1.800	(9999)	11.70	
	Total					1375.78	
	Add for water charges @ 1 %					13.76	
	Total					1389.54	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					195.23	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Total					1584.77	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					237.72	
	Cost of 4 sqm					1822.49	
	Cost of 1 sqm					455.62	
	Add labour cess @ 1%					4.56	
	Rate including labour cess					460.18	
			Say	**₹460.20 per sqm**			
5.9.17	**Cornices and mouldings**						
	Details of cost for 10m long moulding 10cm						
	projection,20cm depth and 40 cm girth						
	Area in contact10 x0.4=4.0 sqm						
	Materials:						
	(i) Planking 30mm thick =4 sqm.						
	Extra & Wastage 20% =0.8 sqm						
	=4.8sqm						
	4.8x0.038=0.182 cum	10 cudm	18.2	241.99	(1198)	4404.18	
	(ii) Battens-Joining to Planking						
	1x10x0.1x0.075=0.075 cum						
	From boittom shuttering					4404.18	
	10x1.5x0.1x0.075=0.113 cum						
	Wales						
	10x0.4mx0.1x0.075=0.030 cum						
	=0.218 cum	10 cudm	21.80	173.49	(1197)	3782.04	
	(iii) Bailies 125 mm dia.						
	Slant 10x0.3 =3m						
	ver. 6x3.5 =21.0m						
	=24.0m						
	Wastage @5% =1.0m						
	=25.2m		25.20	32.58	.(2447)	820.90	
	Carriage:						
	Planking =0.188 cum						
	Battens&Wales=0.218 cum						
	Bailies						
	25.2x22/7x(0.125)/4=0.310 cum						
	= 0.710 cum	Cum	0.71	123.51	(2204)	87.70	
	Assuming that the timber will become					9094.81	
	unserviceable after beinq used 8 times.						(X)
	Cost of using once					1136.85	
	Labour for assembling.erection.dismanting & cleaning						
	Carpenter II class	per day	0.63	305.000	(0112)	192.15	
	Mazdoor(Male)	per day	0.63	254.000	(0114)	160.02	
	Sundries	LS	6.5	1.800	(9999)	11.70	
	Total					1500.72	
	Add for water charges @ 1 %					15.01	
	Total					1515.73	(Z)
	Add GST 12% on "Z"(multiplying factor 0.1405)					212.96	
	Total					1728.69	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					259.30	
	Cost of 4 sqm					1987.99	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 sqm					497.00
	Add labour cess @ 1%					4.97
	Rate including labour cess					501.97
			Say	**₹502.00 per sqm**		
5.9.18	**Small surfaces such as cantilever ends,brackets and ends of steps, caps and bases to pilasters and columns and the like**					
	Details of cost for a bracket 1.20 m projected Front area 0.50x0.60m End area 0.50x0.75 m Area in contact with concrete 2x{(0.6+0.75)/2x1.2} =1.62 sqm Front 0.5x0.6 =0.30 sqm Bottom 0.5x1.21 =0.605 sqm =2.525 sqm Materials: Timber lind class kail wood or equivalent local soft wood (i) Plank 30 mm thick Sides2{(0.6+075)/2x1.238}=1.6713 Batten 0.576x1.21 =0.697 Front 0.5x0.638 =0.319 =2.687 sqm Cubical contents 2.687x0.038 =0.102 cum Wastage @5% =0.005 cum =0.107 cum	10 cudm	10.70	241.99	(1198)	2589.27
	(ii) Battens-0.05x0.05 2x1.238 =2.476m 2x1.21 =2.42 m 2x0.688 =1.376 m 2x0.838 =1.676 m 3x0.5 =1.50 m '=9.448m Cubical contents 9.448x0.05x0.05 =0.024 cum Wastage 5% =0.0012 cum =0.0252 cum Say 25.2 cudm	10 cudm	2.52	173.49	(1197)	437.19
	(iii) Ballies 125m dia 1x2.5 =2.50 m 1x2.65 =2.65 m =5.15 m Wastage 5% =0.26 m =5.41 m	metre	5.41	32.58	(2447)	176.23
	Carriage: Planks =0.107 cum Battens =0.0252 cum Ballies 5.41x22/7x(0.125)/4=0.066 cum =0.198 cum	cum	0.198	123.51	(2204)	24.46

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Assuming that the timber will become userviceable after being used 8 times.					
						3,227.15 (X)
	Cost of using once					403.39
	Labour for assembling,erection, dismantling & cleaning					
	Carpenter II class	per day	0.80	305.00	(0112)	244.00
	Mazdoor (Male)	per day	0.80	254.00	(0114)	203.20
	Sundries	LS	7.15	1.800	(9999)	12.87
	Total					863.46
	Add for water charges @ 1 %					8.63
	Total					872.10 (M)
	Add GST 12% on "M"(multiplying factor 0.1405)					122.53
	Total					994.63 (N)
	Add for contractor's profit and over-heads @ 15% on"N"					149.19
	Cost of 2.525 sqm					1143.82
	Cost of 1 sqm					453.00
	Add labour cess @ 1%					4.53
	Rate including labour cess					457.53
			Say	**₹457.50 per sqm**		
5.9.19	**Weather shade,Chajjas. corbels etc. including edges**					
	Consider a weather shade over a window of size 1.5m x 1.2m					
	Size of weather shade 1.80x0.45m					
	Thickness at front =0.05 m.					
	Thickness at fixed edge=0.07 m					
	Area in contact with conrete Bottom					
	1x0.45x1.80 =0.810					
	01x8.05x1.80 =0.094					
	2x0.45x0.06 =0.027					
	=0.954 sqm					
	Materials:					
	IInd class kail wood					
	(i) Planking 38 mm thick					
	Bottom 1x1.876x0.488 =0.915 sqm					
	1x1.876x0.05 =0.94 sqm					
	2x0.45x0.06 =0.027 sqm.					
	= 1.036 sqm					
	Add 5% wastage =0.052 sqm					
	= 1.088 sqm					
	Cubical contents					
	1.088x0.038=0.041 cum	10 cudm	4.10	241.99	(1198)	992.15
	(ii) Battens					
	2x0.60x0.075x0.10=0.009					
	ends with bearing centre					
	1x0.45x0.075x0.10=0.003					
	Total =0.012 cum	10 cudm	1.20	173.49	(1197)	208.19
	(iii) Bailies 125 mm dia					
	2x2.1 =4.2 m					
	Wastage 5% =0.21 m					
	=4.41 m	metre	4.41	32.58	(2447)	143.66

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Carriage:						
	Plank =0.041 cum						
	Battens =0.012 cum						
	Bailies						
	4.41 x22/7x(0.125)/4=0.054 cum						
	0.107 cum	cum	0.107	123.51	(2204)	13.22	
	Assuming that the timber will become unserviceable after being used 8 times.					1357.21	(X)
	Cost of using once					169.651	
	Labour for assembling , erection, dismantling & deaning						
	Carpenter II class	per day	0.30	305.00	(0112)	91.50	
	Mazdoor (Male)	per day	0.25	254.00	(0114)	63.50	
	Sundries	LS	5.20	1.80	(9999)	9.36	
	Total					334.01	
	Add for water charges @ 1 %					3.34	
	Total					337.35	(M)
	Add GST 12% on "M"(multiplying factor 0.1405)					47.40	
	Total					384.75	(N)
	Add for contractor's profit and over-heads @ 15% on"N"					57.71	
	Cost of 0.954 sqm					442.46	
	Cost of 1 sqm					**463.80**	
	Add labour cess @ 1%					4.64	
	Rate including labour cess					468.44	
			Say	**₹468.40 per sqm**			
5.9.20	**Suspended floors, roofs, landings, balconies and access platform with water proofply 12 mm thick.**						
	MATERIAL:						
	Adding for maintenance @ 10% of cost						
	Taking salvage value after full use of material						
	@ 25% of cost						
	Rate as per Item Number 10.1 of SH: Steel work	Kg	5.43	67.56	10.10	366.53	A
	1. Plates (size 0.75x0.60)						
	Angle 40x40x5mm						
	2x0.75= 1.50 m						
	2x0.60= 1.20 m						
	= 2.70m@3.00kg/m = 8.10 kg						
	Weight of one plate =8.1kg						
	Add for wastage @ 5% = 0.41 kg						
	Total = 8.51 kg						
	Total weight of all plates = 5x6x8.51 = 255.30						
	Qty taken for cost using once.= 255.30x0.85/40						
	5.425 kg						
	Welding length = (30x32)/40=24 cm						
	Welding by electric plant	cm	24.00	1.86	1215	44.67	
	Water proof ply 12 mm thick	sqm	1.77	481.18	8659	851.70	
	1x4.50x3.00=13.50sqm Add wastage						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	5% =0.68sqm					
	Total 14.18sqm					
	Qty taken for cost using once 14.18/8 = 1.77sqm					
	Carpenter 2nd class	day	0.125	305.00	112	38.13
	Beldar	day	0.125	254.00	114	31.75
	Bolts and nuts up to 300 mm in length	quintal	0.002	4746.69	1034	9.97
	Adjustable span ESO+SI (2.35-3.40)	each	0.106	1442.62	7342	153.35
	Qty taken for cost using once = 5x0.85/40 = 0.10625					
	Adjustable telescopic prop 3 m (2.02-3.75 m)	each	0.128	930.72	7343	118.67
	Qty taken for cost using once = 6x0.85/40 = 0.1275					
	Assembly nut & bolts etc.	LS	12.630	1.80	9999	22.73
	Carriage	LS	130.000	1.80	9999	234.00
	LABOUR:					
	Fitter (grade 1)	day	3.000	348.00	116	1044.00
	Beldar	day	6.000	254.00	114	1524.00
	Shuttering oil	LS	78.000	1.80	9999	140.40
	Sundries	LS	52.000	1.80	9999	93.60
	TOTAL					4673.49
	Add Water Charges @ 1% except on A i.e on					43.070
	TOTAL					4716.56 (M)
	Add GST 12% on "M"(multiplying factor 0.1405)					662.68
	Total					5379.24 (N)
	Add for contractor's profit and over-heads @ 15% on"N"					806.89
	Cost of 13.50 sqm					6186.12
	Cost of 1 sqm					458.23
	Add labour cess @ 1%					4.58
	Rate including labour cess					462.81
			Say	**₹462.80 per sqm**		

5.9.21 **Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proof ply 12 mm thick.**

Details of cost for
a beam of 6 m clear span, 0.50 m deep 0.30 m
wide and height 3.5 m from floor. Cubical contents
6.60x0.5x0.3 = 0.99 cum
1x1.30x6.00 = 7.80 sqm
MATERIAL:
Assuming shuttering will become unserviceable
after use of 8 times
Add maintenance charges @ 10% of cost of material

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Less salvage value of material after full use @ 25% of cost of material						
	Rate as per Item Number 10.1 of SH: Steel work	Kg	3.72	67.56	10.10	251.33	A
	Steel plates for side and bottom (plate size 1.20 x 0.50m) Angle 40x40x5mm (both sides) & bottom 2x(2x1.20) = 4.80 +(2x1.2) =7.20m 2x(3x0.50)=3.00+(3x0.30)=3.9m 11.10 m @ 3.00 kg/m =33.30 kg Add for wastage =1.67kg. Total =34.97 kg. Total weight of all plates 5x34.97 = 174.85 kg Qty taken for cost of using once = 174.85x 0.85/40 =3.72 kg						
	Welding length 480/40= 12 cm						
	Welding by electric plant	cm	24.00	1.86	1215	44.67	
	Water proof ply 12 mm thick 1x1.30x6.00 = 7.80 sqm Add 5% wastage = 0.39 sqm Total = 8.19 sqm Qty taken for cost of using once 8.19/8 sqm = 1.02 sqm	sqm	1.77	481.18	8659	851.70	
	Carpenter 2nd class	day	0.1250	305.00	112	38.13	
	Beldar	day	0.1250	254.00	114	31.75	
	Bolts and nuts up to 300 mm in length	quintal	0.0021	4746.69	1034	9.97	
	Adjustable telescopic prop 3 m (2.02-3.75 m) Qty taken for cost of using once = 6 x0.85/40 =0.1275 m	each	0.1275	930.72	7343	118.67	
	Beam clamp 300-380 mm (450-1070 mm) Qty taken for cost of using once = 5x0.85/40 = 0.1063m	each set	0.128	344.37	7344	43.91	
	Assembly nut & bolts etc.	LS	12.630	1.80	9999	22.73	
	Carriage	LS	130.000	1.80	9999	234.00	
	LABOUR:						
	Fitter (grade 1)	day	3.000	348.00	116	1044.00	
	Beldar	day	6.000	254.00	114	1524.00	
	Shuttering oil	LS	78.000	1.80	9999	140.40	
	Sundries, paper tape etc	LS	52.000	1.80	9999	93.60	
	TOTAL					4448.85	
	Add Water Charges @ 1% except on A i.e on					41.98	
	TOTAL					4490.83	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					630.96	
	Total					5121.79	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and over-heads @ 15% on"Y"					768.27
	Cost of 13.50 sqm					5890.06
	Cost of 1 sqm					436.30
	Add labour cess @ 1%					4.36
	Rate including labour cess					440.66
			Say	**₹440.70 per sqm**		
5.10	**Providing and fixing tie bolt, sprinq coil and plastic cone in wall shuttering complete as per the direction of engineer-in charge**					
5.10.1	**12 mm dia & 100 mm length**					
	Details of cost for wall length 7.90m/1 m (24 set)					
	Material:					
	Tie bolt 12 mm dia & 100 mm length	each	24.00	37.23	(7320)	893.49
	Spring coil 12 mm dia.	each	48.00	14.89	(7324)	714.80
	Plastic cone 12 mm dia.	each	48.00	16.75	(7325)	804.15
	Carriage	LS	13.00	1.80	(9999)	23.40
	labour Sundries	LS	26.00	1.80	(9999)	46.80
	Total					2482.64
	Add for water charges @ 1%					24.83
	Total					2507.46 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					352.30
	Total					2859.76 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					428.96
	Cost of 24 sets					3,288.72
	Cost of 1 sets					137.03
	Add labour cess @ 1%					1.37
	Rate including labour cess					138.40
			Say	**₹138.40 per sets**		
5.10.2	**12 mm dia & 150 mm length**					
	Details of cost for wall length 7.90mx1 m (24 set)					
	Material:					
	Tie bolt 12 mm dia & 100 mm length	each	24.00	46.54	(7321)	1116.87
	Spring coil 12 mm dia.	each	48.00	14.89	(7324)	714.80
	Plastic cone 12 mm dia.	each	48.00	16.75	(7325)	804.15
	Carriage	LS	13.00	1.80	(9999)	23.40
	labour:					
	Sundries	LS	26.00	1.80	(9999)	46.80
	Total					2706.01
	Add for water charges @ 1 %					27.06
	Total					2733.07 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					384.00
	Total					3117.06 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					467.56
	Cost of 24 sets					3,584.62
	Cost of 1 sets					149.36
	Add labour cess @ 1%					1.49
	Rate including labour cess					150.85

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
			Say	**₹150.80**	**per sets**	
5.10.3	**20 mm dia & 150mm length**					
	Details of cost for wall length 7.90mx1 m (24 set)					
	Material:					
	Tie bolt 12 mm dia & 100 mm length	each	24.00	55.84	(7322)	1340.24
	Spring coil 12 mm dia.	each	48.00	14.89	(7324)	714.80
	Plastic cone 12 mm dia.	each	48.00	16.75	(7325)	804.15
	Carriage	LS	13.00	1.80	(9999)	23.40
	labour:					
	Sundries	LS	26.00	1.80	(9999)	46.80
	Total					2929.38
	Add for water charges @ 1%					29.29
	Total					2958.68 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					415.69
	Total					3374.37 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					506.16
	Cost of 24 sets					3,880.53
	Cost of 1 sets					161.69
	Add labour cess @ 1%					1.62
	Rate including labour cess					163.31
			Say	**₹163.30**	**per sets**	
5.10.4	**20 mm dia & 225 mm length**					
	Details of cost for wall length 7.90mx1m (24 set)					
	Material:					
	Tie bolt 12 mm dia & 100 mm length	each	24.00	65.15	(7323)	1563.62
	Spring coil 12 mm dia.	each	48.00	14.89	(7324)	714.80
	Plastic cone 12 mm dia.	each	48.00	16.75	(7325)	804.15
	Carriage	1 time	13.00	1.80	(9999)	23.40
	labour:					
	Sundries	1 time	26.00	1.80	(9999)	46.80
	Total					3152.76
	Add for water charges @ 1%					31.53
	Total					3184.28 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					447.39
	Total					3631.68 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					544.75
	Cost of 24 sets					4,176.43
	Cost of 1 sets					174.02
	Add labour cess @ 1%					1.74
	Rate including labour cess					175.76
			Say	**₹175.80**	**per sets**	

5.11 Extra for additional height in centring, shuttering where ever required with adequate bracing, propping etc. including cost of de-shutering and de centring at all levels over a height of 3.5 m ,for every additional height of 1 metre or part thereof (Plan area to be measured)

5.11.1 Suspended floors, roots, laning, beams and balconies (Plan area to be measured)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Details of cost for Room of Size 6m x 4.8m = 28.8 sqm					
	Material:					
	1. Prop 4m	each	21.00	884.19	(7345)	18567.93 (A)
	2. Prop 3 m	each	21.00	930.72	(7343)	19545.19 (A)
	Difference of rate between 4 m prop and 3 m prop.7x3					-977.26
	2. Bracing					
	MS tube 40 mm					
	7x4.8 m =33.60 m					
	3x6.0 m =18.00 m					
	=51.60 m	metre	51.60	209.41	(7330)	10805.70 (A)
	3. Double coupler (40x40)	each	21.00	44.67	(7346)	938.17 (A)
	Add for maintenanace @ 10 %					10766.61
	Less salvage value of material after full use @ 25% on 'A'					
	Assume shuttering material will become unsevisible after 40 uses.Cost for using 40					
	Cost for using once					228.79
	Carriage	LS	65.00	1.80	(9999)	117.00
	Labour:					
	Fitter Grade-1	per day	3.00	348.00	(0116)	1044.00
	Beldar	per day	6.00	254.00	(0114)	1524.00
	Sundries	LS	130.00	1.80	(9999)	234.00
	Tota					3147.79
	Add for water charges @ 1 %					31.48
	Total					3179.27 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					446.69
	Total					3625.96 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					543.89
	Cost of 28.8 sqm					4,169.85
	Cost of 1 sqm					144.79
	Add labour cess @ 1%					1.45
	Rate including labour cess					146.24
			Say	**₹146.20**	**Per sqm**	

PRE-CAST R.C.C.

5.18 Providing,precast cement concrete Jali 1:2:4(1 cemeni:2 coarse sand:4 stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steelwire including roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement:3 fine sand) etc.complete excluding plastering of the jambs, sills and soffits.

5.18.1	**50 mm thick**					
	Details of cost for jali					
	2.00x0.75m=1.50 sqm of jaii-					
	Cost of jali	sqm	1.50	218.72	(0768)	328.08
	Mortar for fixing	LS	6.24	1.80	(9999)	11.23
	Carriage and sundires	LS	6.20	1.80	(9999)	11.16
						350.47
	Labour (for fixing):					350.47
	Mason 1st class	per day	0.30	342.00	(0123)	102.60
	Mason 2nd class	per day	0.30	305.00	(0124)	91.50
	Beldar	per day	1.08	254.00	(0114)	274.32
	Total					818.89

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for water charges @ 1 %					8.19
	Total					827.08 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					116.20
	Total					943.29 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					141.49
	Cost of 1.5 sqm					1,084.78
	Cost of 1 sqm					723.19
	Add labour cess @ 1%					7.23
	Rate including labour cess					730.42
			Say	**₹730.40**	**Per sqm**	
5.18.2	**40 mm thick**					
	Details of cost for 1.25mx0.60m=0.75 sqm of jali-					
	Cost of jali	sqm	0.75	186.14	(0769)	139.61
	Mortar for fixing	LS	3.64	1.80	(9999)	6.55
	Carriage and sundries	LS	3.64	1.80	(9999)	6.55
	Labour (for fixing):					
	Mason 1st class	per day	0.12	342.00	(0123)	41.04
	Mason 2nd class	per day	0.12	305.00	(0124)	36.60
	Beldar	per day	0.50	254.00	(0114)	127.00
	Total					357.35
	Add for water charges @ 1 %					3.57
	Total					**360.93 (X)**
	Add GST 12% on "X"(multiplying factor 0.1405)					50.71
	Total					411.64 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					61.75
	Cost of 0.75 sqm					473.38
	Cost of 1 sqm					631.18
	Add labour cess @ 1%					6.31
	Rate including labour cess					637.49
			Say	**₹637.50**	**Per sqm**	
5.18.3	**25 mm thick**					
	Details of cost for jali 0.75mx0.5m =0.375 sqm-					
	Cost of jali	sqm	0.375	153.57	(0770)	57.59
	Mortar for fixing	LS	1.82	1.80	(9999)	3.28
	Carriage and sundries	LS	1.82	1.80	(9999)	3.28
	Labour (for fixing):					
	Mason Ist dass	per day	0.06	342.00	(0123)	20.52
	Mason 2nd class	per day	0.06	305.00	(0124)	18.30
	Beldar	per day	0.25	254.00	(0114)	63.50
	Total					166.46
	Add for water charges @ 1 %					1.66
	Total					168.13 X
	Add GST 12% on "X"(multiplying factor 0.1405)					23.62
	Total					191.75 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					28.76
	Cost of 0.375 cum					220.51
	Cost of 1 cum					588.02
	Add labour cess @ 1%					5.88

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Rate including labour cess					593.90	
			Say	**₹593.90**	**Per sqm**		
5.12	**Providing, hoisting and fixing up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but excluding cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).**						
	Details of cost for 1 cum.						
	MATERIAL:						
	Cement concrete 1:1.5:3 in string or lacing course etc						
	Rate as per Item Number 4.5.1 of SH: Concrete work	cum	1	5422.43	4.5.1	5422.43	A
	(NB : Rate has been taken including cost of fixing in CM 1:2 as precast members are to be fixed in CM 1:2)(1 cement: 2 coarse sand) as per CPWD specifications						
	LABOUR:						
	Extra labour for laying CC in RCC work						
	Beldar	day	0.1	254.00	(0114)	25.40	
	Bhisti	day	0.2	277.00	101	55.40	
	Mason (brick layer) 1 st class	day	0.04	342.00	123	13.68	
	Mason (brick layer) 2nd class	day	0.04	305.00	124	12.20	
	Mate	day	0.04	270.00	128	10.80	
	TOTAL					5539.91	
	Add Water Charges @ 1% except on A					1.1748	
	TOTAL					5541.08	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)except "A					16.67	
	Total					5557.75	(Y)
	Add CPOH @ 15% except on A i.e on					20.30	
	Cost of 1 cum					5578.05	
	Add labour cess @ 1%					55.78	
						5633.83	
	Say		**Say**	**₹5633.80**	**Per cum**		
5.13	**Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in small lintels not exceeding 1.5 m clear span up to floor five level,including the cost of required centering, shuttering but excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).**						
	Details of cost for a lintel Qty = 0.054 cum.						
	MATERIAL:						
	1.5m clear span = 1.8x0.20x0.15 = 0.054 cum.						
	Cement Concrete 1:1.5:3						
	Rate as per Item Number 4.2.2 of SH : Concrete work	cum	0.054	5599.60	4.2.2	302.38	A
	Centring and shuttering						
	Rate as per Item Number 4.3.1 of SH: Concrete work	sqm	0.6	184.07	4.3.1	110.44	A
	LABOUR:						
	Beldar	day	0.005	254.00	114	1.27	
	Bhisti	day	0.01	277.00	101	2.77	
	Mason (brick layer) 1 st class	day	0.002	342.00	123	0.68	
	Mason (brick layer) 2nd class	day	0.002	305.00	124	0.61	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Mate	day	0.002	270.00	(0128)	0.54	
	TOTAL					418.69	
	Add Water Charges @ 1% except on A i.e on					0.05874	
	TOTAL					418.75	(X)
	Add GST 12% on "X"(multiplying factor 0.1405) except "A"					0.83	
	Total					419.58	(Y)
	Add CPOH @ 15% except on A i.e on					0.89	
	Cost of 0.054 cum					421.31	
	Cost of 1 cum					7801.99	
	Add labour cess @ 1%					78.0199	
						7880.01	
	Say	**Say**		**₹7880.00**	**Per cum**		

5.14 Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in mouldings as in cornices, windows sills etc. including setting in cement mortar 1:3 (1 cement : 3 coarse sand) cost of required centering, shuttering but excluding the cost of reinforcement, with 1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).

Details of cost for one 1 x 0.20 x 0.15 = 0.03 cum.						
MATERIAL:						
Cement concrete 1:1.5:3						
Rate as per Item Number 4.1.2 of SH:	cum	0.03	4634.93	4.1.2	139.05	A
Concrete work						
Extra labour for lifting						
0.45 x 0.03 x 2.5 = 0.034						
Coolie	day	0.034	265.00	115	9.01	
Mortar and labour for hoisting and for fixing	L.S.	2.73	1.80	(9999)	4.91	
Centring and shuttering						
Rate as per Item Number 4.3.1 of SH:	sqm	0.36	184.07	4.3.1	66.26	A
Concrete work						
53.82x0.03						
Add for extra labour for hoisting	L.S.	1.61	1.80	(9999)	2.90	
LABOUR:						
Add Extra labour for moulding						
Mason (brick layer) 1 st class	day	0.0174	342.00	123	5.95	
0.58x0.03						
Mason (brick layer) 2nd class	day	0.0174	305.00	124	5.31	
0.58x0.03						
Coolie	day	0.045	265.00	115	11.93	
1.5x0.03						
Bhisti	day	0.0018	277.00	101	0.50	
0.06x0.03						
Extra labour for laying CC in RCC						
Beldar	day	0.003	254.00	114	0.76	
0.1x0.03						
Bhisti	day	0.006	277.00	101	1.66	
0.2x0.03						
Mason (brick layer) 1 st class	day	0.0012	342.00	123	0.41	
0.04x0.03						
Mason (brick layer) 2nd class	day	0.0012	305.00	124	0.37	
0.04x0.03						
Mate	day	0.0012	270.00	(0128)	0.32	
0.04x0.03						
TOTAL					249.34	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add Water Charges @ 1% except on A i.e on					0.440	
	TOTAL					249.78	(X)
	Add GST 12% on "X"(multiplying factor 0.1405) except "A"					6.25	
	Total					256.03	(Y)
	Add CPOH @ 15% except on A i.e on					6.670	
	Cost of 0.03 cum					262.70	
	Cost of 1 cum					8756.59	
	Add labour cess @ 1%					87.57	
						8844.15	
	Say	**Say**		**₹8844.20**	**Per cum**		

5.15 Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in lintels, beams and bressumers including setting in cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering and shuttering but excluding the cost of reinforcement with, 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).

Details of cost for a beam 6.60m long 0.50m deep and 0.30m wide = 6.60x0.50x 0.30 = 0.99 cum.						
MATERIAL:						
Cement concrete 1:1.5:3						
Rate as per Item Number 4.1.2 of SH: Concrete work	cum	0.99	4634.93	4.1.2	4588.58	A
Centring and shuttering						
Rate as per Item Number 4.3.1 of SH: Concrete work	sqm	6.9	184.07	4.3.1	1270.05	A
Extra labour for lifting material upto floor V level						
Coolie	day	1.11	265.00	115	294.15	
LABOUR:						
Extra labour for laying cement concrete in RCC work						
Beldar 0.10x0.99	day	0.099	254.00	114	25.15	
Bhisti 0.20x0.99	day	0.198	277.00	101	54.85	
Mason (brick layer) 1 st class 0.04x0.99	day	0.0396	342.00	123	13.54	
Mason (brick layer) 2nd class 0.04x0.99	day	0.0396	305.00	124	12.08	
Mate 0.04x0.99	day	0.0396	270.00	(0128)	10.69	
Cement mortar 1:3 for fixing	L.S.	89.7	1.80	(9999)	161.46	
Labour for hoisting, Transporting and setting in position	L.S.	269.1	1.80	(9999)	484.38	
TOTAL					6914.93	
Add Water Charges @ 1% except on A i.e on					10.56	
TOTAL					6925.49	
Add GST 12% on "X"(multiplying factor 0.1405) except "A"					149.89	
Total					7075.39	(Y)
Add CPOH @ 15% except on A i.e on					182.51	
Cost of 0.99 cum					7257.90	
Cost of 1 cum					7331.21	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add labour cess @ 1%					73.31	
						7404.52	
	Say		**Say**	**₹7404.50**	**Per cum**		
5.16	**Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in shelves including setting in cement mortar 1:3 (1 cement : 3 coarsesand), cost of required centering, shuttering and finishing with neat cement punning on exposed surfaces but excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 12.5 mm nominal size).**						
	Details of cost for one shelf 0.90x0.45x0.04m thick = 0.90x0.45x0.04m = 0.0162 cum.						
	Cement concrete 1:1.5:3						
	Rate as per Item Number 4.1.2 of SH:	cum	0.0162	4634.93	4.1.3	75.09	A
	Concrete work						
	Finisihing						
	Rate as per Item Number 13.18 of SH:	sqm	0.85	38.60	13.18	32.81	A
	Finishing						
	Centring and shuttering:						
	2x(0.90+0.45)x0.04 = 0.108 sqm						
	Rate as per Item Number 4.3.1 of SH:	sqm	0.108	184.07	4.3.1	19.88	A
	Concrete work						
	Extra labour for lifting material upto floor V level						
	Coolie	day	0.018	265.00	115	4.77	
	LABOUR:						
	Extra labour for laying cement concrete in RCC work due to delay etc.						
	Beldar	day	0.016	254.00	114	4.06	
	Bhisti	day	0.0032	277.00	101	0.89	
	Mason (brick layer) 1 st class	day	0.0006	342.00	123	0.21	
	Mason (brick layer) 2nd class	day	0.0006	305.00	124	0.18	
	Mate	day	0.0006	270.00	(0128)	0.16	
	Cement mortar 1:3 for fixing	L.S.	4.42	1.80	(9999)	7.96	
	Labour for hoisting, Transporting and setting	L.S.	13.52	1.80	(9999)	24.34	
	TOTAL					170.34	
	Add Water Charges @ 1% except on A i.e on					0.43	
	TOTAL					170.76	(X)
	Add GST 12% on "X"(multiplying factor 0.1405) except "A"					6.04	
	Total					176.80	(Y)
	Add CPOH @ 15% except on A i.e on					7.35	
	Cost of 0.0162 cum					184.16	
	Cost of 1 cum					11367.73	
	Add labour cess @ 1%					113.68	
						11481.41	
	Say		**Say**	**₹11481.40**	**Per cum**		
5.17	**Providing, hoisting and fixing up to floor five level precast reinforced cement concrete in vertical & horizontal fins individually or forming box louvers setting in cement mortar 1:2 (1 cement : 2 coarse sand), including the cost of required centering, shuttering but excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).**						
	Details of cost for 4 RCC vertical fins 4m high at 1.0m centre to centre with two horizontal fins, all projecting 60cm from face of wall and 5 cm thick cubical contents = 0.66 cum.						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	MATERIAL:						
	Cement concrete 1:1.5:3						
	Rate as per Item Number 4.1.2 of SH:	cum	0.66	4634.93	(4.1.2)	3059.06	A
	Concrete work						
	Centering and shuttering						
	Rate as per Item Number 4.3.1 of SH:	sqm	2.56	184.07	(4.3.1)	471.21	A
	Concrete work						
	Extra labour for lifting material upto floor V level						
	Coolie	day	0.75	265.00	(0115)	198.75	
	LABOUR:						
	Extra labour for laying cement concrete in RCC work due to delay etc.						
	Beldar	day	0.066	254.00	(0114)	16.76	
	Bhisti	day	0.132	277.00	(0101)	36.56	
	Mason (brick layer) 1 st class	day	0.0264	342.00	(0123)	9.03	
	Mason (brick layer) 2nd class	day	0.0264	305.00	(0124)	8.05	
	Mate	day	0.0264	270.00	(0128)	7.13	
	Cement mortar 1:2 for fixing	L.S.	17.94	1.80	(9999)	32.29	
	Labour for hoisting, Transporting and setting	L.S.	71.76	1.80	(9999)	129.17	
	Sundries	L.S.	17.94	1.80	(9999)	32.29	
	TOTAL					4000.30	
	Add Water Charges @ 1% except on A i.e on					4.70	
	TOTAL					4005.00	(X)
	Add GST 12% on "X"(multiplying factor 0.1405) except "A"					66.70	
	Total					4071.70	(Y)
	Add CPOH @ 15% except on A i.e on					81.22	
	Cost of 0.66 cum					4152.92	
	Cost of 1 cum					6292.30	
	Add labour cess @ 1%					62.92	
						6355.22	
	Say		**Say**	**₹6355.20**	**Per cum**		

ENCASING ROLLED STEEL SECTION

5.19 **Encasing rolled steel sections, in beams and columns, with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 12.5 mm nominal size),including centering and shuttering complete but excluding cost of reinforcement.**

Details of cost for 0.424 cum
Consider 2 R.S. Joists (150mmx80mm) 4.88m
long placed 30cm apart centre to centre
Overall dimensions of the beam 43cmx20cm

MATERIAL:

Concrete work :						
4.93x0.43x0.20 = 0.424 cum						
For 1:2:4 Cement Concrete (1 cement: 1.5 coarse sand : 3 stone aggregate 20mm nominal size)						
Rate as per Item Number 4.1.3 of SH:	cum	0.424	4634.93	4.1.2	1965.21	A

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Concrete work						
	Extra labour for laying C.C. in RCC work						
	Beldar	day	0.042	254.00	(0114)	10.67	
	Bhisti	day	0.085	277.00	0101	23.55	
	Mason (brick layer) 1 st class	day	0.017	342.00	0123	5.81	
	Mason (brick layer) 2nd class	day	0.017	305.00	0124	5.19	
	Mate	day	0.017	270.00	0128	4.59	
	Form work-						
	4.93x0.83 girth = 4.09 sqm						
	Rate as per Item Number 5.9.5 of SH:	sqm	4.09	331.98	5.9.5	1357.80	A
	Reinforced cement concrete work						
	Sundries and for lifting materials	L.S.	21.58	1.80	9999	38.84	
	TOTAL					3411.66	
	Add Water Charges @ 1% except on A i.e on					0.89	
	TOTAL					3412.54	(X)
	Add GST 12% on "X"(multiplying factor 0.1405) except "A"					12.58	
	Total					3425.12	(Y)
	Add CPOH @ 15% except on A i.e on					15.32	
	Cost of 0.424 cum					3440.44	
	Cost of 1 cum					8114.24	
	Add labour cess @ 1%					81.14	
						8195.38	
	Say		**Say**	**₹8195.40**	**Per cum**		

5.20 Encasing rolled steel section in grillages with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size, including centering and shuttering but, excluding cost of expanded metal and hangers.

Code		Description	Unit	Quantity	Rate	Code	Amount	
		Details of cost for the grillage 3.50mx						
		3.50mx1.00m = 12.25 cum						
		Cement concrete 1:1½:3						
4.1.2		Rate as per Item No.4.1.2 of SH: Concrete						
		Work	cum	12.25	4634.93	4.1.2	56777.92	(A)
		Extra labour for laying C.C. in RCC work					0.00	
	114	Beldar	day	1.23	254.00	(0114)	311.15	
	101	Bhisti	day	2.45	277.00	0101	678.65	
	123	Mason (brick layer) 1st class	day	0.49	342.00	0123	167.58	
	124	Mason (brick layer) 2nd class	day	0.49	305.00	0124	149.45	
	128	Mate	day	0.49	270.00	0128	132.30	
		Shuttering :						
		2(3.50+3.50)x1.00= 14.00 sqm						
5.9.5		Rate as per item 5.9.5 of SH: Reinforced						
		cement concrete work	sqm	14.00	331.98	5.9.5	4647.72	(A)
		TOTAL					62864.77	
		Add 1 % Water charges on all except (A)					14.39	
		TOTAL					62879.17	(X)
		Add GST 12% on "X"(multiplying factor 0.1405) except "A"					204.22	
		Total					63083.39	(Y)
		Add CPOH @ 15% except on A i.e on					248.66	
		TOTAL					63332.05	
		Cost of 12.25 cum.					63332.05	
		Cost of 1 cum.					5169.96	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add labour cess @ 1%					51.70
						5221.66
	Say		**Say**	**₹5221.70**	**Per cum**	

5.21 **Extra for providing and faixing expanded metal mesh of size 20x60mm and strands 3.25 mm wide 1:6 mm thich weighing 3.64 kg. er sqm for encasing of roiled steel sections in beams, columns and grillages excluding cost of hangers**

Details of cost for 10 sqm-					
Meterials:					
Expanded metal 20 mm x 60 mm and 1.6 mm thick =10sqm					
Wastage 5%=0.5 sqm					
Total =10.5sqm	sqm	10.50	260.60	(1015)	2736.33
Carriage of expanded metal	LS	13.52	1.80	(9999)	24.34
Wire for tieing	LS	13.52	1.80	(9999)	24.34
Cost of bending and placing in position -					
Blacksmith 1st class	per day	0.25	342.00	(0102)	85.50
Beldar	per day	0.25	254.00	(0114)	63.50
Total					2934.00
Add for water charges @ 1 %					29.34
Total					2963.34 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					416.35
Total					3379.69 (Y)
Add for contractor's profit and over-heads @ 15% on"Y"					506.95
Cost of 10 sqm					3,886.64
Cost of 1 sqm					388.66
Add labour cess @ 1%					3.89
Rate including labour cess					392.55
		Say	**₹392.60**	**Per sqm**	

STEEL REINFORCEMENT

5.22 Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.

5.22.1 Mild steel wire rod

Details of cost for 1 quintal-					
Materials:					
Mild steel bars =1.00q					
Wastage 5% =0.05 q					
Total =1.05 q	quintal	1.05	4545.00	(1004)	4772.25
Carriage of steel 1.05/10=0.105t	tonne	0.105	0.00	(2205)	0.00
Binding wire	kilogram	5.00	44.67	(7335)	223.37
Cover block	LS	26.00	1.80	(9999)	46.80
Labour:					
For straightening, cutting, bending, binding and placing in position					
Blacksmith 1st class	per day	1.00	342.00	(0102)	342.00 (B)
Beldar	per day	1.00	254.00	(0114)	254.00 (B)
Sundries	LS	26.91	1.80	(9999)	48.44 (B)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Total					5686.86	
	Add for water charges @ 1 %					56.87	
	Total					5743.73	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					806.99	
	Total					6550.72	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					982.61	
	Cost of 100 kg					7,533.33	
	Cost of 1 kg					75.33	
	Add labour cess @ 1%					0.75	
	Rate including labour cess					76.08	
			Say	**₹76.10**	**Per Kg.**		
5.22.1A	**Mild steel 5.5 mm dia**						
	Details of cost for 1 quintal-						
	Materials:						
	Mild steel bars =1.00q						
	Wastage 5% =0.05 q						
	Total =1.05 q	quintal	1.05	4545.00	(1004A)	4772.25	
	Carriage of steel 1.05/10=0.105t	tonne	0.105	0.00	(2205)	0.00	
	Binding wire	kilogram	5.00	44.67	(7335)	223.37	
	Cover block	LS	26.00	1.80	(9999)	46.80	
	Labour:						
	For straightening, cutting, bending, binding and placing in position						
	Blacksmith 1st class	per day	1.00	342.00	(0102)	342.00	(B)
	Beldar	per day	1.00	254.00	(0114)	254.00	(B)
	Sundries	LS	26.91	1.80	(9999)	48.44	(B)
						5686.86	
	Add for water charges @ 1 %					56.87	
	Total					5743.73	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					806.99	
	Total					6550.72	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					982.61	
	Cost of 100 kg					7,533.33	
	Cost of 1 kg					75.33	
	Add labour cess @ 1%					0.75	
	Rate including labour cess					76.08	
			Say	**₹76.10**	**Per Kg.**		
5.22.1B	**Mild steel 6.00 mm dia**						
	Details of cost for 1 quintal-						
	Materials:						
	Mild steel bars =1.00q						
	Wastage 5% =0.05 q						
	Total =1.05 q	quintal	1.05	4532.00	(1004B)	4758.60	
	Carriage of steel 1.05/10=0.105t	tonne	0.105	0.00	(2205)	0.00	
	Binding wire	kilogram	5.00	44.67	(7335)	223.37	
	Cover block	LS	26.00	1.80	(9999)	46.80	
	Labour:						
	For straightening, cutting, bending, binding and placing in position						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Blacksmith 1st class	per day	1.00	342.00	(0102)	342.00	(B)
	Beldar	per day	1.00	254.00	(0114)	254.00	(B)
	Sundries	LS	26.91	1.80	(9999)	48.44	(B)
	Total					5673.21	
	Add for water charges @ 1 %					56.73	
	Total					5729.94	
	Add GST 12% on "X"(multiplying factor 0.1405)					805.06	
	Total					6535.00	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					980.25	
	Cost of 100 kg					7,515.25	
	Cost of 1 kg					75.15	
	Add labour cess @ 1%					0.75	
	Rate including labour cess					75.90	
			Say	**₹75.90**	**Per Kg.**		
5.22.1C	**Mild steel 6.5 mm dia**						
	Details of cost for 1 quintal-						
	Materials:						
	Mild steel bars =1.00q						
	Wastage 5% =0.05 q						
	Total =1.05 q	**quintal**	**1.05**	**4518.00**	**(1004C)**	**4743.90**	
	Carriage of steel 1.05/10=0.105t	tonne	0.105	0.00	(2205)	0.00	
	Binding wire	kilogram	5.00	44.67	(7335)	223.37	
	Cover block	LS	26.00	1.80	(9999)	46.80	
	Labour:						
	For straightening, cutting, bending, binding and placing in position						
	Blacksmith 1st class	per day	1.00	342.00	(0102)	342.00	(B)
	Beldar	per day	1.00	254.00	(0114)	254.00	(B)
	Sundries	LS	26.61	1.80	(9999)	47.90	(B)
	Total					5657.97	
	Add for water charges @ 1 %					56.58	
	Total					5714.55	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					802.89	
	Total					6517.45	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					977.62	
	Cost of 100 kg					7,495.06	
	Cost of 1 kg					74.95	
	Add labour cess @ 1%					0.75	
	Rate including labour cess					75.70	
			Say	**₹75.70**	**Per Kg.**		
5.22.1D	**Mild steel 7.00 mm dia**						
	Details of cost for 1 quintal-						
	Materials:						
	Mild steel bars =1.00q						
	Wastage 5% =0.05 q						
	Total =1.05 q	quintal	1.05	4505.00	(1004D)	4730.25	
	Carriage of steel 1.05/10=0.105t	tonne	0.105	0.00	(2205)	0.00	
	Binding wire	kilogram	5.00	44.67	(7335)	223.37	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Cover block	LS	26.00	1.80	(9999)	46.80	
	Labour:						
	For straightening, cutting, bending, binding and placing in position						
	Blacksmith 1st class	per day	1.00	342.00	(0102)	342.00	(B)
	Beldar	per day	1.00	254.00	(0114)	254.00	(B)
	Sundries	LS	26.91	1.80	(9999)	48.44	(B)
	Total					5644.86	
	Add for water charges @ 1 %					56.45	
	Total					5701.31	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					801.03	
	Total					6502.34	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					975.35	
	Cost of 100 kg					7,477.70	
	Cost of 1 kg					74.78	
	Add labour cess @ 1%					0.75	
	Rate including labour cess					75.53	
			Say	**₹75.50**	**Per Kg.**		
5.22.1E	**Mild steel 8.00 mm dia**						
	Details of cost for 1 quintal-						
	Materials:						
	Mild steel bars =1.00q						
	Wastage 5% =0.05 q						
	Total =1.05 q	quintal	1.05	4492.00	(1004E)	4716.60	
	Carriage of steel 1.05/10=0.105t	tonne	0.105	0.00	(2205)	0.00	
	Binding wire	kilogram	5.00	44.67	(7335)	223.37	
	Cover block	LS	26.00	1.80	(9999)	46.80	
	Labour:						
	For straightening, cutting, bending, binding and placing in position						
	Blacksmith 1st class	per day	1.00	342.00	(0102)	342.00	(B)
	Beldar	per day	1.00	254.00	(0114)	254.00	(B)
	Sundries	LS	26.91	1.80	(9999)	48.44	(B)
	Total					5631.21	
	Add for water charges @ 1 %					56.31	
	Total					5687.52	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					799.10	
	Total					6486.62	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					972.99	
	Cost of 100 kg					7,459.61	
	Cost of 1 kg					74.60	
	Add labour cess @ 1%					0.75	
	Rate including labour cess					75.35	
			Say	**₹75.30**	**Per Kg.**		
5.22.1F	**Mild steel 10.00 mm dia**						
	Details of cost for 1 quintal-						
	Materials:						
	Mild steel bars =1.00q						
	Wastage 5% =0.05 q						
	Total =1.05 q	quintal	1.05	4545.00	(1004F)	4772.25	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Carriage of steel 1.05/10=0.105t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	LS	26.00	1.80	(9999)	46.80
	Labour:					
	For straightening, cutting, bending, binding and placing in position					
	Blacksmith 1st class	per day	1.00	342.00	(0102)	342.00 (B)
	Beldar	per day	1.00	254.00	(0114)	254.00 (B)
	Sundries	LS	26.91	1.80	(9999)	48.44 (B)
	Total					5686.86
	Add for water charges @ 1 %					56.87
	Total					5743.73 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					806.99
	Total					6550.72 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					982.61
	Cost of 100 kg					7,533.33
	Cost of 1 kg					75.33
	Add labour cess @ 1%					0.75
	Rate including labour cess					76.08
			Say	**₹76.10**	**Per Kg.**	
5.22.1G	**Mild steel 12.0/12.7 mm dia**					
	Details of cost for 1 quintal-					
	Materials:					
	Mild steel bars =1.00q					
	Wastage 5% =0.05 q					
	Total =1.05 q	quintal	1.05	4545.00	(1004G)	4772.25
	Carriage of steel 1.05/10=0.105t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	LS	26.00	1.80	(9999)	46.80
	Labour:					
	For straightening, cutting, bending, binding and placing in position					
	Blacksmith 1st class	per day	1.00	342.00	(0102)	342.00 (B)
	Beldar	per day	1.00	254.00	(0114)	254.00 (B)
	Sundries	LS	26.91	1.80	(9999)	48.44 (B)
						5686.86
	Add for water charges @ 1 %					56.87
	Total					5743.73 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					806.99
	Total					6550.72 (Y)
	Add for contractor's profit and over-heads @ 15%					982.61
	Cost of 100 kg					7533.33
	Cost of 1 kg					75.33
	Add labour cess @ 1%					0.75
	Rate including labour cess					76.08
			Say	**₹76.10**	**Per Kg.**	
5.22.7	**Thermo-Mechanically Treated bars (Fe-500) 28mm dia.**					
	Cold twisted bars					
	Details of cost for 1 quintal-					
	Materials:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Deformed twisted					
	Steel bars 1.00q					
	Wastage @ 5% = 0.05 q					
	Total = 1.05 q	quintal	1.05	4491.50	.(1005)	4716.08
	Carriage of steel 1.05/10=0.105 t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	LS	26.00	1.80	(9999)	46.80
	Labour:					
	Same as per item no. 5.29.1-B	Kg	1	644.44	(5.29.1-B)	644.44
	Sundries	LS	26.91	1.80	(9999)	48.44
						5679.12
	Add for water charges @ 1 %					56.79
	Total					5735.92 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					805.90
	Total					6541.81 (Y)
	Add for contractor's profit and over-heads @ 15%					981.27
	Cost of 100 kg					7,523.08
	Cost of 1 kg					75.23
	Add labour cess @ 1%					0.75
	Rate including labour cess					75.98
			Say	**₹76.00**	**Per Kg.**	
5.22.7A	**Thermo-Mechanically Treated bars (Fe-500) 8mm dia.**					
	Cold twisted bars					
	Details of cost for 1 quintal-					
	Materials:					
	Deformed twisted					
	Steel bars 1.00q					
	Wastage @ 5% = 0.05 q					
	Total = 1.05 q	quintal	1.05	4593.20	.(1005A)	4822.86
	Carriage of steel 1.05/10=0.105 t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	LS	26.00	1.80	(9999)	46.80
	Labour:					
	Same as per item no. 5.29.1-B	Kg	1	644.44	(5.29.1-B)	644.44
	Sundries	LS	26.91	1.80	(9999)	48.44
						5785.91
	Add for water charges @ 1 %					57.86
						5843.77
	Add GST 12% on "X"(multiplying factor 0.1405)					821.05
	Total					6664.82 (Y)
	Add for contractor's profit and over-heads @ 15%					999.72
	Cost of 100 kg					7,664.54
	Cost of 1 kg					76.65
	Add labour cess @ 1%					0.77
	Rate including labour cess					77.42
			Say	**₹77.40**	**Per Kg.**	
5.22.7B	**Thermo-Mechanically Treated bars (Fe-500) 10mm dia.**					
	Cold twisted bars					
	Details of cost for 1 quintal-					
	Materials:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Deformed twisted					
	Steel bars 1.00q					
	Wastage @ 5% = 0.05 q					
	Total = 1.05 q	quintal	1.05	4542.40	.(1005B)	4769.52
	Carriage of steel 1.05/10=0.105 t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	LS	26.00	1.80	(9999)	46.80
	Labour:					
	Same as per item no. 5.29.1-B	Kg	1	644.44	(5.29.1-B)	644.44
	Sundries	LS	26.91	1.80	(9999)	48.44
						5732.57
	Add for water charges @ 1 %					57.33
	Total					5789.90 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					813.48
	Total					6603.38 (Y)
	Add for contractor's profit and over-heads @ 15%					990.51
	Cost of 100 kg					7,593.88
	Cost of 1 kg					75.94
	Add labour cess @ 1%					0.76
	Rate including labour cess					76.70
			Say	**₹76.70**	**Per Kg.**	
5.22.7C	**Thermo-Mechanically Treated bars (Fe-500) 12mm dia.**					
	Cold twisted bars					
	Details of cost for 1 quintal-					
	Materials:					
	Deformed twisted					
	Steel bars 1.00q					
	Wastage @ 5% = 0.05 q					
	Total = 1.05 q	quintal	1.05	4491.50	.(1005C)	4716.08
	Carriage of steel 1.05/10=0.105 t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	1 time	10.00	1.80	(9999)	18.00
	Labour:					
	Same as per item no. 5.29.1-B	Kg	1	644.44	(5.29.1-B)	644.44
	Sundries	1 time	10.35	1.80	(9999)	18.63
						5620.52
	Add for water charges @ 1 %					56.21
						5676.72
	Add GST 12% on "X"(multiplying factor 0.1405)					797.58
	Total					6474.30 (Y)
	Add for contractor's profit and over-heads @ 15%					971.15
	Cost of 100 kg					7,445.45
	Cost of 1 kg					74.45
	Add labour cess @ 1%					0.74
	Rate including labour cess					75.19
			Say	**₹75.20**	**Per Kg.**	
5.22.7D	**Thermo-Mechanically Treated bars (Fe-500) 16mm dia.**					
	Cold twisted bars					
	Details of cost for 1 quintal-					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Materials:					
	Deformed twisted					
	Steel bars 1.00q					
	Wastage @ 5% = 0.05 q					
	Total = 1.05 q	quintal	1.05	4491.50	.(1005D)	4716.08
	Carriage of steel 1.05/10=0.105 t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	LS	26.00	1.80	(9999)	46.80
	Labour:					
	Same as per item no. 5.29.1-B	Ls	1	644.44	(5.29.1-B)	644.44
	Sundries	1 time	26.91	1.80	(9999)	48.44
						5679.12
	Add for water charges @ 1 %					56.79
						5735.92
	Add GST 12% on "X"(multiplying factor 0.1405)					805.90
	Total					6541.81 (Y)
	Add for contractor's profit and over-heads @ 15%					981.27
	Cost of 100 kg					7,523.08
	Cost of 1 kg					75.23
	Add labour cess @ 1%					0.75
	Rate including labour cess					75.98
			Say	**₹76.00**	**Per Kg.**	
5.22.7E	**Thermo-Mechanically Treated bars (Fe-500) 20mm dia.**					
	Cold twisted bars					
	Details of cost for 1 quintal-					
	Materials:					
	Deformed twisted					
	Steel bars 1.00q					
	Wastage @ 5% = 0.05 q					
	Total = 1.05 q	quintal	1.05	4491.50	.(1005E)	4716.08
	Carriage of steel 1.05/10=0.105 t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	1 time	26.00	1.80	(9999)	46.80
	Labour:					
	Same as per item no. 5.29.1-B	Kg	1	644.44	(5.29.1-B)	644.44
	Sundries	1 time	26.91	1.80	(9999)	48.44
						5679.12
	Add for water charges @ 1 %					56.79
						5735.92
	Add GST 12% on "X"(multiplying factor 0.1405)					805.90
	Total					6541.81 (Y)
	Add for contractor's profit and over-heads @ 15%					981.27
	Cost of 100 kg					7,523.08
	Cost of 1 kg					75.23
	Add labour cess @ 1%					0.75
	Rate including labour cess					75.98
			Say	**₹76.00**	**Per Kg.**	
5.22.7F	**Thermo-Mechanically Treated bars (Fe-500) 25mm dia.**					
	Cold twisted bars					
	Details of cost for 1 quintal-					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Materials:					
	Deformed twisted					
	Steel bars 1.00q					
	Wastage @ 5% = 0.05 q					
	Total = 1.05 q	quintal	1.05	4491.50	.(1005F)	4716.08
	Carriage of steel 1.05/10=0.105 t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	LS	26.00	1.80	(9999)	46.80
	Labour:					
	Same as per item no. 5.29.1-B	Kg	1	644.44	(5.29.1-B)	644.44
	Sundries	LS	26.91	1.80	(9999)	48.44
						5679.12
	Add for water charges @ 1 %					56.79
						5735.92
	Add GST 12% on "X"(multiplying factor 0.1405)					805.90
	Total					6541.81 (Y)
	Add for contractor's profit and over-heads @ 15%					981.27
	Cost of 100 kg					7,523.08
	Cost of 1 kg					75.23
	Add labour cess @ 1%					0.75
	Rate including labour cess					75.98
			Say	**₹76.00**	**Per Kg.**	
5.22.7G	**Thermo-Mechanically Treated bars (Fe-500) 28mm dia.**					
	Cold twisted bars					
	Details of cost for 1 quintal-					
	Materials:					
	Deformed twisted					
	Steel bars 1.00q					
	Wastage @ 5% = 0.05 q					
	Total = 1.05 q	quintal	1.05	4491.50	.(1005G)	4716.08
	Carriage of steel 1.05/10=0.105 t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	LS	26.00	1.80	(9999)	46.80
	Labour:					
	Same as per item no. 5.29.1-B	Kg	1	644.44	(5.29.1-B)	644.44
	Sundries	LS	26.91	1.80	(9999)	48.44
						5679.12
	Add for water charges @ 1 %					56.79
						5735.92
	Add GST 12% on "X"(multiplying factor 0.1405)					805.90
	Total					6541.81 (Y)
	Add for contractor's profit and over-heads @ 15%					981.27
	Cost of 100 kg					7,523.08
	Cost of 1 kg					75.23
	Add labour cess @ 1%					0.75
	Rate including labour cess					75.98
			Say	**₹76.00**	**Per Kg.**	
5.22.7H	**Thermo-Mechanically Treated bars (Fe-500) 32mm dia.**					
	Cold twisted bars					
	Details of cost for 1 quintal-					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Materials:					
	Deformed twisted					
	Steel bars 1.00q					
	Wastage @ 5% = 0.05 q					
	Total = 1.05 q	quintal	1.05	4491.50	.(1005H)	4716.08
	Carriage of steel 1.05/10=0.105 t	tonne	0.105	0.00	(2205)	0.00
	Binding wire	kilogram	5.00	44.67	(7335)	223.37
	Cover block	1 time	26.00	1.80	(9999)	46.80
	Labour:					
	Same as per item no. 5.29.1-B	Kg	1	644.44	(5.29.1-B)	644.44
	Sundries	1 time	26.91	1.80	(9999)	48.44
						5679.12
	Add for water charges @ 1 %					56.79
	Total					5735.92 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					805.90
	Total					6541.81 (Y)
	Add for contractor's profit and over-heads @ 15%					981.27
	Cost of 100 kg					7,523.08
	Cost of 1 kg					75.23
	Add labour cess @ 1%					0.75
	Rate including labour cess					75.98
			Say	**₹76.00**	**Per Kg.**	

5.22.7 l Hard drawn steel wire fabric

	Details of cost for 1 quintal- MATERIAL					
	Hard drawn steel wire fabric 100kg, 7.75kg per sqm = 12.903 sqm.					
	Add 5% wastage = 0.645 sqm.					
	Total =13.548 sqm					
1021	Hard drawn steel wire fabric	sqm	13.55	372.29	1021	5043.78
2205	Carriage of Steel	tonne	0.11	96.07	2205	10.09
9999	Cover block	L.S.	26.00	1.80	9999	46.80
	LABOUR					
	For cutting and laying in position.					
103	Blacksmith 2nd class	day	0.20	448.00	0103	89.60
114	Beldar	day	1.50	368.00	0114	552.00
9999	Sundries and binding wire	L.S.	13.52	1.80	9999	24.34
	Total					5766.60
	Add for water charges @ 1 %					57.67
	Total					5824.27 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					818.31
	Total					6642.57 (Y)
	Add for contractor's profit and over-heads @ 15%					996.39
	Cost of 100 kg					7,638.96
	Cost of 1 kg					76.39
	Add labour cess @ 1%					0.76
	Rate including labour cess					77.15
			Say	**₹77.10**	**Per Kg.**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
5.23	**Extra for RCC work in superstructure above floor V level for each four floors or part there of.**					
	Details of cost for per cum					
	Extra labour element required for lifting of materials 0.75x2.00=1.50					
	Coolies	per day	1.5	265.00	(0115)	397.50
	Add for water charges @ 1%					3.975
	Total					401.48 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					56.41
	Total					457.88 (Y)
	Add for contractor's profit and over-heads @ 15%					68.68
	Cost of 1 cum					526.56
	Add labour cess @ 1%					5.27
	Rate including labour cess					531.83
			Say	**₹531.80**	**Per cum**	
5.23A	**Smooth finishing of the exposed surface of R.C.C. work with 6 mm thick cement mortar 1:3 (1 Cement : 3 fine sand).**					
	Details of cost for 10sqm.					
	MATERIAL					
	Cement mortar 1 : 3 (1 cement : 3 fine sand)					
2113	Rate as per item No 3.3 of SH: Mortars	cum	0.07	2534.72		182.50
155	Mason (average)	day	0.51	305.00		155.55
115	Coolie	day	0.75	265.00		198.75
101	Bhisti	day	0.92	277.00		254.84
9999	Extra for removing burrs, cleaning with wire brushes pock marking with pointed tool etc.complete	L.S.	13.39	1.80		24.10
9999	Scaffolding and Sundries	L.S.	11.70	1.80		21.06
	TOTAL					836.80
	Add 1 % Water charges					12.38
	Total					849.18 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					119.31
	Total					968.49 (Y)
	Add for contractor's profit and over-heads @ 15%					145.27
	Cost of 10 Sqm.					1113.77
	Cost per sqm.					111.38
	Add labour cess @ 1%					1.11
	Rate including labour cess					112.49
			Say	**₹112.50**	**Per sqm**	

5.24 Extra for rendering smooth the top of suspended floors, landings and staircases (treads and risers) with cement mortar 1:2(1 cement:2 coarse sand) including a floating coat of neat cement and protecting the surface with a layer of 7.5cm of earth laid over 15 mm of fine sand in case of suspended floor and bricks laid in mud mortar in case of landings and steps including subsequent removal and cleaning of the same.

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Details of cost for 10 sqm=					
	Materials:					
	Cement mortar 1:2(1cement:2 coarse sand)					
	finishing (floating coat)	cum	0.03	4157.64	(2111)	124.73
	Cement	tonne	0.0213	5474.00	(0367)	116.60
	Carriage of cement	tonne	0.0213	0.00	(2209)	0.00
	Labour:					
	Mason I class-	per day	0.20	342.00	(0123)	68.40
	Mason II class	per day	0.20	305.00	(0124)	61.00
	Beldar	per day	0.25	254.00	(0114)	63.50
	Spreading earth on floor (7.5 mm thick)	LS	35.49	1.80	(9999)	63.88
	Spreading sand 15 mm thick on floor -					
	Course sand	cum	0.15	160.69	(0982)	24.10
	Carriage of sand	cum	0.15	0.00	(2261)	0.00
	Labour					
	Disposal of earth spread over floor protection	LS	5.33	1.80	(9999)	9.59
	Sundries	LS	6.24	1.80	(9999)	11.23
						543.04
	Add for water charges @ 1 %					5.43
	Total					548.47 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					77.06
	Total					625.53 (Y)
	Add for contractor's profit and over-heads @ 15%					93.83
	Cost of 10 sqm					719.36
	Cost of 1 sqm					71.94
	Add labour cess @ 1%					0.72
	Rate including labour cess					72.66
			Say	**₹72.70**	**Per sqm**	
5.25	**Providing and fixing in position copper plate as per design for expansion joints.**					
	Details of cost for 3 m length, width 250 mm and 1.6 mm thick =0.750 sqm-					
	Weight of copper plate @ 14.08 kg per sqm=10.56 kg.	kilogram	10.56	260.60	(0967)	2751.96 (A)
	Labour:					
	For making the required shape and placing in position					
	Blacksmith II class	per day	0.25	305.00	(0103)	76.25 (A)
	Sundries and carriage etc.	LS	6.24	1.80	(9999)	11.23 (A)
						2839.44 (A)
	Bitumen mix filler		0.0005	151.99	(5.35)	0.08
	Add for water charges @ 1 % on A oniy					28.39 (B)
	Total					2867.92 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					402.94
	Total					3270.86 (Y)
	Add for contractor's profit and over-heads @ 15% on A+B					490.63
	Cost of 10.56 kg					3761.49
	Cost of 1 kg					356.20
	Add labour cess @ 1%					3.56
	Rate including labour cess					359.76
			Say	**₹359.80**	**Per Kg**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
5.26	**Providng and filling in position, blown bitumen in expansion joints.**					
	Details of cost for a joint-2.5 cm wide 15 cm deep and 300 m in length-					
	Cubical content of joint-					
	300x0.025x0.150=1.125 cum					
	Materials:					
	Bitumen 85/25 @ 1050 kg per cum					
	1.25x1050 kg. =1181.25 kg					
	Add wastage @5% =59.06kg					
	=1240.31kg =1.240 t	tonne	1.24	32166.73	(0313)	39886.7
	Carriage of bitumen	tonne	1.24	106.24	(2211)	131.74
	Steam coal for heating of bitumen @ 2.0 quintal per tonne of bitumen.					
	1.24x2.0=2.48q=0.248 t	quintal	2.48	372.29	(0370)	923.28
	Carriage of steam coal	tonne	0.248	400.00	(2200)	99.20
	Labour for heating, mixing and filling-					
	Mason 1st class	per day	2.52	342.00	(0123)	861.84 (C)
	Mason 2nd class	per day	2.52	305.00	(0124)	768.60 (C)
	Beldar	per day	8.06	254.00	(0114)	2047.24 (C)
	Sundries	LS	121.16	1.80	(9999)	218.09 (C)
						44936.73
	Add for water charges @ 1%					449.37
	total					45386.10 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					6376.75
	Total					51762.84 (Y)
	Add for contractor's profit and over-heads @ 15%					7764.43
	Cost of 11250 cum ie, 300m long 2 5cm wide 15cm deep					59527.27
	Cost of 100 m L x 1cm W x 1cm D					529.13
	Add labour cess @ 1%					5.29
	Rate including labour cess					534.42
		Say Rs.	**₹534.40** per 100m L x 1cm W x 1cm D			
5.27	**Providing and filling in position bitumen mix filler of Proportion 80 kg of hot bitumen, 1 kg. of cement and 0.25 cubicmetre of coarse sand for expansion joints.**					
	Details of cost for a joint 2.5 cm wide 15 cm deep and 300 m in length-					
	Cubical contents of joints					
	300x0.150x0.025=1.125 cum					
	Material:					
	Paving bitumen of grade VG-10 of approved					
	Bitumen s-90=256.30 kg per cum					
	256.30x1.125=288.34 kg					
	Add for wastage @ 5%= 14.42 kg					
	302.76 kg. or=0.303 tonne	tonne	0.303	27549.41	(0309`)	8347.47
	Carriage of bitumen	tonne	0.303	106.64	(2211)	32.31
	Steam coal for heating of bitumen @ 2.0 quintal					
	per tonne of bitumen i.e. 0.303x2.0=0.606 q	quintal	0.606	372.29	(0370)	225.61
	Carriage of steam coal	tonne	0.061	400.00	(2200)	24.40
	Cement:					
	1/80x288.34=3.6 kg=0.0036 Tonne	tonne	0.0036	5474.00	(0367)	19.71
	Total					8649.50
						8649.50
	Carriage of cement	tonne	0.0036	0.00	(2209)	0.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	coarse sand 1/4th of the quantity of cement in kg =3.6/4=0.90 cum	cum	0.90	160.69	(0982)	144.62
	Carriage of coarse sand	cum	0.90	0.00	(2203)	0.00
	Labour for heating and filling: 100mLx1cmWx1cmD Same as © in item No. 5.34		1.00	3895.77	(5.34-C)	3895.77
	Sundries	LS	121.16	1.80	(9999)	218.09
	Total					12907.97
	Add for water charges @ 1 %					129.08
	Total					13037.05 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1831.71
	Total					14868.76 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					2230.31
	Total					17099.07
	Cost of 300m length 2.5cm width and 15cm depth Cost of per 100m length per cm width					151.992
	Add labour cess @ 1%					1.52
	Rate including labour cess					153.51
		Say Rs.	**₹153.51** per 100mLx1cmWx1cmD			

5.28 Providing and fixing in position 12 mm thick bitumen imregnated fibre board conforming to IS: 1838 including cost of primer, sealing compound Grade-A in expansion joints.

Details of cost for joint 100 m long 10 cm deep and 12mm thck.					
Material:					
(i) Impregnated fiore board 1x100x0.075=7.5 sqm	sqm	7.50	325.75	(0339)	2443.15
(ii) Primer @ 80.m per litre foi 100 m =100/80x1=1.25 litre.	litre	1.25	46.54	(0316)	58.17
(iii) Sealing compound @ 3 m per litre, for 100 m =100/3x1=33.3 litres					
Wastage @5% =1.67 lire					
35.00 litre					
(1 litre=0.9 kg)=35.00x0.9=31.5 kg.	kilogram	31.50	26.06	(0314)	820.9
Carriage	1 time	10.35	1.80	(9999)	18.63
Labour:					
Mason I class	per day	0.12	342.00	(0123)	41.04
Mason ll class	per day	0.12	305.00	(0124)	36.60
Beldar	per day	0.25	254.00	(0114)	63.50
Sundries	1 time	10.35	1.80	(9999)	18.63
					3500.62
Add for water charges @ 1 %					35.01
Total					3535.62 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					496.76
Total					4032.38 (Y)
Add for contractor's profit and over-heads @ 15%					604.86
Cost of 1000 sqm ie, 100m length 10cm depth					4637.24
Cost of 100 m Length x 1cm depth					463.724
Add labour cess @ 1%					4.64
Rate including labour cess					468.36
	Say Rs.	**₹468.40** per 100mLx1cmD			

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
5.29	**Providng and fixing sheet covering over expansion joints with iron screws as per design to match the colour/shade of wall treatment.**					
5.29.1	**Non -Asbestos Fibre cement board 6 mm thickas per IS:14862**					
5.29.1.1	**150 mm wide**					
	Details of cost for 3m length					
	Materials:					
	Non - Asbestos multi purpose fibre (high impact poly propelene reinforced) cement board 6mm thick.					
	3m x 15 cm wide =0.45 sqm					
	Add for wastage @ 5%=0.02					
	0.47	sqm	0.47	195.45	(0236)	91.86
	Carriage of sheets-					
	0.45 sqm=2.0049 tonne	tonne	0.0049	96.07	(2273)	0.47
						92.33
						92.33
	50 mm iron sscrews with washer and rawl plugs	LS	40.3	1.80	(9999)	72.54
	Labour:					
	Carpenter 2nd class	per day	0.2	305.00	(0112)	61.00
	Beldar	per day	0.2	254.00	(0114)	50.80
						276.67
	Add for water charges @ 1 %					2.77
	Total					279.44 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					39.26
	Total					318.70 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					47.81
	Cost of 3 m					366.51
	Cost of 1 m					122.17
	Add labour cess @ 1%					1.22
	Rate including labour cess					123.39
			Say	**₹123.40** per meter		
5.29.1.2	**200mm wide**					
	Details of cost for 3m length					
	Materials:					
	Non - Asbestos multi purpose fibre (high impact poly propelene reinforced) cement board 6mm thick.					
	3m x 20 cm wide =0.60 sqm					
	Add for wastage @ 5%=0.03 sqm					
	0.63	sqm	0.63	195.45	(0236)	123.13
	Carriage of sheets-					
	0.60sqm=0.0065 tonne	tonne	0.0065	96.07	(2273)	0.62
	50 mm iron screws with washer and rawl plugs	LS	53.82	1.80	(9999)	96.88
	Labour:					
	Carpenter 2nd class	per day	0.27	305.00	(0112)	82.35
	Beldar	per day	0.27	254.00	(0114)	68.58
						371.57
	Add for water charges @ 1 %					3.72

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					375.28 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					52.73
	Total					428.01 (Y)
	Add for contractor's profit and over-heads @ 15%"Y"					64.20
	Cost of 3 m					492.21
	Cost of 1 m					164.07
	Add labour cess @ 1%					1.64
	Rate including labour cess					165.71
			Say	**₹165.70** per meter		
5.29.2	**Aluminium fluted strps 3.15 mm thick**					
5.29.2.1	**150 mm wide.**					
	Details of cost for 1 metre					
	Materials:					
	3.15 mm thick aluminium fluted strips - 1m x15 cm wide	metre	1.00	212.20	(2391)	212.20
	Iron screws 25 mm	100 Nos	0.06	34.44	(0639)	2.07
	Carriage of materials	LS	1.04	1.80	(9999)	1.87
	Labour:					
	Carpenter 2nd class	per day	0.067	305.00	(0112)	20.44
	Beldar	per day-	0.067	254.00	(0114)	17.02
	Sundries	**LS**	**1.82**	**1.80**	**(9999)**	**3.28**
						256.87
	Add for water charges @ 1 %					2.57
	Total					259.44 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					36.45
	Total					295.89 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					44.38
	Cost of 1 m					340.28
	Add labour cess @ 1%					340.28
	Rate including labour cess					3.40
						343.68
			Say	**₹343.70 per meter**		
5.29.2.2	**200 mm wide**					
	Details of cost for 1 metre					
	Materials:					
	3.15 mm thick alu inium fluted strips 1mx20 cm wide	metre	1.00	300.62	(2392)	300.62
	Iron screws 25 mm	100 Nos	0.06	34.44	(0639)	2.07
	Carriage of materials	1 time	1.30	1.80	(9999)	2.34
	Labour:					305.03
						305.03
	Carpenter 2nd class	per day	0.089	305.00	(0112)	27.15
	Beldar	per day	0.089	254.00	(0114)	22.61
	Sundries	1 time	2.34	1.80	(9999)	4.21
						358.99
	Add for water charges @ 1 %					3.59
						362.58 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					50.94

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					413.53 (Y)
	Add for contractor's profit and over-heads @ 15%					62.03
	Cost of 1 m					475.55
	Add labour cess @ 1%					4.76
	Rate including labour cess					480.31
			Say	**₹480.30** per meter		

5.30 Add or deduct for plaster drip course/groove in plastered surface or moulding to R.C.C.

projections.

Details of cost for 30 metre long throating or plaster or moulding-					
Labour:					
Mason 1st class	per day	0.50	342.00	(0123)	171.00
Mason lind class	per day	0.50	305.00	(0124)	152.50
Coolie	per day	1.00	265.00	(0115)	265.00
Add for materials (cement mortar etc.)	LS	26.91	1.80	(9999)	48.44
					636.94
Add for water charges @ 1%					6.37
					643.31 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					90.38
Total					733.69 (Y)
Add for contractor's profit and over-heads @ 15%					110.05
Cost of 30 m					843.75
Cost of 1 m					28.12
Add labour cess @ 1%					0.28
Rate including labour cess					28.40
		Say	**₹28.40** per meter		

5.31 Extra for laying reinforced cement concrete in or under water and/or liquid mud including cost or pumping or bailing out water and removing slush etc. complete.

Note:- The quantity will be calculated by multiplying the depth measured from the subsoil water level upto the centre of gravity of the R.C.C. under subsoil water with the quantity of R.C.C. in cubic metre executed under subsoil water. The depth of centre of gravity shall be recorded correct to 0.1 m. 0.05 m or more shall be taken as 0.1 and less than 0.05 m ignored. No extra payment shall be made for placing reinforcement or centering & shuttering under subsoil water conditions.

Details of cost for depth of water0.3 m					
Quantity of concrete=14 cum					
Analysis same as per item number 4.15					
pumping hour=3 hrs.or 0.375 day.					
Higher charges of pumpset of capacity 4000 liters/hrs.					
	Per day	0.375	650.00	(0011)	243.75
Beldar for clearing slush	per day	4.00	254.00	(0114)	1016.00
					1259.75
Add fcr water charges @ 1%					12.60
Total					1272.35 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					178.76
Total					1451.11 (Y)
Add for contractor's profit and over-heads @ 15%					217.67

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 14 *cum per 0.3m depth*					1668.78
	Cost of 1 cum per m depth					397.33
	Add labour cess @ 1%					3.97
	Rate including labour cess					401.30
			Say	**₹401.30**	**per cum per m**	

Note for item No. 5.31*
The quantity will be calculated by multiplying the depth measured form the sub-soil water level upto centre of graity water level with quantity of concrete in cum of concrete under sub-soil water. executed uder sub-soil water. The depth of centre of gravity shall be reckoned correct to 0.1 m. 0.05 m or more shall be taken as 0.1 m and lesss than 0.05 m ignored.

5.32 **Extra for laying reinforced cement concrete in or under foul positions.**

Details of cost for 1 cum.					
Analysis same as per item number 4.16					
Extra labour due to slow progress					
Mason (brick layer) 1 st class	day	0.02	342.00	123.00	6.84
Mason (brick layer) 2nd class	day	0.02	305.00	124.00	6.10
Beldar	day	0.25	254.00	114.00	63.50
Coolie	day	0.15	265.00	115.00	39.75
TOTAL					116.19
Add Water Charges @ 1%					1.16
TOTAL					117.35 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					16.49
Total					133.84 (Y)
Add CPOH @ 15%					20.08
Cost of 1 cum					**153.92**
Add labour cess @ 1%					1.54
Rate including labour cess					155.46
		Say	**₹155.50**		

5.33A Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforcd cement concrete

5.33A.1 All work upto plinth level

Details of cost for 1 cum					
Materials:					
Stone Aggregate (Single size) : 20 mm nominal size	cum	0.57	556.33	(0295)	317.11
Stone Aggregate (Single size) :10 mm nominal size	cum	0.28	620.42	(0297)	173.72
Carriage of aggregate	cum	0.85	0.00	(2202)	0.00
Coarse sand	cum	0.425	160.69	(0982)	68.29
Carriage of coarse sand	cum	0.425	0.00	(2203)	0.00
Cement	tonne	0.383	5474.00	(0367)	2096.54
Carriage of cement	tonne	0.383	0.00	(2209)	0.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Labour for mixing.pouring.consolidating and curing:					
	Mason	per day	0.17	305.00	(0155)	51.85
	Beldar	per day	2.00	254.00	(0114)	508.00
	Bhisti	per day	0.90	277.00	(0101)	249.30
	Mixer	Per day	0.07	800.00	(0002)	56.00
	Vibrator	Per day	0.07	350.00	(0012)	24.50
	Batching plant centrally mounted heavy duty chute and equipment for conveying batched material	LS	50.00	1.80	(9999)	90.00
	Sundries	LS	25.00	1.80	(9999)	45.00
						3680.31
	Add for water charges @ 1 %					36.80
						3717.11
	Add GST 12% on "X"(multiplying factor 0.1405)					522.25
	Total					4239.37 (Y)
	Add for contractor's profit and over-heads @ 15%					635.91
	Cost of 1 cum					4875.27
	Add labour cess @ 1%					48.75
	Rate including labour cess					4924.02
			Say	**₹4924.00**	**per cum**	
5.33A.2	**All work from plinth level upto floor V level**					
5.33A.2.1	**Walls columns, pillars, posts and struts**					
	Details of cost for 9.18 cum					
	Materials-					
	Stone aggregate 20mm	cum	5.23	556.33	(0295)	2909.61
	Stone aggregate 10 mm	cum	2.57	620.42	(0297)	1594.48
	Carriage of aggregate	cum	7.80	0.00	(2202)	0.00
	Coarse sand	cum	3.90	160.69	(0982)	626.69
	Carriage of sand	cum	3.90	0.00	(2203)	0.00
	Cement	tonne	3.52	5474.00	(0367)	19268.48
	Carriage of cement .	tonne	3.52	0.00	(2209)	0.00
	Labour:					
	Beldar	per *day*	11.29	254.00	(0114)	2867.66
	Coolie	per day	7.53	265.00	(0115)	1995.45
	Bhisti	per day	8.26	277.00	(0101)	2288.02
	Mason Ist class	per day	0.92	342.00	(0123)	314.64
	Mason llnd class	per day	0.92	305.00	(0124)	280.60
	Mixer	Per day	0.64	800.00	(0002)	512.00
	Vibrator	Per day	0.64	350.00	(0012)	224.00
	Batching plant, centrally maounted heavy duty chute and equipment for converymy batched material	1 time	460.00	1.80	(9999)	828.00
	Sundries	1 time	230.00	1.80	(9999)	414.00
						34123.63
	Extra labour for lifting of material					34123.63
	Average 3/2 floor=1.5					
	1.5x0.75x9.18	per day	10.35	265.00	(0115)	2742.75
						36866.38
	Add for water charges @ 1 %					368.66

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
						37235.04
	Add GST 12% on "X"(multiplying factor 0.1405)					5231.52
	Total					42466.56 (Y)
	Add for contractor's profit and over-heads @ 15%					6369.98
	Cost of 9.18 cum					48836.55
	Cost of 1 cum					5319.89
	Add labour cess @ 1%					53.20
	Rate including labour cess					5373.09
			Say	**₹5373.10**	**per cum**	

5.33A.2.2 Beams, planth beams, girders, bressumers. contilevers, Suspended floors lintels roofs and staircases including spiral staircases, shelves etc.

Details of cost for 1 cum					
Materials:					
Stone aggregate 20 mm	cum	0.57	556.33	(0295)	317.11
Stone aggregate 10 mm	cum	0.28	620.42	(0297)	173.72
Carriage of aggregate	cum	0.85	0.00	(2202)	0.00
Coarse sand	cum	0.424	160.69	(0982)	68.13
Carriage of sand	cum	0.425	0.00	(2203)	0.00
Cement	tonne	0.383	5474.00	(0367)	2096.54
Carriage of cement	tonne	0.383	0.00	(2209)	0.00
Labour:					
Mason	per day	0.20	305.00	(0155)	61.00
Beldar	per day	3.00	254.00	(0114)	762.00
Bhisti	per day	0.90	277.00	(0101)	249.30
Mixer	Per day	0.07	800.00	(0002)	56.00
Vibrator	Per day	0.07	350.00	(0012)	24.50
Sundries	1 time	5.50	1.80	(9999)	9.90
Batching plant, centrally mounted heavy duty chute and equipment for converying batched materials	1 time	50.00	1.80	(9999)	90.00
Sundries	1 time	25.00	1.80	(9999)	45.00
Extra labour for lifting of material (above plinth upto V level) Average 3/2 floor=1.5	per day	1.13	265.00	(0115)	299.45
					4252.65
Add for water charges @ 1 %					42.53
Total					4295.18
Add GST 12% on "X"(multiplying factor 0.1405)					603.47
Total					4898.65 (Y)
Add for contractor's profit and over-heads @ 15%					734.80
Cost of 1 cum					5633.45
Add labour cess @ 1%					56.33
Rate including labour cess					5689.78
		Say	**₹5689.80**	**per cum**	

5.33A.3 Extra for R.C.C work above floor V level for each four floors or part there of.

Details of cost for 1 cum
Labour :
Extra labour required for lifting Average floor level =2.5

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	0.75x2.0=1.50	per day	1.50	265.00	(0115)	397.50	
	Add for water charges @ 1 %					3.98	
						401.48	X
	Add GST 12% on "X"(multiplying factor 0.1405)					56.41	
	Total					457.88	(Y)
	Add for contractor's profit and over-heads 15%					68.68	
	Cost of 1 cum					526.56	
	Add labour cess @ 1%					5.27	
	Rate including labour cess					531.83	
			Say	**₹531.80**	**per cum**		
5.33B	**Add or deduct for providing richer or leaner mixes respectively at all floor levels.**						
5.33B.1	**Proiding M-25 grade R.C.C. instead of M-20 grade**						
	R.C.C.						
	Details of cost for 1 cum						
	Cement for M-25 mix=0.410t						
	Cement for M-20 mix=0.383 t						
	Differene =0.027 t	tonne	0.027	5474.00	(0367)	147.80	
	Carriage of cement	tonne	0.027	0.00	(2209)	0.00	
	Add for water charges @ 1 %					1.48	
	Total					149.28	X
	Add GST 12% on "X"(multiplying factor 0.1405)					20.97	
	Total					170.25	(Y)
	Add for contractor's profit and over-heads @ 15%					25.54	
	Cost of 1 cum					195.79	
	Add labour cess @ 1%					1.96	
	Rate including labour cess					197.75	
			Say	**₹197.70**	**per cum**		
5.33B.2	**Providing M-30 grade R.C.C. instead of M-20 grade R.C.C.**						
	Details of cost for 1 cum						
	Cement for M-30 mix=0.420 t						
	Cement for M-20 mix =0.383 t						
	Difference cement	tonne	0.037	5474.00	(0367)	202.54	
	Carriage of cement	tonne	0.037	0.00	(2209)	0.00	
	Add for water charges @ 1 %					2.03	
						204.56	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					28.74	
	Total					233.30	(Y)
	Add for contractor's profit and over-heads @ 15%					35.00	
	Cost of 1 cum					268.30	
	Add labour cess @ 1%					2.68	
	Rate including labour cess					270.98	
			Say	**₹271.00**	**per cum**		
5.33B.3	**Providing M-35 grade R.C.C. instead of M-20 grade R.C.C.**						
	Details of cost for 1 cum.						
	Cement for M-35 mix=0.428 t						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cement for M-20 mix=0.383 t					
	Defferene = 0.045 t	tonne	0.045	5474.00	(0367)	246.33
	Carriage of cement	tonne	0.045	0.00	(2209)	0.00
	Add for water charges @ 1 %					2.46
	Total					248.79 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					34.96
	Total					283.75 (Y)
	Add for contractor's profit and over-heads @ 15%					42.56
	Cost of 1 cum					326.31
	Add labour cess @ 1%					3.26
	Rate including labour cess					329.57
			Say	**₹329.57**	**per cum**	

5.33B.4 Providing M-15 grade R.C.C. instead of M-20

grade R.C.C.					
Details of cost for 1 cum					
Cement for M-15 mix=0.320 t					
Cement for M-20rnix=0.383 t					
Difference -0.063 t	tonne	0.063	5474.00	(0367)	344.86
Carriage of cement	tonne	0.063	0.00	(2209)	0.00
Add for water charges @ 1%					3.45
Total					348.31 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					48.94
Total					397.25 (Y)
Add for contractor's profit and over-heads @ 15%					59.59
Cost of 1 cum					456.84
Add labour cess @ 1%					4.57
Rate including labour cess					461.41
		Say	**₹461.40**	**per cum**	

Note;- Actual weight for design mix will be worked out taking into consideration the cement requirement as per particular design mix.

Design Mix Concrete

5.33 Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cementcontent as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and including retard setting of concrete, improve workability without impairing strength andadmixtures in recommended proportions as per IS: 9103 to accelerate,reinforcement,durability as per direction of Engineer-in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.

5.33.1 **All works up to plinth level**

Description	Unit	Quantity		Code	
Details of cost for 1.00 cum					
Materials.					
Stone Aggregate 20 mm.	cum	0.57	556.33	0295	317.11
Stone aggregate 10mm	cum	0.28	620.42	0297	173.72
Carriage of aggregate.	cum	0.85	0	2202	0.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Coarse sand	cum	0.425	160.69	0982	68.29
	Carriage of Coarse sand	cum	0.425	0	2203	0.00
	Cement	tonne	0.33	5474.00	0367	1806.42
	Carriage of Cement	tonne	0.33	0	2209	0.00
	Plasticizer 0.50% of cement	kilogram	1.65	35.37	7318	58.36
	Production cost, pumping to respective floors and laying in position					
	Production cost of concrete by batch mix plant	cum	1.00	400.00	0004	400.00
	Pumping charges of concrete.	cum	1.00	200.00	0009	200.00
	Labour for pouring, consolidating & curing					
	Mason	Day	0.17	305.00	0155	51.85
	Beldar	Day	2.00	254.00	0114	508.00
	Bhisti	Day	0.90	277.00	0101	249.30
	Vibrator	Day	0.07	350.00	0012	24.50
	Sundries	L.S.	13.00	1.80	9999	23.40
	Total					3880.95
	Add 1% for water charges.					38.81
	Total					3919.75 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					550.73
	Total					4470.48 (Y)
	Add 15% for contractor's profit and overheads on "Y"					670.57
	Cost per 1.00 cum					5141.05
	Add labour cess @ 1%					**51.41**
	Rate including labour cess					5192.46
	Say		**Say**	**₹5192.50**	**per cum**	

5.33.2: **Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cementcontent as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and including retard setting of concrete, improve workability without impairing strength andadmixtures in recommended proportions as per IS: 9103 to accelerate,reinforcement,durability as per direction of Engineer-in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.**

5.33.2 **All work above Plinth level upto floor V Level.**

Description

Details of cost for 1.00 cum					
Materials.					
Stone Aggregate 20 mm.	cum	0.57	556.33	0295	317.11
Stone aggregate 10mm	cum	0.28	620.42	0297	173.72
Carriage of aggregate.	cum	0.85	0	2202	0.00
Coarse sand	cum	0.425	160.69	0982	68.29
Carriage of Coarse sand	cum	0.425	0	2203	0.00
Cement	tonne	0.33	5474.00	0367	1806.42
Carriage of Cement	tonne	0.33	0	2209	0.00
Plasticizer 0.50% of cement	kilogram	1.65	35.37	7318	58.36
Production cost, pumping to respective floors and laying in position					
Production cost of concrete by batch mix plant	cum	1.00	400.00	0004	400.00
Pumping charges of concrete.	cum	1.00	200.00	0009	200.00
Labour for pouring, consolidating & curing					
Mason	Day	0.17	305.00	0155	51.85
Beldar	Day	2.00	254.00	0114	508.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Bhisti	Day	0.90	277.00	0101	249.30	
	Vibrator	Day	0.07	350.00	0012	24.50	
	Sundries	L.S.	13.00	1.80	9999	23.40	
	Extra labour for lifting up to floor five level 0.75 x 2.5 = 1.88 Coolie		1.88	265.00	0115	498.20	
	Total					4379.15	
	Add 1% for water charges.					43.79	
	Total					4422.94	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					621.42	
	Total					5044.36	(Y)
	Add 15% for contractor's profit and overheads on "Y"					756.65	
	Cost per 1.00 cum					5801.01	
	Add labour cess @ 1%					58.01	
	Rate including labour cess					5859.02	
	Say		**Say**	**₹5859.00**	**per cum**		

5.34 : **Add or deduct for providing richer or leaner mixes respectively at all floor levels.**

5.34.1 : **Providing M-30 grade concrete by using 340kg /m3 of Cement per cum of concrete instead of M-25 grade B.M.C./Rmc.**

Note:- Excess/ less cement over the specified cement content used is payable/recoverable separately.

Details of cost for 1 cum.						
Cement for M-30 mix = 0.340 t						
Cement for M-25 mix = 0.330 t						
Difference 0.010t	tonne	0.01	5474.00	0367	54.74	
Carriage of Cement	tonne	0.01	0	2209	0.00	
Plasticizer for M-30 mix = 2.00 Kg						
Plasticizer for M-25 mix = 1.90 Kg						
Difference =0.10 kg.						
Plasticizer / super plasticizer	kilogram	0.10	35.37	7318	3.54	
TOTAL					58.2767489	
Add 1% for water charges.					0.58	
Total					58.86	(X)
Add GST 12% on "X"(multiplying factor 0.1405)					8.27	
Total					67.13	(Y)
Add 15% for contractor's profit and overheads on "Y"					10.07	
Cost per 1.00 cum					77.20	
Add labour cess @ 1%					0.77	
Rate including labour cess					77.97	
Say		**Say**	**₹78.00**	**per cum**		

5.34.2 Providing M-35 grade concrete by using 350kg /m3 of cement per cum of concrete instead of M-25 grade B.M.C./R.M.CL

Details of cost for 1 cum.
Cement for M-35 mix = 0.350 t
Cement for M-25 mix = 0.330 t

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Difference 0.020 t	tonne	0.02	5474.00	0367	109.48
	Carriage of cement	tonne	0.02	0	2209	0.00
	Plasticizer for M-35 mix = 2.103 Kg					
	Plasticizer for M-25mix = 1.90 Kg					
	Difference =0.203 kg.					
	Plasticizer / super plasticizer	kilogram	0.203	35.37	7318	7.18
	TOTAL					116.66
	Add 1% for water charges.					1.17
	Total					117.83 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					16.55
	Total					134.38 (Y)
	Add 15% for contractor's profit and overheads on "Y"					20.16
	Cost per 1.00 cum					154.54
	Add labour cess @ 1%					1.55
	Rate including labour cess					156.09
	Say		**Say**	**₹156.10**	**per cum**	
5.34.3	**Providing M-40 grade concrete by using 360kg /m3 of cement per cum of concrete instead of M-25 grade B.M.C./R.M.CL**					
	Description	**Unit**	**Quantity**	rate	**Code**	
	Details of cost for 1 cum.					
	Cement for M-35 mix = 0.360t					
	Cement for M-25 mix = 0.330 t					
	Difference 0.030 t	**tonne**	**0.03**	5474.00	0367	164.22
	Carriage of cement	tonne	0.03	0	2209	0.00
	Plasticizer for M-35 mix = 2.135 Kg					
	Plasticizer for M-25mix = 1.90 Kg					
	Difference =0.235 kg.					
	Plasticizer / super plasticizer	kilogram	0.235	35.37	7318	8.31
	TOTAL					172.53136
	Add 1% for water charges.					1.73
	Total					174.26 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					24.48
	Total					198.74 (Y)
	Add 15% for contractor's profit and overheads on "Y"					29.81
	Cost per 1.00 cum					228.55
	Add labour cess @ 1%					2.29
	Rate including labour cess					230.84
	Say		**Say**	**₹230.80**	**per cum**	
5.35	**Add for using extra cement in the items of design mix over and above the specified cement content therein.**					
	Details of cost for 1 qunital					
	Portland Cement tonne		0.10	5474.00	0367	547.40
	Carriage of cement tonne		0.10	0.00	2209	0.00
	TOTAL					547.40
	Add Water Charges @ 1%					5.47
	TOTAL					552.87 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					77.68
	Total					630.55 (Y)
	Add CPOH @ 15% on "Y"					94.58
	Cost of 1 quintal					725.14
	Add labour cess @ 1%					7.25

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Rate including labour cess					732.39
			Say	**₹732.40**	**per quintel**	

5.37.1 Providing and laying in position ready mixed concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. M-25 grade Reinforced cement concrete by using 330 kg of cement per cum of concrete. All works up to Plinth level

Description	**Unit**	**Quantity**	Rate	**Code**	
Details of cost for 1.00 cum.					
Materials:					
Stone aggregate 20mm	cum	0.57	556.33	0295	317.11
Stone aggregate 10 mm	Cum	0.28	620.42	0297	173.72
Carriage of aggregate	Cum	0.85	0	2202	0.00
Coarse sand	Cum	0.425	160.69	0982	68.29
Carriage of Coarse sand	Cum	0.425	0	2203	0.00
Cement	Tonne	0.33	5474.00	0367	1806.42
Carriage of Cement	Tonne	0.33	94.8	2209	31.28
Plasticizer 0.50% of cement	Kilogram	1.65	35.37	7318	58.36
Production Cost, carriage to site, pumping to respective floors and laying in position	Cum				
Production Cost	km/Cum	1.00	400.00	0004	400.00
Carriage of concrete by transit mixer.	Cum	10.00	23.00	0029	230.00
Pumping charges of concrete including hire Charges of pump, piping work & accessories etc	cum	1.00	200.00	0009	200.00
Labour for pouring, consolidating and curing					
Mason	Day	0.17	305.00	0155	51.85
Beldar	Day	2.00	254.00	0114	508.00
Bhisti	Day	0.90	277.00	0101	249.30
Vibrator	Day	0.07	350.00	0012	24.50
Sundries	L.S.	13.00	1.80	9999	23.40
Total					4142.23
Add 1 % for water charges.					41.42
Total					4183.65 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					587.80
Total					4771.45 (Y)
Add 15% for contractor's profit and overheads on "Y"					715.72
Cost per 1.00 cum					5487.17
Add labour cess @ 1%					54.87
Rate including labour cess					5542.04
		Say	**₹5542.00**	**per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.

5.37.2 Providing and laying in position ready mixed concrete manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. M-25 grade Reinforced cement concrete by using 380 kg of cement per cum of concrete. All works above Plinth level up to floor five level.

Description	Unit	Quantity	Rate	Code	
Details of cost for 1.00 cum.					
Materials:					
Stone aggregate 20mm	cum	0.57	556.33	0295	317.11
Stone aggregate 10 mm	Cum	0.28	620.42	0297	173.72
Carriage of aggregate	Cum	0.85	0	2202	0.00
Coarse sand	Cum	0.425	160.69	0982	68.29
Carriage of Coarse sand	Cum	0.425	0	2203	0.00
Cement	Tonne	0.38	5474.00	0367	2080.12
Carriage of Cement	Tonne	0.38	94.8	2209	36.02
Plasticizer 0.50% of cement	Kilogram	1.90	35.37	7318	67.20
Production Cost, carriage to site, pumping to respective floors and laying in position	Cum				
Production Cost	km/Cum	1.00	400.00	0004	400.00
Carriage of concrete by transit mixer.	Cum	10.00	23.00	0029	230.00
Pumping charges of concrete including hire Charges of pump, piping work & accessories etc	cum	1.00	200.00	0009	200.00
Labour for pouring, consolidating and curing					
Mason	Day	0.17	305.00	0155	51.85
Beldar	Day	2.00	254.00	0114	508.00
Bhisti	Day	0.90	277.00	0101	249.30
Vibrator	Day	0.07	350.00	0012	24.50
Sundries	L.S.	13.00	1.80	9999	23.40
Extra labour for lifting up to floor five level 0.75 x 2.5 = 1.88					
Coolie	Day	1.88	265.00	0115	498.20
Total					4927.71
Add 1 % for water charges.					49.28
Total					4976.99 (X)
Add GST 12% on "X"(multiplying factor 0.1405)					699.27
Total					5676.26 (Y)
Add 15% for contractor's profit and overheads on "Y"					851.44
Cost per 1.00 cum					6527.69
Add labour cess @ 1%					65.28
Rate including labour cess					6592.97
Say		**Say**	**₹6593.00**	**per cum**	

5.38 Extra for R.C.C/ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.

Description	Unit	Quantity	Rate	Code

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Pumping charges of concrete including hire Charges of pump, piping work & accessories etc.	cum	1.00	200.00	0009	200.00
	Total					200.00
	Add 1 % for water charges.					2.00
	Total					202.00 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					28.38
	Total					230.38 (Y)
	Add 15% for contractor's profit and overheads on "Y"					34.56
	Cost per 1.00 cum					264.94
	Add labour cess @ 1%					2.65
	Rate including labour cess					267.59
	Say		**Say**	**₹267.60**	**per cum**	

5.40 **Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, using fly ash and cement content as per approved design mix, and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering, shuttering, finishing and reinforcement, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate / retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. NOTE- (1) Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately. (2) Fly ash conforming to grade I of IS 3812 (Part-1) only be used as part replacement of OPC as per IS : 456. Uniform blending with cement to be ensured in accordance with clauses 5.2 and 5.2.1 of IS:456 -2000 in the items of BMC and RMC.**

5.40.1 All works up to Plinth level

	Details of cost for 1.00 cum					
	MATERIAL					
293	Stone Aggregate (Single size) : 40 mm nominal size (0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)	cum	0.65	445.22	0293	289.39
295	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	0295	133.52
2206	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	2206	0.00
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0.00	2202	0.00
982	Coarse sand (zone III)	cum	0.37	160.69	0982	59.46
2203	Carriage of Coarse sand	cum	0.37	0.00	2203	0.00
1980	Flyash	cum	0.21	7.45	1980	1.56
2262	Carriage of Flyash	cum	0.21	0.00	2262	0.00
367	Portland Cement	tonne	0.33	5474.00	0367	1806.42
2209	Carriage of Cement	tonne	0.33	94.80	2209	31.28
7318	Plasticizer / super plasticizer	kilogram	1.65	35.37	7318	58.36
	Production cost, pumping to respective floors and laying in position					
4	Production cost of concrete by batch mix plant.	cum	1.00	400.00	0004	400.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
29	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	0029	230.00
9	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00	200.00	0009	200.00
	LABOUR for pouring, consolidating & curing					
155	Mason (average)	day	0.17	305.00	0155	51.85
114	Beldar	day	2.00	254.00	0114	508.00
101	Bhisti	day	0.90	277.00	0101	249.30
12	Vibrator(Needle type 40mm)	day	0.07	350.00	0012	24.50
9999	Sundries	L.S.	13.00	1.80	9999	23.40
	Total					4067.04
	Add 1 % for water charges.					40.67
	Total					4107.71 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					577.13
	Total					4684.85 (Y)
	Add 15% for contractor's profit and overheads on "Y"					702.73
	Cost per 1.00 cum					5387.57
	Add labour cess @ 1%					53.88
	Rate including labour cess					5441.45
	Say		**Say**	**₹5441.50**	**per cum**	
5.40.2	**All works above plinth & up to floor V level.**					
	Details of cost for 1.00 cum					
	MATERIAL					
293	Stone Aggregate (Single size) : 40 mm nominal size 0.70 - 7.5% for voids i.e. 0.05 = 0.65 cum)	cum	0.65	445.22	0293	289.39
295	Stone Aggregate (Single size) : 20 mm nominal size	cum	0.24	556.33	0295	133.52
2206	Carriage of Stone aggregate 40 mm nominal size and above	cum	0.65	0.00	2206	0.00
2202	Carriage of Stone aggregate below 40 mm nominal size	cum	0.24	0.00	2202	0.00
982	Coarse sand (zone III)	cum	0.37	160.69	0982	59.46
2203	Carriage of Coarse sand	cum	0.37	0.00	2203	0.00
1980	Flyash	cum	0.21	7.45	1980	1.56
2262	Carriage of Flyash	cum	0.21	0.00	2262	0.00
367	Portland Cement	tonne	0.33	5474.00	0367	1806.42
2209	Carriage of Cement	tonne	0.33	94.80	2209	31.28
7318	Plasticizer / super plasticizer	kilogram	1.65	35.37	7318	58.36
	Production cost, pumping to respective floors and laying in position					
4	Production cost of concrete by batch mix plant.	cum	1.00	400.00	0004	400.00
29	Carriage of concrete by transit mixer.	km/ cum	10.00	23.00	0029	230.00
9	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	1.00	200.00	0009	200.00
	LABOUR for pouring, consolidating & curing					
155	Mason (average)	day	0.17	305.00	0155	51.85
114	Beldar	day	2.00	254.00	0114	508.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
101	Bhisti	day	0.90	277.00	0101	249.30
12	Vibrator(Needle type 40mm)	day	0.07	350.00	0012	24.50
9999	Sundries	L.S.	13.00	1.80	9999	23.40
	(Extra labour for lifting material upto floor V level : = 0.75 x 2.5 = 1.88)					
115	Coolie	Day	1.88	265.00	0115	498.20
	Total					4565.24
	Add 1 % for water charges.					45.65
	Total					4610.89 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					647.83
	Total					5258.72 (Y)
	Add 15% for contractor's profit and overheads on "Y"					788.81
	Cost per 1.00 cum					6047.53
	Add labour cess @ 1%					60.48
	Rate including labour cess					6108.01
	Say		**Say**	**₹6108.00**	**per cum**	

5.41/ 5.50 **Supplying and applying pre tested and approved water based concrete curing compound to concrete/ masonry surface, all as per manufacturer's specification and direction of Engineer-in-charge.**

5.41.1/5. 50.1 **Non pigmented wet curing compound.**

Details of cost for 10 sqm.					
MATERIAL:					
Chemical ASTMC-type I	kg	2	102.38	7178	204.76
Coverage of chemical 5 sqm per kg.					
Chemical required for 10 sqm = 10 /5 = 2.00 kg					
LABOUR:					
Mason (brick layer) 2nd class	day	0.46	305.00	0124	140.30
Coolie	day	0.23	265.00	0115	60.95
Bhisti	day	0.1	277.00	0101	27.70
Scaffolding and sundries	L.S.	8.06	1.80	9999	14.51
Extra labour for clean up process					
Beldar	day	0.75	254.00	0114	190.50
Extra machinery, hand pump, compressor etc.	L.S.	80	1.80	9999	144.00
TOTAL					782.72
Add Water Charges @ 1%					7.83
TOTAL					790.54
Add GST 12% on "X"(multiplying factor 0.1405)					111.07
Total					901.62 (Y)
Add CPOH @ 15%					135.2
Cost of 10 sqm					1036.86
Cost of 1 sqm					103.69
Add labour cess @ 1%					1.04
Rate including labour cess					104.73
Say		**Say**	**₹104.70**	**per cum**	

5.41.2/5. 50.2 Pigmented wet curing compound.

Details cost for 10 sqm.
Based on DAR item 13.44.1
MATERIAL:

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Chemical ASTMC-type II	kg	2	158.22	7281	316.45
	Coverage of chemical 5 sqm per kg.					
	Chemical required for 10 sqm = 10 /5 = 2 kg					
	LABOUR:					
	Mason (brick layer) 2nd class	day	0.46	305.00	0124	140.30
	Coolie	day	0.23	265.00	0115	60.95
	Bhisti	day	0.1	277.00	0101	27.70
	Scaffolding and sundries	L.S.	8.06	1.8	9999	14.51
	Extra labour for clean up process					
	Beldar	day	0.75	254.00	0114	190.50
	Extra machinery, hand pump, compressor etc.	L.S.	80	1.8	9999	144.00
	TOTAL					894.40
	Add Water Charges @ 1%					8.94
	TOTAL					903.35 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					126.92
	Total					1030.27 (Y)
	Add CPOH @ 15% on "Y"					154.5
	Cost of 10 sqm					1184.81
	Cost of 1 sqm					118.48
	Add labour cess @ 1%					1.18
	Rate including labour cess					119.66
	Say		**Say**	**₹119.70**	**per sqm**	
5.42/5.51	**Providing and fixing tapered / parallel threaded couplers conforming to IS code on Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement – Specification, to reinforcement bars including threading,enlargement at connection by forging, protecting the prepared reinforcement bars and related operations as required to complete the works as per direction of Engineer-in-Charge . (The length of the bars in which coupler is to be provided should not be less than 4 metre, no deduction for labour and binding wire saved for not providing lap length shall be made).**					
5.42.1/ 5.51.1	**Coupler for 16 mm diameter reinforcement bar.**					
	Details of cost for one.					
	MATERIAL:					
	Coupler 16 mm dia	each	1	62.36	2394	62.36
	LABOUR:					
	For placing in position and fixing	L.S.	3.77	1.8	9999	6.79
	Tapered / Parallel threading charges	L.S.	17.77	1.8	9999	31.99
	TOTAL					101.13
	Add Water Charges @ 1%					1.01
	TOTAL					102.14 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					14.35
	Total					116.49 (Y)
	Add CPOH @ 15% on "Y"					17.47
	Cost of each					133.97
	Add labour cess @ 1%					1.34
	Rate including labour cess					135.31
	Say		**Say**	**₹135.30**	**each**	
5.42.2/5. 51.2	**Coupler for 20 mm diameter reinforcement bar.**					
	Details of cost for one.					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	MATERIAL:					
	Coupler 20 mm dia	each	1	81.90	2395	81.90
	LABOUR:					
	For placing in position and fixing	L.S.	5.9	1.8	9999	10.62
	Tapered / Parallel threading charges	L.S.	25.17	1.8	9999	45.31
	TOTAL					137.83
	Add Water Charges @ 1%					1.38
	TOTAL					139.21 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					19.56
	Total					158.77 (Y)
	Add CPOH @ 15% on "Y"					23.82
	Cost of each					182.58
	Add labour cess @ 1%					1.83
	Rate including labour cess					184.41
	Say		**Say**	**₹184.40**	**each**	
5.42.3/ 5.51.3	**Coupler for 25 mm diameter reinforcement bar.**					
	Details of cost for one.					
	MATERIAL:					
	Coupler 25 mm dia	each	1	120.99	2396	120.99
	LABOUR:					
	For placing in position and fixing	L.S.	8.69	1.8	9999	15.64
	Tapered / Parallel threading charges	L.S.	29.61	1.8	9999	53.30
	TOTAL					189.93
	Add Water Charges @ 1%					1.90
	TOTAL					191.83 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					26.95
	Total					218.79 (Y)
	Add CPOH @ 15% on "Y"					32.82
	Cost of each					251.60
	Add labour cess @ 1%					2.52
	Rate including labour cess					254.12
	Say		**Say**	**₹254.10**	**each**	
5.42.4/ 5.51.4	**Coupler for 28 mm diameter reinforcement bar.**					
	Details of cost for one.					
	MATERIAL:					
	Coupler 28 mm dia	each	1	178.70	2397	178.70
	LABOUR:					
	For placing in position and fixing	L.S.	12.84	1.8	9999	23.11
	Tapered / Parallel threading charges	L.S.	32.57	1.8	9999	58.63
	TOTAL					260.44
	Add Water Charges @ 1%					2.60
	TOTAL					263.04 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					36.96
	Total					300.00 (Y)
	Add CPOH @ 15% on "Y"					45.00
	Cost of each					345.00
	Add labour cess @ 1%					3.45
	Rate including labour cess					348.45
	Say		**Say**	**₹348.40**	**each**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
5.42.5/ 5.51.5	**Coupler for 32 mm diameter reinforcement bar.**					
	Details of cost for one.					
	MATERIAL:					
	Coupler 32 mm dia	each	1	215.00	2398	215.00
	LABOUR:					
	For placing in position and fixing	L.S.	15.48	1.80	9999	27.86
	Tapered / Parallel threading charges	L.S.	32.57	1.80	9999	58.63
	TOTAL					301.49
	Add Water Charges @ 1%					3.01
	TOTAL					304.50 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					42.78
	Total					347.28 (Y)
	Add CPOH @ 15% on "Y"					52.09
	Cost of each					399.38
	Add labour cess @ 1%					3.99
	Rate including labour cess					403.37
	Say		**Say**	**₹403.40**	**each**	
5.43/ 5.52	**Providing and fixing in position Stainless steel Grade 304 plate-1.0 mm thick as per design for expansion joints.**					
5.43.1/ 5.52.1	**200 mm wide.**					
	Details of cost for 1 metre.					
	MATERIAL:					
	1 mm thick Stainless Steel Cover plate grade 304	kg	1.6	255.95	2393	409.52
	Stainless steel screws 30 mm x4 mm	100Nos	6	29.78	8647	1.79
	Carriage of materials	L.S.	1.3	1.80	9999	2.34
	LABOUR:					
	Blacksmith 2nd class	day	0.067	305.00	103	20.44
	Beldar	day	0.067	254.00	114	17.02
	Sundries	L.S.	2.34	1.80	9999	4.21
	TOTAL					455.31
	Add Water Charges @ 1%					4.55
	TOTAL					459.86 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					64.61
	Total					524.47 (Y)
	Add CPOH @ 15% on "Y"					78.67
	Cost of 1 metre					603.15
	Add labour cess @ 1%					6.03
	Rate including labour cess					609.18
	Say		**Say**	**₹609.20**	**per meter**	
5.43.2/ 5.52.2	300 mm wide.					
	Details of cost for 1 metre.					
	MATERIAL:					
	1 mm thick Stainless Steel Cover plate grade 304	kg	2.4	255.95	2393	614.28
	Stainless steel screws 30 mm x4 mm	100 Nos	6	29.78	8647	1.79
	Carriage of materials	L.S.	1.3	1.80	9999	2.34
	LABOUR:					
	Blacksmith 2nd class	day	0.067	305.00	103	20.44
	Beldar	day	0.067	254.00	114	17.02

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Sundries	L.S.	2.34	1.80	9999	4.21
	TOTAL					660.07
	Add Water Charges @ 1%					6.60
	TOTAL					666.67 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					93.67
	Total					760.34 (Y)
	Add CPOH @ 15% on "Y"					114.05
	Cost of 1 metre					874.39
	Add labour cess @ 1%					8.74
	Rate including labour cess					883.13
	Say		**Say**	**₹883.10**	**metre**	

5.44 Providing and fixing of expansion joint system related with floor location as per drawings and direction of Engineer-In-Charge. The joints system will be of extruded aluminum base members, self aligning / self centering arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor /floor to wall expansion control system for various vertical localtion in load application areas that accommodates multi directional seismic movement without stress to it's components. System shall consist of metal profiles with a universal aluminum base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self – centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved by Engineer -in-Charge . (Material shall confirm to ASTM 6063).

5.44.1 Floor Joint of 100 mm gap.

Details of cost for 1.00 metre.

MATERIAL:					
Floor Joint of 100 mm	metre	1	2885.24	2403	2885.24
Epoxy adhesive	kg	4.25	139.61	2402	593.34
Carriage of material etc.	L.S.	124.9	1.80	9999	224.82
LABOUR:					
Blacksmith 1 st class	day	0.05	342.00	102	17.10
Mason (brick layer) 1 st class	day	0.1	342.00	123	34.20
Beldar	day	0.15	254.00	114	38.10
TOTAL					3792.80 (X)
Add Water Charges @ 1%					37.93
TOTAL					3830.73
Add GST 12% on "X"(multiplying factor 0.1405)					538.22
Total					4368.94 (Y)
Add CPOH @ 15% on "Y"					655.34
Cost of 1 metre					5024.29
Add labour cess @ 1%					50.24
Rate including labour cess					5074.53
Say		**Say**	**₹5074.50**	**metre**	

5.44.2 Floor Joint of 150 mm gap.

Details of cost for 1.00 metre.

MATERIAL:					
Floor Joint of 150 mm	metre	1	3722.89	2404	3722.89
Epoxy adhesive	kg	4.5	139.61	2402	628.24

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Carriage of material etc.	L.S.	124.9	1.80	9999	224.82
	LABOUR:					
	Blacksmith 1 st class	day	0.05	342.00	102	17.10
	Mason (brick layer) 1 st class	day	0.1	342.00	123	34.20
	Beldar	day	0.15	254.00	114	38.10
	TOTAL					4665.35
	Add Water Charges @ 1%					46.65
	TOTAL					4712.01 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					662.04
	Total					5374.04 (Y)
	Add CPOH @ 15% on "Y"					806.11
	Cost of 1 metre					6180.15
	Add labour cess @ 1%					61.80
	Rate including labour cess					6241.95
	Say		**Say**	**₹6241.90**	**metre**	
5.44.3	**Floor Joint of 200 mm gap.**					
	Details of cost for 1.00 metre.					
	MATERIAL:					
	Floor Joint of 200 mm	metre	1	5025.91	2405	5025.91
	Epoxy adhesive	kg	4.75	139.61	2402	663.14
	Carriage of material etc.	L.S.	124.9	1.80	9999	224.82
	LABOUR:					
	Blacksmith 1 st class	day	0.05	342.00	0102	17.10
	Mason (brick layer) 1 st class	day	0.1	342.00	0123	34.20
	Beldar	day	0.15	254.00	0114	38.10
	TOTAL					6003.27
	Add Water Charges @ 1%					60.03
	TOTAL					6063.30 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					851.89
	Total					6915.19 (Y)
	Add CPOH @ 15% on "Y"					1037.28
	Cost of 1 metre					7952.47
	Add labour cess @ 1%					79.52
	Rate including labour cess					8031.99
	Say		**Say**	**₹8032.00**	**metre**	
5.45	**Providing and fixing of expansion joint system related with wall joint (internal/external) location as per drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminum base members, self aligning / centering arrangement and support plates as per ASTM B221-02. The material shall be such that it provides an Expansion Joints System suitable for vertical wall to wall/ wall to corner application, both new and existing construction in office Buildings & complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize light weight aluminum profiles exhibiting minimal exposed aluminum surfaces mechanically snap locking the multicellular to facilitate movement. (Material shall confirm to ASTM 6063).**					
5.45.1	Wall Joint of 100 mm gap.					
	Details of cost for 1.00 metre.					
	MATERIAL:					
	Wall Joint of 100 mm	metre	1	2233.74	2409	2233.74
	Epoxy adhesive	kg	4.25	139.61	2402	593.34
	Carriage of material etc.	L.S.	124.9	1.80	9999	224.82
	LABOUR:					
	Blacksmith 1 st class	day	0.05	342.00	0102	17.10

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Mason (brick layer) 1 st class	day	0.1	342.00	0123	34.20
	Beldar	day	0.15	254.00	0114	38.10
	TOTAL					3141.29
	Add Water Charges @ 1%					31.41
	TOTAL					3172.71 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					445.77
	Total					3618.47 (Y)
	Add CPOH @ 15% on "Y"					542.77
	Cost of 1 metre					4161.24
	Add labour cess @ 1%					41.61
	Rate including labour cess					4202.85
	Say		**Say**	**₹4202.90**	**metre**	
5.45.2	Wall Joint of 150 mm gap.					
	Details of cost for 1.00 metre.					
	MATERIAL:					
	Wall Joint of 150 mm	metre	1	2606.03	2410	2606.03
	Epoxy adhesive	kg	4.5	139.61	2402	628.24
	Carriage of material etc.	L.S.	124.9	1.80	9999	224.82
	LABOUR:					
	Blacksmith 1 st class	day	0.05	342.00	0102	17.10
	Mason (brick layer) 1 st class	day	0.1	342.00	0123	34.20
	Beldar	day	0.15	254.00	0114	38.10
	TOTAL					3548.48
	Add Water Charges @ 1%					35.48
	TOTAL					3583.97 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					503.55
	Total					4087.52 (Y)
	Add CPOH @ 15% on "Y"					613.13
	Cost of 1 metre					4700.64
	Add labour cess @ 1%					47.01
	Rate including labour cess					4747.65
	Say		**Say**	**₹4747.70**	**metre**	
5.45.3	**Wall Joint of 200 mm gap.**					
	Details of cost for 1.00 metre.					
	Wall Joint of 200 mm	metre	1	3164.46	2411	3164.46
	Epoxy adhesive	kg	4.75	139.61	2402	663.14
	Carriage of material etc.	L.S.	124.9	1.80	9999	224.82
	LABOUR:					
	Blacksmith 1 st class	day	0.05	342.00	102	17.10
	Mason (brick layer) 1 st class	day	0.1	342.00	123	34.20
	Beldar	day	0.15	254.00	114	38.10
	TOTAL					4141.82
	Add Water Charges @ 1%					41.42
	TOTAL					4183.24 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					587.74
	Total					4770.98 (Y)
	Add CPOH @ 15% on "Y"					715.65
	Cost of 1 metre					5486.63
	Add labour cess @ 1%					54.87
	Rate including labour cess					5541.50
	Say		**Say**	**₹5541.50**	**metre**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
5.46	**Providing and fixing of expansion joint system of approved make and manufactures for various roof locations as per approved drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminum base members with, self aligning and self centering arragement support plates asper ASTM B221-02. The system shall be such that it provides watertight roof to roof/roof to corner joint cover expansion control system that is capable of accommodating multidirectional seismic movement without stress to its components. System shall consist of metal profile that incorporates a universal aluminum base member designed to accommodate various project conditions and roof treatments. The cover plate shall be designed of width and thickness required to satisfy movement and loading requirements and secured to base members by utilizing manufacturer's preengineered self-centering arrangement that freely rotates / moves in all directions.The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. The Joint System shall resists damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have water tight joint is mandatory requirement. Material shall confirm to ASTM 6063.**					
5.46.1	Roof Joint of 100 mm gap.					
	Details of cost for 1.00 metre.					
	MATERIAL					
	Complete Roof Joint of 100 mm	metre	1	2606.03	(2399)	2606.03
	Epoxy adhesive	kg	4.25	139.61	(2402)	593.34
	Carriage of material etc.	L.S.	124.9	1.80	(9999)	224.82
	LABOUR:					
	Blacksmith 1 st class	day	0.05	342.00	('0102)	17.10
	Mason (brick layer) 1 st class	day	0.1	342.00	('0123)	34.20
	Beldar	day	0.15	254.00	(0114)	38.10
	TOTAL					3513.58
	Add Water Charges @ 1%					35.14
	TOTAL					3548.72 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					498.59
	Total					4047.31 (Y)
	Add CPOH @ 15% on "Y"					607.10
	Cost of 1 metre					4654.41
	Add labour cess @ 1%					46.54
	Rate including labour cess					4700.95
	Say		**Say**	**₹4700.90**	**metre**	
5.46.2	Roof Joint of 150 mm gap.					
	Details of cost for 1.00 metre.					
	MATERIAL:					
	Complete Roof Joint of 150 mm	metre	1	2,978.31	2400	2978.31
	Epoxy adhesive	kg	4.5	139.61	2402	628.24
	Carriage of material etc	L.S.	124.9	1.80	9999	224.82
	LABOUR:					
	Blacksmith 1 st class	day	0.05	342.00	0102	17.10
	Mason (brick layer) 1 st class	day	0.1	342.00	0123	34.20
	Beldar	day	0.15	254.00	0114	38.10
	TOTAL					3920.77
	Add Water Charges @ 1%					39.21
	TOTAL					3959.98 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					556.38

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Total					4516.36	(Y)
	Add CPOH @ 15%					677.45	
	Cost of 1 metre					5193.81	
	Add labour cess @ 1%					51.94	
	Rate including labour cess					5245.75	
	Say		**Say**	**₹5245.80**	**metre**		
5.46.3	Roof Joint of 200 mm gap.						
	Details of cost for 1.00 metre.						
	MATERIAL:						
	Complete Roof Joint of 200 mm	metre	1	3,722.89	2401	3722.89	
	Epoxy adhesive	kg	4.75	139.61	2402	663.14	
	Carriage of material etc.	L.S.	124.9	1.80	9999	224.82	
	LABOUR:						
	Blacksmith 1st class	day	0.05	342.00	0102	17.10	
	Mason (brick layer) 1st class	day	0.1	342.00	0123	34.20	
	Beldar	day	0.15	254.00	0114	38.10	
	TOTAL					4700.25	
	Add Water Charges @ 1%					47.00	
	TOTAL					4747.26	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					666.99	
	Total					5414.25	(Y)
	Add CPOH @ 15% on "Y"					812.14	
	Cost of 1 metre					6226.38	
	Add labour cess @ 1%					62.26	
	Rate including labour cess					6288.64	
	Say		**Say**	**₹6288.60**	**metre**		
5.47	**Providing and fixing in position factory made precast RCC M-40 doors and windows frames having excellent smooth finish as per IS: 6523 with reinforcement of 3 Nos, 6 mm dia main bars tied with 3 mm M.S stirrups placed @ 200 mm C/C and 6 numbers high strength polymer blocks of required size for fixing hinges including providing 6 no specially designed M.S. galvanised sleeves for accomodating 6 mm dia fully threaded bolts for fixing hold fast on vertical members, providing suitable arrangement for recieving sliding door bolts and tower bolt etc all complete, as per the direction of Engineer in charge. (The cost of hold fast and cc block of 1:3:6 mix is also included in the item.) The frame shall be measured in running meter correct to two places of decimal.**							
5.47.1	Door frame 125 mm x 60 mm.						
	Details of cost for 5.20 metre.						
	MATERIAL:						
	Rate as per Item Number 5.33.1 of SH: Reinforced cement concrete work	cum	0.039	5,141.05	5.33.1	200.50	A
	Rate as per Item Number 5.34.3 of SH: Reinforced cement concrete work	cum	0.039	154.54	5.34.3	6.03	A
	Extra for scatter and smaller work @25 % (P + Q) x 0.25 = (222.47 + 7.51) x 0.25						
	Twisted steel/ deformed bars	quintal	0.0468	4,622.63	1005	216.34	
	Bright finished or black enameled mild steel butt hinges 75x47x1.70 mm	10 nos	6	55.84	0596	335.06	
	Rate as per Item No. 4.3.3 of SH: Cement Concrete	sqm	1.27	421.60	4.3.3	535.43	A
	Rate as per Item Number 14.2.1 of SH: Repairs to Building	each	1	595.09	14.2.1	595.09	A
	Rate as per Item Number 13.48.2 of SH: Finishing	sqm	1.27	81.13	13.48.2	103.04	A

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Sundries	L.S.	100.67	1.80	9999	181.21	
	TOTAL					2172.69	
	Add Water Charges @ 1% except on A i.e on					9.39	
	TOTAL					2182.08	(X)
	Add GST 12% on "X" except A(multiplying factor 0.1405)					133.27	
	Total					2315.35	(Y)
	Add CPOH @ 15% except on A i.e on					146.75	
	TOTAL					2462.09	
	Cost of 5.20 metre						
	Cost of 1 metre					473.48	
	Add labour cess @ 1%					4.73	
	Rate including labour cess					478.21	
	Say		**Say**	**₹478.20**	**metre**		
5.47.2	**Door frame 100 mm x 60 mm.**						
	Details of cost for 5.20 metre.						
	Rate as per Item Number 5.33.1 of SH: Reinforced cement concrete work	cum	0.031	5,141.05	5.33.1	159.37	
	Rate as per Item Number 5.34.3 of SH: Reinforced cement concrete work	cum	0.031	154.54	5.34.3	4.79	
	Extra for scatter and smaller work @25 % (P + Q) x 0.25 = (176.84 + 5.97)x 0.25						
	Twisted steel/ deformed bars	quintal	0.0372	4,622.63	1005	171.96	
	Bright finished or black enameled mild steel butt hinges 75x47x1.70 mm	10 nos	6	55.84	0596	335.06	
	Rate as per Item No. 4.3.3 of SH: Cement Concrete	sqm	1.14	421.60	4.3.3	480.62	A
	Rate as per Item Number 14.2.1 of SH: Repairs to Building	each	1	595.09	14.2.1	595.09	A
	Rate as per Item Number 13.48.2 of SH: Finishing	sqm	1.14	81.13	13.48.2	92.49	A
	Sundries	L.S.	100.67	1.80	9999	181.21	
	TOTAL					2020.59	
	Add Water Charges @ 1% except on A i.e on					8.52	
	TOTAL					2029.11	
	Add GST 12% on "X"(multiplying factor 0.1405)					120.96	
	Total					2150.07	(Y)
	Add CPOH @ 15% except on A i.e on					147.28	
	Cost of 5.20 metre					2297.35	
	Cost of 1 metre					441.80	
	Add labour cess @ 1%					4.42	
	Rate including labour cess					446.22	
	Say		**Say**	**₹446.20**	**metre**		
5.47.3	**Door frame 85 mm x 60 mm.**						
	Details of cost for 5.20 metre.						
	Rate as per Item Number 5.33.1 of SH: Reinforced cement concrete work	cum	0.027	5141.05	5.33.1	138.81	A
	Rate as per Item Number 5.34.2 of SH: Reinforced cement concrete work	cum	0.027	154.54	5.34.2	4.17	A
	Extra for scatter and smaller work @25 % (P + Q) x 0.25 = (154.02 + 3.47)x 0.25						
	Twisted steel/ deformed bars	quintal	0.0324	4622.63	1005	149.77	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Bright finished or black enameled mild steel butt thinges 75x47x1.70 mm	10 nos	6	55.84	0596	335.06	
	Rate as per Item No. 4.3.3 of SH: Cement Concrete	sqm	1.07	421.60	4.3.3	451.11	A
	Rate as per Item Number 14.2.1 of SH: Repairs to Building	each	1	595.09	14.2.1	595.09	A
	Rate as per Item Number 13.48.2 of SH: Finishing	sqm	1.07	81.13	13.48.2	86.81	A
	Sundries	L.S.	100.67	1.80	9999	181.21	
	TOTAL					1942.03	
	Add Water Charges @ 1% except on A i.e on					6.66	
	TOTAL					1948.69	
	Add GST 12% on "X"(multiplying factor 0.1405)					94.51	
	Total					2043.20	(Y)
	Add CPOH @ 15% except on A i.e on					115.08	
	Cost of 5.20 metre					2158.28	
	Cost of 1 metre					415.05	
	Add labour cess @ 1%					4.15	
	Rate including labour cess					419.21	
	Say		**Say**	**₹419.20**	**metre**		

5.48 Providing and laying Reinforced cement concrete for construction of piers,abutments, portal frames, pier caps and bearing pedestals and seismic arresters over pier/ abutment caps at all locations with specified grade using Ordinary Portland Cement (conforming to strength requirement of IS:8112) including the cost of steel centering and shuttering etc. complete including testing of materials etc. for casting pier & pier cap in one/two stage, necessary tools, plants, machinery and all related operations as required to complete the work as per drawings and Specifications with all leads, lifts and depths true to level and position but excluding the cost of providing reinforcement. Reinforcement shall be measured and paid separately. Cement content considered in this item is 480 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately.

5.48.1 Reinforced Cement Concrete M50.

	Details of cost for 120.00.						
	Annexure for item 5.48.1 Providing M 50 grade reinforced Cement Concrete data for 120.00 cum	each	1	465421.50	5.48X	465421.50	
	Add 11 per cent of cost of material, labour and machinery for formwork P x 11 /100 =465421.5 x 11 /100					51196.37	
	Add 1.4 per cent of cost of material, Labour and machinery excluding formwork to cater for extra lift P x 1.4 /100 =465421.5 x 1.4 /100					6515.90	
	TOTAL					523133.77	
	Add Water Charges @ 1%					5231.34	
	TOTAL					528365.10	(X
	Add GST 12% on "X"(multiplying factor 0.1405)					74235.30	
	Total					602600.40	(Y)
	Add CPOH @ 15% on "Y"					90390.06	
	Cost of 120.00 cum					692990.46	
	Cost of 1 cum					5774.92	
	Add labour cess @ 1%					57.75	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Rate including labour cess					5832.67
	Say		**Say**	**₹5832.70**	**cum**	
5.48.2	**Reinforced Cement Concrete M60.**					
	Details of cost for 120.00 cum.					
	Annexure for item 5.48.2 Providing M 60 grade reinforced Cement Concrete data for 120.00 cum	each	1	571708.28	5.48Y	571708.28
	Add 11 per cent of cost of material, labour and machinery for formwork					
	P x 11 /100 =571708.278 x 11 /100					62887.91
	Add 1.4 per cent of cost of material, Labour and machinery excluding formwork to cater for extra lift					
	P x 1.4 /100 =571708.278 x 1.4 /100					8003.92
	TOTAL					642600.10
	Add Water Charges @ 1%					6426.00
	TOTAL					649026.11 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					91188.17
	Total					740214.27 (Y)
	Add CPOH @ 15% on "Y"					111032.14
	Cost of 120.00 cum					851246.41
	Cost of 1 cum					7093.72
	Add labour cess @ 1%					70.94
	Rate including labour cess					7164.66
	Say		**Say**	**₹7164.70**	**cum**	
5.48.3	**Extra for using M50/M60 grade self-compacting Reinforced Cement Concrete.**					
	Details of cost for 1.00 cum.					
	Rate as per item no. 5.48.3X	cum	1	7,785.24	5.48.3X	7785.24
	Rate as per item no. 5.48.2	cum	1	7,164.66	5.48.2	7164.66
	P - Q =7785.24 -7164.66 =620.58					
	Cost of 1 cum					620.58
	Add labour cess @ 1%					6.21
	Rate including labour cess					626.79
	Say		**Say**	**₹626.80**	**cum**	
5.48.3X	**M60 grade Self-compacting Reinforced Cement Concrete.**					
	Details of cost for 120.00 cum.					
	Annexure for item 5.48.3 , Extra for using M 60 grade Self Compacting Reinfroced cement Concrete data for 120.00 cum grade Self Compacting Reinfroced cement Concrete data for 120.00 cum	each	1	621227.97	5.48Z	621227.97
	Add 11 per cent of cost of material, labour and machinery for formwork					
	P x 11 /100 =621227.972 x 11 /100					68335.08
	Add 1.4 per cent of cost of material, Labour and machinery excluding formwork to cater for extra lift					
	P x 1.4 /100 =621227.972 x 1.4 /100					8697.19
	TOTAL					698260.24
	Add Water Charges @ 1%					6982.60
	TOTAL					705242.84 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					99086.62

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					804329.46 (Y)
	Add CPOH @ 15%					120649.42
	Cost of 120.00cum					924978.88
	Cost of 1 cum					7708.16
	Rate including labour cess					77.08
						7785.24
	Say		**Say**	**₹7785.20**	**cum**	
5.48X	**Annexure for item 5.48.1 , Providing M 50 grade Reinfroced cement Concrete data** for 120.00 cum.					
	Details of cost for each.					
	RCC Grade M50					
	Unit = 1 cum					
	Taking output = 120 cum					
	MATERIAL:					
	Portland Cement	tonne	57.60	5474.00	0367	315302.40
	Coarse sand (zone III)	cum	54.00	286.70	0982	15481.94
	Stone Aggregate (Single size) : 20 mm nominal size	cum	64.80	556.33	0295	36050.18
	Stone Aggregate (Single size) : 10 mm nominal size	cum	43.20	620.42	0297	26802.14
	Plasticizer / super plasticizer	kilogram	223.20	35.37	7318	7894.02
	LABOUR:					
	Mate	day	0.94	270.00	0128	253.80
	Mason (brick layer) 1 st class	day	3.5	342.00	0123	1197.00
	Beldar	day	20	254.00	0114	5080.00
	MACHINERY:					
	Batching and Mixing Plant @ 75 cum per hour	hour	1.6	2500.00	0066	4000.00
	Generator 100 KVA/125 KVA	hour	1.6	300.00	0070	480.00
	Front end loader 1 cum bucket capacity (incl POL)	hour	1.6	800.00	0052	1280.00
	Distance = 10 km					
	Qty= 120.00 cum					
	Total = 120.00x 10= 1200					
	Carriage of concrete by transit mixer	km/cum	1200	23.00	0029	27600.00
	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	120	200.00	0009	24000.00
	TOTAL					465421.49
	Cost of each					**465421.50**
	Rate including labour cess					4654.22
						470075.72
	Say		**Say**	**₹470075.7**	**cum**	
5.48Y	**Annexure for item 5.48.2 , Providing M 60 grade Reinfroced cement Concrete data** for 120.00 cum.					
	Details of cost for each.					
	RCC Grade M60					
	Unit = 1 cum					
	Taking output = 120 cum					
	Portland Cement	tonne	57.6	5,474.00	0367	315302.40
	Coarse sand (zone III)	cum	54.98	286.70	0982	15762.90
	Stone Aggregate (Single size) : 20 mm nominal size	cum	57.54	556.33	0295	32011.23
	Stone Aggregate (Single size) : 10 mm nominal size	cum	38.22	620.42	0297	23712.45
	Plasticizer / super plasticizer	kilogram	230.4	35.37	7318	8148.67

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Micro Silica	kg	3600	29.78	8953	107219.34
	LABOUR:					
	Mate	day	0.94	270.00	0128	253.80
	Mason (brick layer) 1 st class	day	3.5	342.00	0123	1197.00
	Beldar	day	20	254.00	0114	5080.00
	MACHINERY:					
	Batching and Mixing Plant @ 75 cum per hour	hour	1.6	2,500.00	0066	4000.00
	Generator 100 KVA/125 KVA	hour	1.6	300.00	0070	480.00
	Front end loader 1 cum bucket capacity (incl POL)	hour	1.6	800.00	0052	1280.00
	Distance = 10 km					
	Qty= 120.00 cum					
	Total = 120.00x 10= 1200					
	Carriage of concrete by transit mixer	km/cum	1200	23.00	0029	27600.00
	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	120	200.00	0009	24000.00
	TOTAL					566047.79
	Cost of each					566047.80
	Rate including labour cess					5660.48
						571708.28
	Say		**Say**	**₹571708**	**cum**	
5.48Z	**Annexure for item 5.48.3 , Extra for using M 60 grade Self Compacting Reinfroced** cement Concrete data for 120.00 cum.					
	Details of cost for each.					
	Extra for using M60 grade Self-compacting Reinforced Cement Concrete					
	RCC Grade M60 self compacting concrete Using Batching Plant, Transit Mixer and Conrete Pump					
	Unit ; cum					
	Taking Output = 120 cum					
	MATERIAL:					
	Portland Cement	tonne	57.6	5,474.00	0367	315302.40
	Coarse sand (zone III)	cum	54	286.70	0982	15481.94
	Stone Aggregate (Single size) : 20 mm nominal size	cum	64.8	556.33	0295	36050.18
	Stone Aggregate (Single size) : 10 mm nominal size	cum	43.2	620.42	0297	26802.14
	Micro Silica	kg	5040	29.78	8953	150107.07
	Plasticizer / super plasticizer	kilogram	230.4	35.37	7318	8148.67
	LABOUR:					
	Mate	day	0.84	270.00	0128	226.80
	Mason (brick layer) 1 st class	day	3	342.00	0123	1026.00
	Beldar	day	18	254.00	0114	4572.00
	MACHINERY:					
	Batching and Mixing Plant @ 75 cum per hour	hour	1.6	2,500.00	0066	4000.00
	Generator 100 KVA/125 KVA	hour	1.6	300.00	0070	480.00
	Front end loader 1 cum bucket capacity (incl POL)	hour	1.6	800.00	0052	1280.00
	Distance = 10 km					
	Qty= 120.00 cum					
	Total = 120.00x 10= 1200					
	Carriage of concrete by transit mixer	km/cum	1200	23.00	0029	27600.00
	Pumping charges of concrete including Hire charges of pump, piping work & accessories etc.	cum	120	200.00	0009	24000.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	TOTAL					615077.20
	Cost of each					615077.20
	Rate including labour cess					6150.77
						621227.97
	Say		**Say**	6,21,228.00	**cum**	

5.49 Constructing cast-in situ RCC diaphragm wall by providing and laying machine batched, machine mixed, self compacting, ready mix reinforced cement concrete,tramie controlled, of M 30 grade using minimum 400 kg. cement per cum of concrete including providing and mixing required admixtures in recommended proportions as per IS : 9103, as approved by the Engineer-in-charge, for achieving 150- 200mm slump, for diaphragm wall having thickness as per approved structural design not exceeding 600 mm, in pannels of required depth and lengths as per approved drawing, including constructing necessary guide walls as required and as specified including boring in all kinds of soils and rocks, including working in or under water and / or liquid mud, in foul conditions and pumping or bailing out of water and removing slush, including disposal of earth/ rock / slush etc. for all leads and all lifts, including preparing, providing and re-circulating bentonite slurry in the trench as and when required for all depths, including agitating bentonite slurry during trenching etc., providing and fixing stop ends or form tubes, upto the required depth of diaphragm wall including extracting the same after casting, including chipping off the bentonite adulterated concrete or unsound concrete up to the cut off level for obtaining the sound concrete, dressing undulations on the exposed face of diaphragm wall after excavation by chipping / chiseling etc. including filling the depression/ cavities with sound concrete etc. complete and as directed by the Engineer-in-charge, including providing recess for bearing plates and fixing insert boxes for inclined rock anchors etc. complete as per the specifications and approved design and as directed by the Engineer-in- charge, .but excluding the cost of reinforcement and inserts. (rates include cost of all inputs of labour, material and T & P, cost of handling, lifting & placing in position the reinforcement cage in the trench, including the additional cost of welding the reinforcement bars etc. involved in the work and all other incidental expenditure for completing the work as directed by the Engineer-in-charge), However, the actual area of the diaphragm wall, correct (including portion anchored in the rock upto the design bottom level) only shall be measured for payment.

Excess/less cement used for design mix including the extra cement required for under water concreting is payable / recoverable separately.

Details of cost for 144.0 cum.						
Analysis for 20x12=240 Sqm area of diaphragm wall						
Average depth 12 m						
Thickness 0.60 m						
Total Quantity 20 mx12 m x0.6 m= 144.00 cum						
Excavation of Diaphragm wall by Mechanical Grab	sqm	240	1,500.00	0082	360000.00	
Guide wall RCC 1:2:4						
RCC 2x20x(0.45+1.5)x.15 = 11.70 cum						
Rate as per Item Number 5.1.3 of SH: Reinforced cement concrete work	cum	11.7	4,345.36	5.1.3	50840.77	A
Reinforcement@ 70 kg/Cum for guide wall= 11.70x 70 kg/cum= 819 kg						
Rate as per Item Number 5.22.6 of SH: Reinforced Cement Concrete	kilogram	819	77.42	5.22.6	63403.22	A
Add for chipping/dismantling top 50 cm contaminated concrete =20 x 0.50 x 0.60=6.00 cum						
RMC M-30 as per qty=144.00 cum						
Add 10% extra for bulges etc. i.e. 14.40 cum						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Total=144.00+6.00+14.40= 164.40 cum						
	Rate as per Item Number 5.33.1 of SH: Reinforced cement concrete work	cum	164.4	5,192.46	5.33.1	853640.81	A
	Rate as per Item Number 5.34.1 of SH: Reinforced cement concrete work	cum	164.4	77.97	5.34.1	12818.05	A
	Bentonite @6% of RCC qty						
	Total Qty= 164.4x06x1400/100= 13810 kg= 13.81 tonne						
	Bentonite	tonne	13.81	2,885.24	7183	39845.20	
	Add 10 %extra cement due to concreting under water						
	164.4x420x0.10=6.90 tonne						
	Portland Cement	tonne	6.9	5,474.00	0367	37770.60	
	Add cement for grouting of wall using nozzles etc.- 240 sqm @ 0.10 quintal/sqm =2.40 tonne						
	Portland Cement	tonne	2.4	5,474.00	0367	13137.60	
	Carriage of cement	tonne	2.4	0.00	2209	0.00	
	Hire and running charges of light crane	day	1	2,500.00	0025	2500.00	
	Reinforcement @220 kg/cum						
	164.4x220kg/cum=36168 kg						
	Extra reinforcement for hooks @ 5% of cage 1808.4 kg						
	Total=1808.4 kg=18.084 qtl						
	Twisted steel/ deformed bars	quintal	18.084	4,593.20	1005	83063.43	
	Extra for welding reinforcement cage						
	Reinforcement @ 200 C/C 2 x 101 x 61 = 6161 joints Welding for alternate joint say 50 % joints 6161 cm						
	Rate as per Item Number 10.22 of SH: 10 Steel work	cm	6161	3.17	10.22	19501.91	
	Labour for grouting diaphragm wall under pressure i/c fixing nozzle etc.	L.S.	23530	1.80	9999	42354.00	
	Add for use retarders / plasticizers for the diaphragm wall concreting using trimme @ 0.4 % cement qty = (164.4 x 420 x 0.4)/ 100=276.19						
	Plasticizer / super plasticizer	kilogram	276.19	35.37	7318	9768.15	
	Stop end tubes for diaphragmwall 600 mm dia.	sqm	240	4.19	8954	1005.18	
	Driving end tubes for diaphragm wall 600 mm dia.	sqm	240	67.01	8955	16082.90	
	Hire and running charges of bentonite pump	day	2	4,200.00	0026	8400.00	
	Bentonite powder @ 6% of R.C.C. Qty= (164.4Cum x 0.06)=9.864 cum						
	9.864 cum x 1400 kg/cum = 13809.6 kg						
	Disposal of bentonite muck						
	Slurry / Muck vol. 49.32 cum						
	Disposal of bentonite muck						
	Slurry / Muck vol. 49.32 cum						
	Add excavated earth = 144.00 cum						
	Total= 144.00 + 49.32 = 193.32 cum						
	Rate as per Item Number 15.60 of SH: 15 Dismantling and Demolishing	cum	193.32	142.48	15.60	27543.52	A
	Disposal of Chipping / Dismantling of contaminated concrete and guide wall etc. with all leads as per item no. 15.3						
	= 2x(20x0.50x0.60) + 15.00 cum = 20.40 cum						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Rate as per Item Number 15.3 of SH: Dismantling and demolishing	cum	20.4	1172.75	15.30	23924.08	A
	Sundries(Extra for concreting by Trimme)	L.S.	1177	1.80	9999	2118.60	
	Sundries (Design Charges)	L.S.	19200	1.80	9999	34560.00	
	TOTAL					1702278.02	
	Add Water Charges @ 1% except on A i.e on 1032170.45					6701.08	
	TOTAL					1708979.09	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					95091.61	
	Total					1804070.71	(Y)
	Add CPOH @ 15% except on A i.e on (1702278.02 -1032170.45) =670107.57					115785.04	
	Cost of 144.00 cum					1919855.75	
	Cost of 1 cum					13332.33	
	Add labour cess @ 1%					133.32	
	Rate including labour cess					13465.65	
	Say		**Say**	13465.70	**cum**		

SUB HEAD : 6.0 (A)

BRICK WORK

6.0 (A) Brick Work

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
6.1A	**Brick work with bricks of class designation 100A in foundations and plinth in :**					
6.1.12A	**Cement mortar 1:4** (1 cement: 4 coarse sand)					
	Details of cost for 1 cum					
	Materials:					
	Bricks of class designation 100A	thousand	0.494	5010.000	(2602)	2474.940
	Cement mortar 1:4	cum	0.250	2534.72	(2113)	633.681
	Carriage of bricks	1000 nos	0.494	0.000	(2201)	0.000
	Sundries	1 time	2.730	1.800	(9999)	4.914
	Labour:					
	mason 1st class	per day	0.360	342.000	(0123)	123.120
	mason llnd class	per day	0.360	305.000	(0124)	109.800
	Coolie	per day	1.370	265.000	(0115)	363.050
	Bhishti	per day	0.200	277.000	(0101)	55.400
	Total					3764.905
	Add for water charges @ 1 %					37.649
	Total					3802.554 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					534.26
	Total					4336.81 (Y)
	Add 15% for contractor's profit and overheads on "Y"					650.52
	Cost of 1 cum					4987.33
	Add labour cess @ 1%					49.870
	Rate including labour cess					5037.204
			Say	**Rs.5037.20**	**per cum**	
6.1.14A	**Cement mortar 1:6 (1 cement: 6 coarse sand) Details of cost for 1 cum**					
	Materials:					
	Bricks of class designation 100A	thousand	0.494	5010.000	(2602)	2474.94
	Cement mortar 1:6	cum	0.250	1823.102	(2115)	455.78
	Carriage of bricks	1000 nos.	0.494	0.000	(2201)	0.00
	Sundries	1 time	2.730	1.800	(9999)	4.91
	Labour :					
	mason 1st class	per day	0.360	342.000	(0123)	123.12
	mason llnd class	per day	0.360	305.000	(0124)	109.80
	Coolie	per day	1.370	265.000	(0115)	363.05
	Bhishti	per day	0.200	277.000	(0101)	55.40
	Total					3587.00
	Add for water charges @ 1 %					35.87
	Total					3622.87 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					509.01
	Total					4131.88 (Y)
	Add 15% for contractor's profit and overheads on "Y"					619.78
	Cost of 1 cum					4751.67
	Add labour cess @ 1%					47.52
	Rate including labour cess					4799.19
			Say	**Rs.4799.20**	**per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
6.3A	**Extra for Brick work in superstructure above plinth level upto floor V cum**					
	Details of cost for 1 cum					
	Labour:					
	mason 1st class	per day	0.110	342.000	(0123)	37.620
	mason llnd class	per day	0.110	305.000	(0124)	33.550
	Coolie	per day	0.430	265.000	(0115)	113.950
	Sundries Scaffolding	1 time	22.360	1.800	(9999)	40.248
	Extra Labour elemnt required for lifting of materials (Above floor two leveLupto floor V level.) 0.75*1.5=1.13					
	Coolie	per day	1.130	265.000	(0115)	299.450
	Total					524.818
	Add for water charges @ 1 %					5.248
	Total					530.066 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					74.47
	Total					604.54 (Y)
	Add 15% for contractor's profit and overheads on "Y"					90.68
	Cost or 1 cum					695.22
	Add labour cess @ 1%					6.950
	Rate including labour cess					702.172
			Say	**Rs.702.20**	**per cum**	
6.4A	**Extra for brick work in superstructure above floor V level for each four floors or part thereof. Detail cost for per cum per floor V level Extra labour element required for lifting of materials .75*2.00 = 1.50**				*	
	Coolies	per day	1.500	265.000	(0115)	397.500
	Add for water charges @ 1 %					3.975
	Total					401.475 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					56.41
	Total					457.88 (Y)
	Add 15% for contractor's profit and overheads on "Y"					68.68
	Cost of 1 cum					526.56
	Add labour cess @ 1%					5.27
	Rate including labour cess					531.83
			Say	**Rs.531.80**	**per cum**	
6.11A	**Extra for forming cavity 5cm to 7.5cm wide in cavity wall with necessary weep and vent holes including use of cores and cast of providing and fixing bitumanstic coted m.s. toles 300mmlong of 25mmx3mmsection at not less than 3 tiles per sqm as per approved design.**					
	Details of cost for 10 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Materials:					
	mild steel_25 mm* 3 mm section 30 cm long 30 no					
	= 9 metres @ 0.6 Kg/m=5.40 Kg.	quintal	0.054	3420.409	(1008)	184.702
	Painting the steel bitumen	1 time	13.520	1.800	(9999)	24.336
	Carriage of mild steel	tonne	0.005	0.000	(2205)	0.000
	Extra labour for keeping cavity clear and fixing walll ties and delay caused :					
	mason 1st class .	per day	0.370	342.000	(0123)	126.540
	mason llnd class	per day	0.370	305.000	(0124)	112.850
	Beldar	per day	0.920	254.000	(0114)	233.680
	Add for use of core	1 time	4.550	1.800	(9999)	8.190
	Total					690.298
	Add for water charges @ 1 %					6.903
	Total					697.201 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					97.96
	Total					795.16 (Y)
	Add 15% for contractor's profit and overheads on "Y"					119.27
	Cost of 10 sqm					914.431
	Cost of 1 sqm					91.443
	Add labour cess @ 1%					0.910
	Rate including labour cess					92.353
			Say	**Rs.92.40**	**per sqm**	
6.12A	**Providing half brick masonry with bricks of class designation 100A in cement mortar 1:3 (1 cement: 3 coarse sand) in supersturcture for closing cavity 5 to 7.5 cm wide in cavity wall complete with 10cmm/11.4cm wide bitumen felt type 3 grade 1 .**					
	Details of cost for 10 m. length					
	Materials:					
	Half brick masonry 1:3 (average) 1x10x0.257 =2.57 sqm	sqm	2.57	691.952	(6.18.3A +6.19A)	1775.549 (A)
	Bitumen felt type - 3 grade 1 1x10cmx11.4 m = 1.14sqm					
	Add for wastage and overlapping @ 5 % = 0.06sqm					
	TotaL = .20sqm	sqm	1.200	65.151	(0322)	78.181 (B)
	Labour:					
	mason 1st class	per day	0.120	342.000	(0123)	41.040 (B)
	mason lind class	per day	0.120	305.000	(0124)	36.600 (B)
	Belder	per day	0.060	254.000	(0114)	15.240 (B)
	Total					171.061
	Add for water charges @ 1 % on B					1.711
	Total					172.771 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					24.27
	Total					197.05 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add for contractor's profit and overheads at 15 % on "Y"					29.557
	Total					226.603
	Cost of 10 m					2002.152
	Cost of 1 m					200.215
	Add labour cess @ 1%					2.000
	Rate including labour cess					202.215
			Say	**Rs.202.20**	**per sqm**	
6.13A	**Brick work 7cm thick with brick of class designation 100A cement mortar 1:3 (1 cement: 3 coarse sand) in super structure**					
	Details of cost for 10 sqm					
	Materials: Brick of class designation 100A	thousand	0.38	5010.00	(2602)	1888.770
	Cement mortar 1:3	cum	0.18	3246.34	(2112)	587.588
	Carriage of bircks	1000 nos.	0.38	0.00	(2201)	0.000
	Labour:					
	mason 1st class	per day	0.72	342.00	(0123)	246.240
	mason 2nd class	per day	0.72	305.00	(0124)	219.600
	Coolie	per dsy	1.76	265.00	(0115)	466.400
	Bhishti	per day	0.36	277.00	(0101)	99.720
	Sundries and scaffolding	1 time	7.15	1.80	(9999)	12.870
	Total					3521.19
	Add for water charges @ 1 %					35.212
	Total					3556.400 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					499.67
	Total					4056.07 (Y)
	Add 15% for contractor's profit and overheads on "Y"					608.41
	Cost of 10 sqm					4664.485
	Cost of 1 sqm					466.449
	Add labour cess @ 1%					4.660
	Rate including labour cess					471.109
			Say	**Rs.471.10**	**per sqm**	
6.15A	**Brick work in plain arches in superstructure including centring and shuttering complete for span upto 6 metres with bricks of dass designation 100A in cement mortar 1:3 (1 cement: 3 coarse sand)**					
	Details of cost for 1 cum					
	Materials:					
	Brick of class designation 100A	thousand	0.49	5010.00	(2602)	2474.940
	Cement mortar 1:3	cum	0.25	3246.34	(2112)	811.586
	Carriage of bricks	1000 nos.	0.49	0.00	(2201)	0.000
	Sundries	1 time	2.73	1.80	(9999)	4.914
	Centring and shuttering					
	Taking a semi circular arch 3.6 m area span . 3.6 mlong and 0.40 m thick area of centring = 4/Πx-*1.8*3.6=20.37 sqm					
	Brick work in Arch 2/Πx*2*0.4*3.6-9.05 cm					
	Area as per cum20.37/9.05 =2.25 sqm	sqm	2.23	968.17	(5.14.9)	2156.938 (B)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	(Rate same in itemno 5.14.9)						
	scaffolding	1 time	18.85	1.80	(9999)	33.930	
	Labour:						
	mason 1st class	per day	0.53	342.00	(0123)	181.26	
	mason 2nd class	per day	0.53	305.00	(0124)	161.65	
	Coolie-	per day	2.29	265.00	(0115)	606.85	
	Bhishti	per day	0.20	277.00	(0101)	55.40	
						4330.53	
	Add for water charges @ 1 % on except B					43.31	
	Total					4373.83	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					614.52	
	Total					4988.36	(Y)
	Add for contractor's profit and over-heads @ 15% on al except B					748.25	
	Total					5736.61	
	Cost of 1 cum					7893.55	
	Add labour cess @ 1%					78.940	
	Rate including labour cess					7972.490	
			Say	**Rs.7972.50**	**per cum**		
6.16A	**Brick work in gauged arches in superstructure in cement mortar.1:3 (1 cement:3 coarse sand) including centring and shutterning complete. Span ' upto 6 metres with**						
	Details of cost for 1 cum						
	Materials:						
	Bricks of class desgnation 100B	thousand	0.538	5010.000	(2602)	2695.380	
	Cement mortar 1:3	cum	0.250	3246.342	(2112)	811.586	
	Carriage of bricks		0.538	0.000	(2201)	0.000	
	Sundries	1 time	2.730	1.800	(9999)	4.914	
	Centring and shuttering	sqm	2.23	968.167	(5,14.9)	2156.938	(B)
	Area same as in itemno 6.15.2						
	(Rate same as per itemno 5.14.9)						
	Scaffolding	1 time	18.850	1.800	(9999)	33.930	
	Labour:						
	mason 1st class	per day	1.130	342.000	(0123)	386.460	
	mason 2nd class	per day	1.130	305.000	(0124)	344.650	
	Coolie	per day	4.420	265.000	(0115)	1171.300	
	Bhishti	per day	0.200	277.000	(0101)	55.400	
						5503.620	
	Add for water charges © 1 % on except B					55.036	
						5558.656	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					780.99	
	Total					6339.65	(Y)
	Add for contractor's profit and over-heads @ 15% on all except B					950.947	
						7290.594	
	Cost of 1 cum					9447.532	
	Add labour cess @ 1%					94.480	
	Rate including labour cess					9542.012	
			Say	**Rs.9542.00**	**per cum**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
6.17A	**Extra for additional cost of centring for arches exceeding 6.0m span including all shuttering , Bolting , wedging and removal(Area of the soffit** *to* be measured).						
	Analysis of rates same as itemNo. 5.9.9	sqm	1.018	248.740	(5.9.10)	253.247	
	Add labour cess @ 1%					2.530	
	Rate including labour cess					255.777	
			Say	**Rs.255.80**	**per cum**		
	HALF BRICK MASONARY						
6.18A	**Half brick masonry with bricks of dass designation 100A in foundations and plinth in :**						
6.18.3A	**Cement mortar 1:3 (1 cement: 3 coarse'sand) Details of cost for 10 sqm**						
	Material						
	Bricks of class designation 100A	thousand	0.565	5010.000	(2602)	2830.650	
	Cement mortar 1:3	cum	0.280	3246.342	(2112)	908.976	
	Carriage of bricks	thousand	0.565	0.000	(2201)	0.000	
	Sundries & Scaffolding	1 time	13.520	1.800	(9999)	24.336	
	Labour:.						
	mason .1 st class	per day	0.450	342.000	(0123)	153.900	
	mason 2nd class	per day	0.450	305.000	(0124)	137.250	
	Coolie	per day	1.550	265.000	(0115)	410.750	
	Bhishti	per day	0.700	277.000	(0101)	193.900	
	Total					4659.762	
	Add for water charges @ 1 %					46.598	
	Total					4706.359	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					661.24	
	Total					5367.60	(Y)
	Add 15% for contractor's profit and overheads on "Y"					805.14	
	Cost of 10 sqm					6172.743	
	Cost of 1 sqm					617.274	
	Add labour cess @ 1%					6.170	
	Rate including labour cess					623.444	
			Say	**Rs.623.40**	**per sqm**		
6.18.4A	**Cement mortar 1:4 (1 cement: 4 coarse send)**						
	Details of cost for 10 sqm						
	Materials: Bricks of class designation 100 A	thousand	0.565	5010.000	(2602)	2830.65	
	Cement mortar 1:4 .	cum	0.280	2534.722	(2113)	709.72	
	Carriage of bricks	1000 nos.	0.565	0.000	(2201)	0.00	
	Sundries & Scaffolding	1 time	13.520	1.800	(9999	24.34	
	Labour: mason 1st class	per day	0.450	342.000	(0123)	153.90	(B)
	mason 2nd class	per day	0.450	305.000	(0124)	137.25	(B)
	Coolie	per day	1.550	265.000	(0115)	410.75	(B)
	Bhishti	per day	0.700	277.000	(0101)	193.90	(B)
	Total					4460.51	
	Add for water charges @ 1 %					44.61	
	Total					4505.11	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					632.97	
	Total					5138.08	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add 15% for contractor's profit and overheads on "Y"					770.71
	Cost of 10 sqm					5908.79
	Cost of 1 sqm					590.88
	Add labour cess @ 1%					5.91
	Rate including labour cess					596.79
			Say	**Rs.596.80**	**per sqm**	
6.19A	**Extra for half Brick masonry in superstructure above pinth level upto floor V level.**					
	Details of cost for 10 sqm					
	Labour:					
	mason lot class	per day	0.150	342.000	(0123)	51.30
	mason 2nd class	per day	0.150	305.000	(0124)	45.75
	Coolie	per day	0.450	265.000	(0115)	119.25
	Extra labour for lifting materials:	per day	1.290	265.000	(0115)	341.85
	Coolie					
	10x0.115x75x1.5					558.15
	Add for water charges @ 1 %					5.58
	Total					563.73 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					79.20
	Total					642.94 (Y)
	Add 15% for contractor's profit and overheads on "Y"					96.44
	Cost of 10 sqm					739.38
	Cost of 1 sqm					73.94
	Add labour cess @ 1%					0.740
	Rate including labour cess					74.68
			Say	**Rs.74.70**	**per sqm**	
6.20A	**Extra for half brick masonry in superstructure. Above floor V level for every four floors or part there of Details of cost for 10 sqm per floor V leveL. Extra labour element for lifting of materials above floor V level 10sqm x 0.115mx 0.75 x 2.00 = 2.15**					
	Coolie	per day	1.730	265.000	(0115)	458.45
	Add for water charges @ 1%					4.58
	Total					463.03 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					65.06
	Total					528.09 (Y)
	Add 15% for contractor's profit and overheads on "Y"					79.21
	Cost of 10 sqm					607.30
	Cost of 1 sqm					60.73
	Add labour cess @ 1%					6.07
	Rate including labour cess					66.80
			Say	**Rs.66.80**	**per sqm**	
6.21 A	**Extra for providing and placing in position 2 Nos, 6 mm dia , MS.bars at every third course of half brick masonry (with F. P. S. bricks)**					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Details of cost for 10 sqm					
	(a) 6 mm dia. MS bars (round) 2 Nos. @ 30 meter/10 sqm = 60 metre @ 0.22 kg/m=13.2"kg	quintal	0.132	4532.000	(1004)	598.22
	(b)Carriage of MS bars Sundries	tonne	0.013	0.000	(2205)	0.00
	Sundries	1 time	1.820	1.800	(9999)	3.28
	Total					601.50
	Add for water charges @ 1 %					6.02
	Total					607.52 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					85.36
	Total					692.87 (Y)
	Add 15% for contractor's profit and overheads on "Y"					103.93
	Cost of 10 sqm					796.80
	Cost of 1 sqm					79.68
	Add labour cess @ 1%					7.97
	Rate including labour cess					87.65
			Say	**Rs.87.70**	**per sqm**	
	BRICK TILE WORK					
6.23A	**Tile brick masonry with tile bricks of class desgnation 100 in foundation and plinth in :**					
6.23.7A	**Cement mortar 1:4 (1 cement :4 coarse sand) Detials of cost for 1 cum**					
	Materials:					
	Brick tiles of class desgnation 100	thousand	0.777	5986.000	(1984)	4651.122
	Cement mortar l;4	cum	0.400	2534.722	(2113)	1013.889
	Carriage of brick tiles	1000 nos.	0.777	0.000	(2207)	0.000
	Sundries	1 time	4.550	1.800	(9999)	8.190
	Labour:					
	mason 1 st class	per day	0.700	342.000	(0123)	239.400
	mason 2nd class	per day	0.700	305.000	(0124)	213.500
	Coolie	per day	1.540	265.000	(0115)	408.100
	Bhishti	per day	0.200	277.000	(0101)	55.400
	Total					6589.601
	Add for water charges @ 1 %					65.896
	Total					6655.497 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					935.10
	Total					7590.59 (Y)
	Add 15% for contractor's profit and overheads on "Y"					1138.59
	Cost of 1 cum					8729.183
	Add labour cess @ 1%					87.290
	Rate including labour cess					8816.473
			Say	**Rs.8816.50**	**per cum**	
6.23.8A	**Cement mortar 1.6 (1 cement :6 coarse sand) Detials of cost for 1 cum**					
	Materials:					
	Brick tiles of class desgnation 100	thousand	0.777	5986.000	(1984)	4651.122
	Cement mortar 1:6	cum	0.400	1823.102	(2115)	729.241
	Carriage of brick tiles	1000 nos.	0.777	0.000	(2207)	0.000
	Sundries	1 time	4.550	1.800	(9999)	8.190
	Labour:					
	mason 1st class	per day	0.700	342.000	(0123)	239.400

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	mason 2nd class	per day	0.700	305.000	(0124)	213.500	
	Cooiie	per day	1.540	265.000	(0115)	408.100	
	Bhishti	per day	0.200	277.000	(0101)	55.400	
	Total					6304.953	
	Add for water charges @ 1 %					63.050	
	Total					6368.002	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					894.70	
	Total					7262.71	(Y)
	Add 15% for contractor's profit and overheads on "Y"					1089.41	
	Cost of 1 cum					8352.113	
	Add labour cess @ 1%					83.520	
	Rate including labour cess					8435.633	
			Say	**Rs.8435.60**	**per cum**		
6.24A	**Extra for tile bricks masonry with tile bricks of class designation 100A in superstructure from plinth**						
	leveLupto floor five level.						
	Details of cost for 1 cum						
	cost of scaffolding etc.	1 time	13.000	1.800	(9999)	23.400	
	Labour:						
	mason 1st class	per day	0.200	342.000	(0123)	68.400	
	mason 2nd class	per day	0.200	305.000	(0124)	61.000	
	Coolie	per day	0.260	265.000	(0115)	68.900	
						221.700	
	Extra labour element for Iligting of materials (upto floor VleveL) 0.75x1.50 =1.13					221.700	
	Coolie.	per day	1.13	265.00	(0115)	299.450	
	Total					521.150	
	Add for water charges @ 1 %					5.212	
	Total					526.362	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					73.95	
	Total					600.32	(Y)
	Add 15% for contractor's profit and overheads on "Y"					90.05	
	Cost of 1 cum					690.363	
	Add labour cess @ 1%					6.900	
	Rate including labour cess					697.263	
			Say	**Rs.697.30**	**per cum**		
6.25A	**Extra for tile brick masonry with tile bricks of class designation 100A in superstructure above floor five level for every four floor or part thereof...**						
	Details of cost per cum ,						
	Extra labour element required for lifting of materials (above floor V leveL) 0.75x 2.00 = 1.50						
	Coolies	per day	1.50	265.00	(0115)	397.500	
	Add for water charges @ 1 %					3.98	
	Total					401.48	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					56.41	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Total					457.88 (Y)
	Add 15% for contractor's profit and overheads on "Y"					68.68
	Cost of 1 cum					526.56
	Add labour cess @ 1%					5.270
	Rate including labour cess					531.835
			Say	**Rs.531.80**	**per cum**	
6.29A	**Tile brick masonry with bricks of class desigation 100 in plain arch work superstructure in cement mortar 1:4 (1 cement: 4 coarse sand) including centring and shuttering complete.**					
	Details of cost for 1 cum					
	Materials:					
	Tile bricks	thousand	0.78	5986.00	(1984)	4651.122
	Carriage of tile bricks	1000 nos.	0.78	0.00	(2207)	0.000
	Cement mortar 1:4	cum	0.35	2534.72	(2113)	887.153
	Sundries	1 time	5.46	1.80	(9999)	9.828
	Centring and shuttering	sqm	2.23	968.17	(5.14.9)	2156.938 (A)
	Area same as in itemno 8.15.2					
	Scaffolding	1 time	18.85	1.80	(9999)	33.930
	Labour:					
	mason 1st class	per day	0.79	342.00	(0123)	270.180
	mason 2nd class	per day	0.79	305.00	(0124)	240.950
	Coolie	per day	3.21	265.00	(0115)	850.650
	Bhishti	per day	0.20	277.00	(0101)	55.400
	Total except A					6999.213
	Add for water charges @ 1%					69.99
	Total					7069.20 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					993.22
	Total					8062.43 (Y)
	Add 15% for contractor's profit and overheads on "Y"					1209.36
	Cost of 1 cum					11428.73
	Add labour cess @ 1%					114.290
	Rate including labour cess					11543.020
			Say	**Rs.11543.00**	**per cum**	
6.30A	**Tie brick masonary with tile bricks of class designation 100A in gauded arch work in superstucture in cement mortar 1:4 (1 cement: 4 coarse sand) including centring and shuttering complete.**					
	Details of cost for 1 cum					
	Materials:					
	Tile bricks	thousand	0.79	5986.00	(1984)	4734.926
	Carriage of tile bricks	1000 nos.	0.79	0.00	(2207)	0.000
	Cement mortar 1:4	cum	0.35	2534.72	(2113)	887.153
	Sundries	1 time	5.46	1.80	(9999)	9.828
						5631.907
	Centring and shuttering					5631.907
	Area same as in itemno : 6.15.2	sqm	2.23	968.17	(5.14.9)	2156.938 (A)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Scaffolding	1 time	7.25	1.80	(9999)	13.050
	Labour:					
	mason 1st class	per day	1.50	342.00	(0123)	513.000
	mason 2nd class	per day	1.50	305.00	(0124)	457.500
	Coolie	per day	5.33	265.00	(0115)	1412.450
	Bhishti	per day	0.20	277.00	(0101}	55.400
	Total except A					8083.307
	Add for water charges @ 1%					80.83
	Total					8164.14 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1147.06
	Total					9311.20 (Y)
	Add 15% for contractor's profit and overheads on "Y"					1396.68
	Cost of 1 cum					12864.82
	Add labour cess @ 1%					128.650
	Rate including labour cess					12993.470
			Say	**Rs.12993.5**	**per cum**	
6.31A	**Tile brick masonry work 5 cm thick with tile bricks of class designation 100A in cement mortar 1:3 (1 cement: 3 coarse sand) in superstructure .**					
	Detiails of cost for 10 sqm					
	Materials:					
	Tile bricks (22.9 cm x 11.2 cm x 5 cm	thousand	0.38	5986.00	(1984)	2256.722
	Carriage of tile bricks	1000 nos.	0.38	0.00	(2207)	0.000
	Cement mortar 1:3	cum	0.15	3246.34	(2112)	486.951
	Sundries and scaffolding	1 time	8.06	1.80	(9999)	14.508
	Labour:					
	mason 1st class	per day	0.94	342.00	(0123)	321.480
	mason 2nd class	per day	0.94	305.00	(0124)	286.700
	Coolie	per day	1.88	265.00	(0115)	498.200
	BhishU	per day	0.33	277.00	(0101)	91.410
	Total					3955.971
	Add for water charges @ 1 %					39.560
	Total					3995.531 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					561.37
	Total					4556.90 (Y)
	Add 15% for contractor's profit and overheads on "Y"					683.54
	Cost of 10 sqm					5240.44
	Cost of 1 sqm					524.04
	Add labour cess @ 1%					5.240
	Rate including labour cess					529.284
			Say	**Rs.529.30**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	HONEY COMB WORK						
6.32A	**Honey- comb brick work 10/11.4 cm thick with bricks of class designation 100A in cement mortar 1:4 (1 cement: 4 coarse sand)**						
	Details of cost 1 sqm of Honey comb brick works						
	Materials:						
	(1),Brick work with bricks of class designations 75						
	in cement mortat 1:4 (1 cement: 4 coarse sand)						
	in superstructure						
	1mx 1 x 0.143 mx 4.5/7.5 = 0.069 cum	cum	0.07	5682.56	(6.1.12 +6.3)	371.175	
	(2) Extra for delay due to fine work	1 time	20.67	1.80	(9999)	37.206	(A)
	Add for water charges @ 1 % A Only					0.37	(B)
	total					37.58	(X)
	Add GST 12% on "X"(multiplying					5.28	
	Total					42.86	(Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					6.43	
	Cost of 1 sqm					420.46	
	Add labour cess @ 1%					4.200	
	Rate including labour cess					424.661	
			Say	**Rs.424.70**	**per sqm**		
	MOULDING AND CORNICES						
6.39A	**Extra for brick work in or under water mud or liquid mud including cost of pumping or bailing out water - slush etc**						
	Analysis of rate same as itemno 4.29 of sh. cement concrete work.	cum	1.00	397.33	(4.29)	397.328	
	Cost of 1 cum					397.33	
	Add labour cess @ 1%					3.970	
	Rate including labour cess					401.298	
			Say	**Rs.401.30**	**per cum**		
	Note : The quantily wilLbe calculated by multiplying the depth measured fromsub-soiLwater leveLupto the centre of. gravity of brick work in cum executed under the sub-soiLwater. With the quantity of brick work in cum executed under the sub-soiLwater. The depth of centre of gravity shalLbe reckoned correct to 0.1 m. 0.05 more shall be taten as o.1 mand less than 0.05 mignored .						
6.41 A	**Brick work with selected bricks of dass designation 100A in exposed brick work including making horizontal and vertical grooves 10mm wide 12mm deep complete from ground level up to plinth level in cement mortars 1:6(1 cement: 6 corse sand)**						

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Details of cost for 1 cum					
	Bricks of class designation 100A	thousand	0.49	5010.00	(2602)	2474.940
	Carriage of bricks	1000 nos.	0.49	0.00	(2201)	0.000
	cement mortar 1 .6 (1 cement: 6 coarse sand)	cum	0.25	1823.10	(2115)	455.776
	Sundries including steel V wooden strips for making grooves	1 time	16.38	1.80	(9999)	29.484
	Labour:					
	For selection of bricks					
	Beldar	per day	0.50	254.00	(0114)	127.000
	mason 1st class	per day	0.35	342.00	(0123)	119.700
	mason 2nd dass	per day	0.35	305.00	(0124)	106.750
	Coolie	per day	1.07	265.00	(0115)	283.550
	Bhishti	per day	0.20	277.00	(0101)	55.400
	Total					3652.600
	Add for water charges @ 1 %					36.526
	Total					3689.126 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					518.32
	Total					4207.45 (Y)
	Add 15% for contractor's profit and overheads on "Y"					631.12
	Cost of 1 cum					4838.56
	Add labour cess @ 1%					48.390
	Rate including labour cess					4886.955
			Say	**Rs.4887.00**	**per cum**	
6.45A	**Extra for exprosed brick work in superstructure above plinth level and upto floor level. 0.75 x 1 5 = 1.13**					
	Details of cost for 1 cum					
	Scaffolding	1 time	16.38	1.80	(9999)	29.484
	Labour:					
	mason 1st dass	per day	0.22	342.00	(0123)	75.240
	mason 2nd class	per day	0.22	305.00	(0124)	67.100
	Coolie	per day	0.73	265.00	(0115)	193.450
	(Extra labour element required for lifting of materials . Above floor two leveLupto floor V level.					
	Coolie	per day	1.13	265.00	(0115)	299.450
	Total					664.724
	Add for water charges @ 1 %					6.647
	Total					671.371 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					94.33
	Total					765.70 (Y)
	Add 15% for contractor's profit and overheads on "Y"					114.85
	Cost of 1 cum					880.55
	Add labour cess @ 1%					8.810
	Rate including labour cess					889.364
			Say	**Rs.889.40**	**per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	BRICK DRAIN					
6.47	**Providing 250mm wide brick drain in cement mortar (1:6) with av. 150mm. Clear depth and 250mm apron including cost of E/W. involved with 75mm cement concrete (1:4:8) over one brick designation 100-A flat soling in proper grade and slope at the base.the drain duly.plastered in CM. (1:3) with punning over exposed surface all complete as per building specification and direction of E/I,**					
	Assuming 30.49m		30.49			
	E/W in exca. in fdn. trenches 30.49x0.79x0.35 =	M^3	8.43	319.600	**(2.8.1)**	2694.38
	Designation 100A one brick flat soling 30.49x0.79x0.095=24.095M^2	M^2	24.095	277.500	**(11.72)**	6686.36
	P.C.C. 75M(1:4:8) 30.49x0.79x0.075=1.81M^3	M^3	1.81	2911.687	**(4.5.8)**	5270.15
	Desig 100A B/W 1:6 in F&P 2x30.49x0.25x0.20=3.05M^3	M^3	3.05	4751.665	**(6.1.14A)**	14492.58
	12mm C.P. 1:3 with punning 30.49x1.15=35.06 M^2	M2	35.0600	82.500	**(13.17)**	2892.45
						32035.93
	Hence Rate per m					1050.70
	Add labour cess @ 1%					10.51
	Rate including labour cess					1061.21
					Say	**₹ 1061.20**
6.48	**Providing 150mm wide brick drain in cement mortar (1:6) with av. 150mm clear depth and 125mm apron concrete (1: 4:8), over one brick designation 100-A flat soling in proper grade and slope at the base, the drain duly plastered in CM. (1:3) with punning over exposed surface all complete as per building specification and direction of E/I,**					
	Assuming 30.49M	M	30.49			
	E/W in exca. In foundatio treches 30.49x0.406x0.5186.41M^3	M^3	6.41	319.600	**(2.8.1)**	2048.636
	Designation 100A one brick flat soling 30.49x0.406=12.383 M^2	M^2	12.38	277.500	**(11.72)**	3435.450
	P.C.C. 75M(1:4:8) 30.49x0.406x0.075=0.929M^3	M^3	0.93	2911.687	**(4.5.8)**	2707.869
	Design 100AB/W 1:6 in F&P 2x30.49x0.12x0.2=1.46M^3	M^3	1.46	4751.665	**(6.1.14A)**	6937.431
	12mm C.P. 1:3 with punning 30.49x0.813=23.17M^2	M^3	23.17	82.500	**(13.17)**	1911.525
						17040.911
	Hence Rate per m					558.902
	Add labour cess @ 1%					5.590
	Rate including labour cess					564.492
					Say	**₹ 564.50**
	Masonary with AAC Blocks					
6.38	**Providing and laying autoclaved aerated cement blocks masonry with 100 mm thick AAC blocks in super structure above plinth level up to floor V level in cement mortar 1:4 (1 cement : 4 coarse sand).The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work.**					
	Details of cost for 1 cum.					
	MATERIAL:					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Autoclaved aerated cement (AAC) blocks	cum	1.00	2101.200	**8655**	2101.200	
	Cement mortar 1:4						
	Rate as per Item Number 2113 of SH: Mortars	cum	0.150	2560.072	**2113**	384.01	
	Carriage of AAC blocks as						
	Carriage of lime	cum	1.000	106.490	**2208**	106.490	
	Sundries	L.S.	2.730	1.800	**9999**	4.914	
	LABOUR:						
	Mason (brick layer) 1 st class	day	0.360	342.000	**0123**	123.120	
	Mason (brick layer) 2nd class	day	0.360	305.000	**0124**	109.800	
	Coolie	day	1.370	265.000	**0115**	363.050	
	Bhisti	day	0.200	277.000	**0101**	55.400	
	Reinforcement bars						
	Rate as per Item Number 5.22.1 of SH: Reinforced cement concrete work	kilogram	13.20	76.08	**5.22.1**	1004.300	A
	TOTAL					4252.285	
	Add Water Charges @ 1% except on A i.e on (4252.28 -1004.3 =3247.98					32.480	
	TOTAL					4284.765	
	Add GST 12% on "X"(multiplying factor 0.1405)					460.91	
						4745.67	
	Add CPOH @ 15% except on A i.e on (4284.76 -1004.3 =3280.46					561.205	
	Cost of 1 cum					5306.875	
	Add labour cess @ 1%					53.069	
	Rate including labour cess					5359.944	
				Say	**Rs.5359.90**	**per cum**	

Gypsum panel partion

6.40 **Providing and laying Gypsum panel partitions 100 mm thick with water proof Gypsum panels of size 666x500x100 mm, made of calcite phosphor Gypsum fixed with tongue and groove, jointed with bonding plaster as per manufacturers specifications in superstructure above plinth level up to floor V level. Gypsum blocks will have a minimum compressive strength of 9.3 kg/cm2**

Details of cost for 10 sqm						
MATERIAL:						
Gypsum panel 666 X 500 X 100 mm size	sqm	10.000	446.747	**8656**	4467.472	
Bonding plaster for Gypsum panel	kg	25.000	19.545	**8657**	488.630	
Sundries & scaffolding	L.S.	13.520	1.800	**9999**	24.336	
LABOUR:						
Mason (brick layer) 1 st class	day	0.500	342.000	**0123**	171.000	
Beldar	day	1.000	254.000	**0114**	254.000	
TOTAL					5405.438	
Add Water Charges @ 1%					54.054	
TOTAL					5459.493	(X)
Add GST 12% on "X"(multiplying factor 0.1405)					767.059	
Total					6226.551	(Y)
Add 15% for contractor's profit and overheads on "Y"					933.983	
Cost of 10 sqm					7160.534	
Cost of 1 sqm					716.053	
Add labour cess @ 1%					7.161	
Rate including labour cess					723.214	
			Say	**Rs.723.20**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
6.41	**Extra for Gypsum panel partitions in superstructure above floor V level for every four floors or part there of.**					
	Details of cost for 10 sqm. per four floors					
	Extra labour for lifting of materials above floor V level					
	Coolie	day	1.73	265.000	0115	458.450
	TOTAL					458.450
	Add Water Charges @ 1%					4.585
	TOTAL					463.035 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					65.056
	Total					528.091 (Y)
	Add 15% for contractor's profit and overheads on "Y"					79.214
	Cost of 10 sqm					607.304
	Cost of 1 sqm					60.730
	Add labour cess @ 1%					0.607
	Rate including labour cess					61.338
			Say	**Rs.61.30**	**per sqm**	

SUB HEAD : 6.0 (B)

BRICK WORK

6.0 (B) Brick Work

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
6.1B	**Brick work with bricks of class designation 100B in foundations and plinth in :**					
6.1.12B	**Cement mortar 1.:4 (1 cement: 4 coarse sand)**					
	Details of cost for 1 cum					
	Materials:					
	Bricks of class designation 100B	thousand	0.494	4578.00	(2603)	2261.53
	Cement mortar 1:4	cum	0.250	2534.72	(2113)	633.68
	Carriage of bricks	1000 nos.	0.494	0.00	(2201)	0.00
	Sundries	1 time	1.050	1.80	(9999)	1.89
	Labour:					
	mason 1st class	per day	0.360	342.00	(0123)	123.12
	mason llnd class	per day	0.360	305.00	(0124)	109.80
	Coolie	per day	1.370	265.00	(0115)	363.05
	Bhishti	per day	0.200	277.00	(0101)	55.40
	Total					3548.47
	Add for water charges @ 1 %					35.48
	Total					3583.96 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					503.55
	Total					4087.50 (Y)
	Add 15% for contractor's profit and overheads on "Y"					613.13
	Cost of 1 cum					4700.63
	Add labour cess @ 1%					47.01
	Rate including labour cess					4747.64
			Say	**Rs.4747.70**	**per cum**	
6.1.14B	**Cement mortar 1:6 (1 cement: 6 coarse sand)**					
	Details of cost for 1 cum					
	Materials:					
	Bricks of class designation 100B	thousand	0.494	4578.00	(2603)	2261.53
	Cement mortar 1:6	cum	0.250	1823.10	(2115)	455.78
	Carriage of bricks	1000 nos.	0.494	0.00	(2201)	0.00
	Sundries	1 time	1.050	1.80	(9999)	1.89
	Labour:					
	mason 1st class	per day	0.360	342.00	(0123)	123.12
	mason llnd class	per day	0.360	305.00	(0124).	109.80
	Coolie	per day	1.370	265.00	(0115)	363.05
	Bhishti	perday	0.200	277.00	(0101)	55.40
	Total					3370.57
	Add for water charges @ 1 %					33.71
	Total					3404.27 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					478.30
	Total					3882.57 (Y)
	Add 15% for contractor's profit and overheads on "Y"					582.39
	Cost of 1 cum					4464.96
	Add labour cess @ 1%					44.65
	Rate including labour cess					4509.61
			Say	**Rs.4509.70**	**per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
6.3B	**Extra for Brick work in superstructure above plinth level upto floor V cum**					
	Details of cost for 1 cum					
	Labour:					
	mason 1st class	per day	0.110	342.000	(0123)	37.620
	mason llnd dass	per day	0.110	305.000	(0124)	33.550
	Coolie	per day	0.430	265.000	(0115)	113.950
	Sundries Scaffolding	1 time	8.600	1.800	(9999)	15.480
	Extra Labour elemnt required for lifting of materials (Above floor two level upto floor V level) 0.75*1.5=1.13					
	Coolie	per day	1.130	265.000	(0115)	299.450
	Total					500.050
	Add for water charges @ 1 %					5.001
	Total					505.051 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					70.96
	Total					576.01 (Y)
	Add 15% for contractor's profit and overheads on "Y"					86.40
	Cost of 1 cum					662.412
	Add labour cess @ 1%					6.620
	Rate including labour cess					669.032
			Say	**Rs.669.00**	**per cum**	
6.4B	**Extra for brick work in superstructure above floor V level for each four floors or part thereof. Details fo cost for per cum per floor V level Extra labour element required for lifting of materials .75*2.00= 1.50**					
	Coolies	per day	1.500	265.000	(0115)	397.500
	Add for water charges @ 1 %					3.975
	Total					401.475 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					56.41
	Total					457.88 (Y)
	Add 15% for contractor's profit and overheads on "Y"					68.68
	Cost of 1 cum					526.565
	Add labour cess @ 1%					5.270
	Rate including labour cess					531.835
			Say	**Rs.531.80**	**per cum**	
6.11B	**Extra for forming cavity 5cm to 7.5cm wide in cavity wall with necessary weep and vent holes including use of cores and cast of providing and fixing bitumanstic coted m.s. toles 300mm long of 25mm x 3mm section at not less than 3 tiles per sqm as per approved design.**					
	Details of cost for 10 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Materials:						
	mild steel 25 mm* 3 mm section 30 cm long 30 no = 9 metres @ 0.6 Kg/m=5.40 Kg.	quantal	0.054	3420.41	(1008)	184.70	
	Parting the steel bitumen	1 time	5.200	1.80	(9999)	9.36	
	Carriage of mild steel	tonne	0.005	0.00	(2205)	0.00	
	Extra labour for keeping cavity clear and ilxing walll ties and delay caused :						
	mason 1st class .	per day	0.370	342.00	(0123)	126.54	
	mason llnd class	per day	0.370	305.00	(0124)	112.85	
	Beldar	per day	0.920	254.00	(0114)	233.68	
	Add for use of core	1 time.	1.750	1.80	(9999)	3.15	
	Total					670.28	
	Add for water charges @ 1 %					6.70	
	Total					676.98	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					95.12	
	Total					772.10	(Y)
	Add 15% for contractor's profit and overheads on "Y"					115.82	
	Cost of 10 sqm					887.92	
	Cost of 1 sqm					88.79	
	Add labour cess @ 1%					0.89	
	Rate including labour cess					89.68	
			Say	**Rs.89.70**	**per sqm**		
6.12B	**Providing half brick masonry with bricks of class designation 100B in cement mortar 1:3 (1 cement: 3 coarse sand) in supersturcture for dosing cavity 5 to 7.5 cm wide bitumen felt type 3 grade 1 . Details of cost for 10 m. length**						
	Materials:						
	Half brick masonry 1:3 (average) 1x10x0.257 =2.57 sqm	sqm	2.57	691.212	(6.18.3 + 6.19)	1773.650	(A)
	Bitumen filttype - 3 grade 1 1x10mx11.4 m = 1.14 sqm						
	Add for wastage and overlapping @ 5 % = 0.06						
	TotaL = 1.20 sqm	sqm	1.200	65.151	(0322)	78.181	(B)
	Labour:						
	mason 1st class	per day	0.120	342.000	*(0123)*	41.040	(B)
	mason lind class	per day	0.120	305.000	(0124)	36.600	(B)
	Belder	per day	0.060	254.000	(0114)	15.240	(B)
	Total B					171.061	
	Add for water charges @ 1 % on B					1.71	
	Total					172.771	(x)
	Add GST 12% on "X"(multiplying factor 0.1405)					24.27	
	Total					197.05	(Y)
	Add 15% for contractor's profit and overheads on "Y"					29.56	
						226.603	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Cost of 10 m					2000.253
	Cost of 1 m					200.025
	Add labour cess @ 1%					2.000
	Rate including labour cess					202.025
			Say	**Rs.202.00**	**per sqm**	
6.13B	**Brick work 7cm thick with brick of class designation 100B cement mortar 1:3 (1 cement: 3 coarse sand) in super structure**					
	Details of cost for 10 sqm					
	Materials:					
	Brick of class designation 100B	thousand	0.377	4578.000	(2603)	1725.906
	Cement mortar 1:3	cum	0.181	3246.342	(2112)	587.588
	Carriage of bircks	1000 nos.	0.377	0.000	(2201)	0.000
	Labour:					
	mason 1st class	per day	0.720	342.000	(0123)	246.240
	mason 2nd class	per day	0.720	305.000	(0124)	219.600
	Coolie	per day	1.760	265.000	(0115)	466.400
	Bhishti	per day	0.360	277.000	(0101)	99.720
	Sundries and scaffolding	1 time	2.750	1.800	(9999)	4.950
	Total					3350.40
	Add for water charges @ 1 %					33.504
	Total					3383.908 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					475.44
	Total					3859.35 (Y)
	Add 15% for contractor's profit and overheads on "Y"					578.90
	Cost of 10 sqm					4438.249
	Cost of 1 sqm					443.825
	Add labour cess @ 1%					4.440
	Rate including labour cess					448.265
			Say	**Rs.448.30**	**per sqm**	
6.15B	**Brick work in plain arches in superstructure including centring and shuttering complete for span'upto 6 metres with bricks of class designation 100B in cement mortar 1:3(1 cement: 3 coarse sand}**					
	Details of cost for 1 cum					
	Materials:					
	Brick of class designation 100B	thousand	0.494	4578.000	(2603)	2261.532
	Cement mortar 1:3	cum	0.250	3246.342	(2112)	811.586
	Carriage of bricks	1000 nos.	0.494	0.000	(2201)	0.000
	Sundries	1 time	1.050	1.800	(9999)	1.890
	Centring and shuttering					
	Taking a semi circular arch 3.6 m					
	area span , 3.6 mlong and 0.40 m					
	thick area of centring = 4/π*1.8*3.6=20.37 sqm					
	Brick work in Arch 2/π*2.1*0.4*3.6=9.05 cm					
	Area as per cum20.37/9.05 =2.23 sqm	sqm	2.228	968.167	(5.14.9)	2156.938 (B)
	(Rate same in itemno 5.14.9)					
	scaffolding	1 time	7.250	1.800	(9999)	13.050

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Labour:						
	mason 1st class	per day	0.530	342.000	(0123)	181.26	
	mason 2nd class	per day	0.530	305.000	(0124)	161.65	
	Coolie	per day	2.290	265.000	(0115)	606.85	
	Bhishti	per day	0.200	277.000	(0101)	55.40	
	Total except B					4093.22	
	Add for water charges @ 1 % on except B					40.93	
	Total					4134.15	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					580.85	
	Total					4715.00	(Y)
	Add 15% for contractor's profit and overheads on "Y"					707.25	
	Cost of 1 cum					7579.19	
	Add labour cess @ 1%					75.790	
	Rate including labour cess					7654.975	
			Say	**Rs.7655.00**	**per cum**		
6.16B	**Brick work in gauged arches in superstructure in cement mortar 1:3 (1 cement:3 coarse sand) including centring and shutterning complete. Span upto 6'metres with**						
	Details of cost for 1 cum						
	Materials:						
	Bricks of class desgnation 100B	thousand	0.538	4578.000	(2603)	2462.964	
	Cement mortar 1:3	cum	0.250	3246.342	(2112)	811.586	
	Carriage of bricks		0.538	0.000	(2201)	0.000	
	Sundries	1 time	1.050	1.800	(9999)	1.890	
	Centring and shuttering	sqm	2.228	968.167	(5.14.9)	2156.938	(B)
	Area same as in itemno 6.15.2						
	(Rate same as per itemno 5.14.9)						
	Scaffolding	1 time	7.250	1.800	(9999)	13.050	
	Labour:						
	mason 1st class	per day	1.130	342.000	(0123)	386.460	
	mason 2nd class	per day	1.130	305.000	(0124)	344.650	
	Coolie	per day	4.420	265.000	(0115)	1171.300	
	Bhishti	per day	0.200	277.000	(0101)	55.400	
	Total except B					5247.300	
	Add for water charges @ 1 % on except B					52.473	
	Total					5299.773	
	Add GST 12% on "X"(multiplying factor 0.1405)					744.62	
	Total					6044.39	(Y)
	Add 15% for contractor's profit and overheads on "Y"					906.66	
	Cost of 1 cum					9107.987	
	Add labour cess @ 1%					91.080	
	Rate including labour cess					9199.067	
			Say	**Rs.9199.10**	**per cum**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
6.17B	**Extra for additionaLcost of centring for arches exceeding 6 mspan including alLshuttering. Bolting , wedging and removaL(Area of the soffit to be measured).**						
	Analysis of rates same as itemNo. 5.14.10	sqm	1.018	248.740	(5.14.10)	253.247	
	Add labour cess @ 1%					2.530	
	Rate including labour cess					255.777	
			Say	**Rs.255.80**	**per cum**		
	HALF BRICK MASONARY						
6.18B	**Half brick masonry with bricks of class designation 100B in foundations and plinth in :**						
6.18.3B	**Cement mortar 1:3 (1 cement: 3 coarse sand)**						
	Details of cost for 10 sqm						
	Material						
	Bricks of class designation 100B	thousand	0.565	4578.00	(2803)	2586.57	
	Cement mortar 1:3	cum .	0.280	3246.34	(2112)	908.98	
	Carriage of bricks		0.565	0.00	(2201)	0.00	
	"Sundries & Scaffolding	1 time	5.200	1.80	(9999)	9.36	
	Labour:						
	mason 1st class	per day	0.450	342.00	(0123)	153.90	(B)
	mason 2nd class	per day	0.450	305.00	(0124)	137.25	(B)
	Coolie	per day	1.550	265.00	(0115)	410.75	(B)
	Bhishti	per day	0.700	277.00	(0101)	193.90	(B)
	Total					4400.71	
	Add for water charges @ 1 %			277.00	(0101)	44.01	
	Total					4444.71	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					624.48	
	Total					5069.20	(Y)
	Add 15% for contractor's profit and overheads on "Y"					760.38	
	Cost of 10 sqm			277.00	(0101)	5829.57	
	Cost of 1 sqm					582.96	
	Add labour cess @ 1%					5.83	
	Rate including labour cess					588.79	
			Say	**Rs.588.80**	**per sqm**		
6.18.4B	**Cement mortar 1.4 (1 cement : 4 coarse sand)**						
	Details of cost for 10 sqm						
	Materials:						
	Bricks of class designation 100B	thousand	0.565	4578.000	(2603)	2586.570	
	Cement mortar 1:3	cum	0.280	2534.722	(2113)	709.722	
	Carriage of bricks	1000 nos.	0.565	0.000	(2201)	0.000	
	Sundries & Scaffolding	1 time	5.200	1.800	(9999)	9.360	
	Labour: mason 1st class	per day	0.450	342.000	(0123)	153.900	(B)
	mason 2nd class	per day	0.450	305.000	(0124)	137.250	(B)
	Coolie	per day	1.550	265.000	(0115)	410.750	(B)
	Bhishti	per day	0.700	277.000	(0101)	193.900	(B)
	Total					4201.452	
	Add for water charges @ 1 %					42.015	
	Total					4243.467	(X)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add GST 12% on "X"(multiplying factor 0.1405)					596.21
	Total					4839.67 (Y)
	Add 15% for contractor's profit and overheads on "Y"					725.95
	Cost of 10 sqm					5565.625
	Cost of 1 sqm					556.562
	Add labour cess @ 1%					5.570
	Rate including labour cess					562.132
			Say	**Rs.562.10**	**per sqm**	
6.19B	**Extra for half Brick masonry in superstructure above pinth level upto floor V level.**					
	Details of cost for 10 sqm					
	Labour:					
	mason 1st class	per day	0.150	342.000	(0123)	51.300
	mason 2nd class	per day	0.150	305.000	(0124)	45.750
	Coolie	per day	0.450	265.000	(0115)	119.250
	Extra labour for lifting materials:	per day	1.290	265.000	(0115)	341.850
	Coolie 10x0.115x75x1.5					
	Total					558.150
	Add for water charges @ 1 %					5.582
	Total					563.732 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					79.20
	Total					642.94 (Y)
	Add 15% for contractor's profit and overheads on "Y"					96.44
	Cost of 10 sqm					739.376
	Cost of 1 sqm					73.938
	Add labour cess @ 1%					0.739
	Rate including labour cess					74.677
			Say	**Rs.74.70**	**per sqm**	
6.20B	**Extra for half brick masonry in superstructure.Above floor V level for every four floors or part there of**					
	Details of cost for 10 sqm per fioofv tevel.					
	Extra labour element for lifting of materials above floor V level 10sqm x 0.115mx 0.75 x 2.00 = 2.15					
	Coolie	per day	1.730	265.000	(0115)	458.450
	Add for water charges @ 1%					4.585
	Total					463.035 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					65.06
	Total					528.09 (Y)
	Add 15% for contractor's profit and overheads on "Y"					79.21
	Cost of 10 sqm					607.304
	Cost of 1 sqm					60.730
	Add labour cess @ 1%					0.607
	Rate including labour cess					61.338
			Say	**Rs.61.30**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
6.21B	**Extra for providing and placing in position 2 Nos, 6 mm dia , MS bars at every third course of half brick masonry (with F. P. S. bricks)**					
	Details of cost for 10 sqm					
	(a) 6 mm dia, MS bars (round) 2 Nos. @ 30					
	meter/10 sqm = 60 metre @ 0.22 kg/m=13,2kg	quintal	0.132	4532.000	(1004)	598.224
	(b)Carriage of MS bars Sundries	tonne	0.013	0.000	(2205)	0.000
	Sundries	1 time	0.700	1.800	(9999)	1.260
	Total					599.484
	Add for water charges @ 1 %					5.995
	Total					605.479 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					85.07
	Total					690.55 (Y)
	Add 15% for contractor's profit and overheads on "Y"					103.58
	Cost of 10 sqm					794.131
	Cost of 1 sqm					79.413
	Add labour cess @ 1%					7.940
	Rate including labour cess					87.353
			Say	**Rs.87.40**	**per sqm**	
	BRICK TILE WORK					
6.23B	**Tile brick masonry with tile bricks of class desgnation 100 in foundation and plinth in :**					
6.23.7B	**Cement mortar 1:4 (1 cement :4 coarse sand)**					
	Detials of cost for 1 cum					
	Materials:					
	Brick tiles of class desgnation 100	thousand	0.777	5986.000	(1984)	4651.12
	Cement mortar 1:4	cum	0.400	2534.722	(2113)	1013.89
	Carriage of brick tiles	1000 nos	0.777	0.000	(2207)	0.00
	Sundries	1 time	1.750	1.800	(9999)	3.15
	Labour:					
	mason 1st class	per day	0.700	342.000	(0123)	239.40
	mason 2nd class	per dav	0.700	305.000	(0124)	213.50
	Coolie	per da,	1.540	265.00	(0115)	408.10
	Bhishti	per day	0.200	277.00	(0101)	55.40
	Total					6584.56
	Add for water charges @ 1 %					65.85
	Total					6650.41 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					934.38
	Total					7584.79 (Y)
	Add 15% for contractor's profit and overheads on "Y"					1137.72
	Cost of 1 cum					8722.51
	Add labour cess @ 1%					87.23
	Rate including labour cess					8809.74
			Say	**8809.70**	**per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
6.23.8B	**Cement mortar 1.6 (1 cement :6 coarse sand) Detials of cost for 1 cum**					
	Materials:					
	Brick tiles of class desgnation 100	thousand	*0.777*	*5986.00*	(1984)	4651.12
	Cement mortar 1:6	cum	0.400	1823.10	(2115)	729.24
	Carriage of brick tiles	1000 nos.	0.777	0.00	(2207)	0.00
	Sundries	1 time	1.750	1.80	(9999)	3.15
	Labour:					
	mason 1st class	per day	0.700	342.00	(0123)	239.40
	mason 2nd class	per day	0.700	305.00	(0124)	213.50
	Coolie	per day	1.540	265.00	(0115)	408.10
	Bhishti	per day-	0.200	277.00	(0101)	55.40
	Total					6299.91
	Add for water charges @ 1 %					63.00
	Total					6362.91 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					893.99
	Total					7256.90 (Y)
	Add 15% for contractor's profit and overheads on "Y"					1088.54
	Cost of 1 cum					8345.44
	Add labour cess @ 1%					83.45
	Rate including labour cess					8428.89
			Say	**Rs.8428.90**	**per cum**	
6.24B	**Extra for tile bricks masonry with tile bricks of class designation 100B in superstructure fromplinth level upto floor five level.**					
	Details of cost for 1 cum					
	cost of scaffolding etc.	1 time	13.000	1.800	(9999)	23.400
	Labour:					
	mason 1st class	per day	0.200	342.000	(0123)	68.400
	mason 2nd class	per day	0.200	305.000	(0124)	61.000
	Coolie	per day	0.260	265.000	(0115)	68.900
	Total					221.700
	Extra labour element for Iligting of materials (upto floor V level) 0.75 x 1.50 = 1.13					221.700
	Coolie	per day	1.130	265.000	(0115)	299.450
	Total					521.150
	Add for water charges @ 1 %					5.212
	Total					526.362 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					73.95
	Total					600.32 (Y)
	Add 15% for contractor's profit and overheads on "Y"					90.05
	Cost of 1 cum					690.363
	Add labour cess @ 1%					6.900
	Rate including labour cess					697.263
			Say	**Rs.697.30**	**per cum**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
6.25B	**Extra for tile brick masonry with tile bricks of class designation 100B in superstructure above floor five level for every four floor or part thereof.**						
	Details of cost per cum ,						
	Extra labour element required for lifting of materials (above floor V level) 0.75x 2.00 = 1.50						
	Coolies	per day	1.500	265.000	(0115)	397.500	
	Add for water charges @ 1 %					3.98	
	Total					401.48	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					56.41	
	Total					457.88	(Y)
	Add 15% for contractor's profit and overheads on "Y"					68.68	
	Cost of 1 cum					526.56	
	Add labour cess @ 1%					5.270	
	Rate including labour cess					531.835	
			Say	**Rs.531.80**	**per cum**		
6.29B	**Tile brick masonry with bricks of class desigation 100 in plain arch work superstructure in cement mortar 1:4 (1 cement: 4 coarse sand) including centring and shuttering complete.**						
	Details of cost for 1 cum						
	Materials:						
	Tile bricks	thousand	0.777	5986.00	(1984)	4651.12	
	Carriage of tile bricks	1000 nos.	0.777	0.00	(2207)	0.00	
	Cement mortar 1:4	cum	0.350	2534.72	(2113)	887.15	
	Sundries	1 time	2.100	1.80	(9999)	3.78	
	Centring and shuttering	sqm	2.250	968.17	(5,14.9)	2178.38	(A)
	Area same as in rterrmo 8.15.2						
	Scaffolding	1 time	7.250	1.80	(9999)	13.05	
	Labour:						
	mason 1st class	per day	0.790	342.00	(0123)	270.18	
	mason 2nd class	per day	0.790	305.00	(0124)	240.95	
	Coolie	per day	3.210	265.00	(0115)	850.65	
	Bhishii	per day	0.200	277.00	(0101)	55.40	
	Total except A					6972.28	
	Add for water charges @ 1 %					69.72	
	Total					7042.01	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					989.40	
	Total					8031.41	(Y)
	Add 15% for contractor's profit and overheads on "Y"					1204.71	
	Cost of 1 cum					11414.50	
	Add labour cess @ 1%					114.14	
	Rate including labour cess					11528.64	
			Say	**11528.60**	**per cum**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
6.30B	**Tie brick masonary with tile bricks of class designation 100B in gauded arch work in superstucture in cement mortar 1:4 (1 cement: 4 coarse sand) including centring and shuttering complete.**						
	Details of cost for 1 cum						
	Materials:						
	Tile bricks	thousand	0.791	5986.000	(1984)	4734.926	
	Carriage of tile bricks	1000 nos.	0.791	0.000	(2207)	0.000	
	Cement mortar 1:4	cum	0.350	2534.722	(2113)	887.153	
	Sundries	1 time	2.100	1.800	(9999)	3.780	
						5625.859	
	Centring and shuttering					5625.859	
	Area same as in itemno : 6.15.2	sqm	2.250	968.167	(5.14.9)	2178.377	(A)
	Scaffolding	1 time	7.250	1.800	(9999)	13.050	
	Labour:						
	mason 1st class	per day	1.500	342.000	(0123)	513.000	
	mason 2nd class	per day	1.500	305.000	(0124)	457.500	
	Coolie	per day	5.330	265.000	(0115)	1412.450	
	Bhishti	per day	0.200	277.000	(0101)	55.400	
	Total					8077.26	
	Add for water charges @ 1 %					80.77	
	Total					8158.03	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1146.20	
	Total					9304.23	(Y)
	Add 15% for contractor's profit and overheads on "Y"					1395.64	
	Cost of 1 cum					12878.25	
	Add labour cess @ 1%					128.780	
	Rate including labour cess					13007.027	
			Say	**Rs.13007.0**	**per cum**		
6.31B	**Tile brick masonry work 5 cm thick with tile bricks of class designation 100B in cement mortar 1:3 (1 cement: 3 coarse sand) in superstructure .**						
	Detiails of cost for 10 sqm						
	Materials:						
	Tile bricks (22.9 cm x 11.2 cm x 5 cm	thousand	0.377	5986.000	(1984)	2256.722	
	Carriage of tile bricks	1000 nos.	0.377	0.000	(2207)	0.000	
	Cement mortar 1:3	cum	0.150	3246.342	(2112)	486.951	
	Sundries and scaffolding	1 time	3.100	1.800	(9999)	5.580	
	Labour:						
	mason 1st class	per day	0.940	342.000	(0123)	321.480	
	mason 2nd class	per day	0.940	305.000	(0124)	286.700	
	Coolie	per day	1.880	265.000	(0115)	498.200	
	Bhishti	per day	0.330	277.000	(0101)	91.410	
	Total					3947.043	
	Add for water charges @ 1 %					39.47	
	Total					3986.51	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					560.11	
	Total					4546.62	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Add 15% for contractor's profit and overheads on "Y"					681.99	
	Cost of 10 sqm					5228.61	
	Cost of 1 sqm					522.86	
	Add labour cess @ 1%					52.290	
	Rate including labour cess					575.151	
			Say	**Rs.575.20**	**per sqm**		
	HONEY COMB WORK						
6.32B	**Honey- comb brick work 10/11.4 cm thick with bricks of class designation 100B in cement mortar • 1:4 (1 cement: 4 coarse sand)**						
	Details of cost 1 sqm of Honey comb brick works						
	Materials:						
	(1) Brick work with bricks of class designations 75						
	in cement mortat 1:4 (1 cement: 4 coarse sand)						
	in superstructure						
	1mx 1 x 0.143 mx 4.5,7.5 = 0.069 cum	cum	0.065	5682.56	(6.1.12 + 6.3)	371.175	
	(2) Extra for delay due to fine work	1 time	7.950	1.800	(9999)	14.310	(A)
	Add for water charges @ 1 % A Only					0.14	(B)
						14.45	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					2.03	
	Total					16.48	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					2.47	
	Cost of 1 sqm					390.13	
	Add labour cess @ 1%					3.900	
	Rate including labour cess					394.031	
			Say	**Rs.394.00**	**per sqm**		
	MOULDING AND CORNICES						
6.39B	**Extra for brick work in or under water mud or liquid mud including cost of pumping or bailing out water — slush etc**						
	Analysis of rate same as itemno 4.29 of S: h. cement concrete work.	cum	1.000	397.328	(4.29)	397.328	
	Cost of 1 cum					397.33	
	Add labour cess @ 1%					3.970	
	Rate including labour cess					401.298	
			Say	**Rs.401.30**	**per cum**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Note : The quantily wilLbe calculated by multiplying the depth measured fromsub-soiLwater level upto the centre of gravity of brick work in cum executed under the sub-soiLwater. With the quantity of brick work in cum executed under the sub-soiLwater. The depth of centre of gravity shalLbe reckoned correct to 0.1 m, 0.05 more shall be taten as o.1 mand less than 0.05. mignored .					
6.41B	**Brick work with selected bricks of class designation 100B in exposed brick work including making horizontal and vertical irooves 10mm wide 12mm deep complete from ground level up to plinth level in cement mortars 1:6(1 cement: 6 corse sand)**					
	Details of cost for 1 cum					
	Bricks of class designation 100B	thousand	0.494	4578.000	(2603)	2261.532
	Carriage of bricKS	1000 nos	0.494	0.000	(2201)	0.000
	cement mortar 1:6 (1 cement: 6 coarse sand)	cum	0.250	1823.102	(2115)	455.776
	Sundries including steel/wooden strips tor making grooves	1 time	6.300	1.800	(9999)	11.340
	Labour: For selection of bricks					
	Beldar	per day	0.500	254.000	(0114)	127.000
	mason 1st class	per day	0.350	342.000	(0123)	119.700
	mason 2nd class	per day	0.350	305.000	(0124)	106.750
	Coolie	per day	1.070	265.000	(0115)	283.550
	Bhishti	per day	0.200	277.000	(0101)	55.400
	Total					3421.048
	Add for water charges @ 1 %					34.21
	Total					3455.26 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					485.46
	Total					3940.72 (Y)
	Add 15% for contractor's profit and overheads on "Y"					591.11
	Cost of 1 cum					4531.83
	Add labour cess @ 1%					45.320
	Rate including labour cess					4577.150
			Say	**Rs.4577.20**	**per cum**	
6.45B	**Extra for exprosed brick work in superstructure above plinth level and upto floor level. 0.75 x 1.5 = 1.13**					
	Details of cost for 1 cum					
	Scaffolding	1 time	6.300	1.800	(9999)	11.340
	Labour:					
	mason 1st class	per day	0.220	342.000	(0123)	75.240
	mason 2nd class	per day	0.220	305.000	(0124)	67.100
	Coolie	per day	0.730	265.000	(0115)	193.450
	(Extra labour element required for lifting of					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	materials . Above floor two level upto floor V level.					
	Coolie	per day	1.130	265.000	(0115)	299.450
						646.580
	Add for water charges © 1%					6.47
						653.05 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					91.75
	Total					744.80 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					111.72
	uosi or i cum					856.52
	Add labour cess @ 1%					8.570
	Rate including labour cess					865.089
			Say	**Rs.865.09**	**per cum**	
6.46B	**Brick work with clay fiyash bricks of class designation 100B in superstructure above plinth level upto floor five level in .**					
6.46.12E	**3 Cement mortar 1:4 (1 cement: 4 coarse sand) Details of cost for 1 cum**					
	Materials:					
	Clay flyash bricks of class designation 100B	thousand	0.494	4578.000	(2603')	2261.532
	Cement mortar 1:4	cum	0.250	2534.722	(2113)	633.681
	Carriage of bricks	1000 nos.	0.494	0.000	(2201)	0.000
	Sundries	1 time	1.050	1.800	(9999)	1.890
	Labour:					
	mason 1st class	per day	0.470	342.000	(0123)	160.740
	mason 2nd class	per day	0.470	305.000	(0124)	143.350
	Coolie	per day	1.800	265.000	(0115)	477.000
	Bhishti	per day	0.200	277.000	(0101)	55.400
	Scaffolding	1 time	3.450	1.800	(9999)	6.210
	(Extra labour element required for lifting of materials (above floor two level upto floor V level.)					
	0.75x1.5 = 1.13					
	Coolie	per day	1.130	265.000	(0115)	299.450
	Total					4039.253
	. Add for water charges @ 1 %					40.393
	Total					4079.65 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					573.19
	Total					4652.84 (Y)
	Add 15% for contractor's profit and overheads on "Y"					697.93
	Cost of 1 cum					5350.761
	Add labour cess @ 1%					53.510
	Rate including labour cess					5404.271
			Say	**Rs.5404.30**	**per cum**	
6.46.14B	**Cement mortar 1:6' (1 cement: 6 coarse sand) Details of cost for 1 cum**					
	Materials:					
	Clay flyash bricks of class designation 100B	thousand	0.494	4578.000	(2603)	2261.532

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Cement mortar 1:6	cum	0.250	1823.102	(2115)	455.776	
	Carriage of bricks	1000 nos.	0.494	0.000	(2201)	0.000	
	Sundries	1 time	1.050	1.800	(9999)	1.890	
	Labour:						
	mason 1st class	per day	0.470	342.000	(0123)	160.740	
	mason 2nd class	per day	0.470	305.000	(0124)	143.350	
	Coolie	per day	1.800	265.000	(0115)	477.000	
	Bhishti	per day	0.200	277.000	(0101)	55.400	
	Scaffolding	1 time	3.450	1.800	(9999)	6.210	
	(Extra labour element required for lifting of materials (above floor two level upto floor V leveL) 0:75x1.5 = 1.13						
	Coolie	per day	1.130	265.000	(0115)	299.450	
	Total					3861.348	
	Add for water charges @ 1%					38.613	
	Total					3899.96	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					547.94	
	Total					4447.91	(Y)
	Add 15% for contractor's profit and overheads on "Y"					667.19	
	Cost of 1 cum					5115.091	
	Add labour cess @ 1%					51.150	
	Rate including labour cess					5166.241	
			Say	**Rs.5166.20**	**per cum**		

SUB HEAD : 6.0 (C)

FLY ASH BRICK WORK

6.0 (C) Fly Ash Brick Work

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
6.1C	**Brick work with fly ash bricks as per IS 12894(2002) & IS 3495 in foundations and plinth in :**					
6.1.12C	**Cement mortar 1:4** (1 cement: 4 coarse sand)					
	Details of cost for 1 cum					
	Materials:					
	Brick work with fly ash bricks as per IS 12894(2002) & IS 3495	thousand	0.494	5156.000	(7007)	2547.064
		cum	0.250	2534.72	(2113)	633.681
	Carriage of bricks	1000 nos	0.494	0.000	(2201)	0.000
	Sundries	1 time	1.050	1.800	(9999)	1.890
	Labour:					
	mason 1st class	per day	0.360	342.000	(0123)	123.120
	mason IInd class	per day	0.360	305.000	(0124)	109.800
	Coolie	per day	1.370	265.000	(0115)	363.050
	Bhishti	per day	0.200	277.000	(0101)	55.400
	Total					3834.005
	Add for water charges @ 1 %					38.340
	Total					3872.345 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					544.06
	Total					4416.41 (Y)
	Add 15% for contractor's profit and overheads on "Y"					662.461
	Cost of 1 cum					5078.870
	Add labour cess @ 1%					50.790
	Rate including labour cess					5129.660
			Say	**Rs.5129.70**	**per cum**	
6.1.14C	**Cement mortar 1:6 (1 cement: 6 coarse sand) Details of cost for 1 cum**					
	Materials:					
	Brick work with fly ash bricks as per IS 12894(2002) & IS 3495	thousand	0.494	5156.000	(2602)	2547.064
	Cement mortar 1:6	cum	0.250	1823.102	(2115)	455.776
	Carriage of bricks	1000 nos.	0.494	0.000	(2201)	0.000
	Sundries	1 time	2.730	1.800	(9999)	4.914
	Labour :					
	mason 1st class	per day	0.360	342.000	(0123)	123.120
	mason IInd class	per day	0.360	305.000	(0124)	109.800
	Coolie	per day	1.370	265.000	(0115)	363.050
	Bhishti	per day	0.200	277.000	(0101)	55.400
	Total					3659.124
	Add for water charges @ 1 %					36.591
	Total					3695.715 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					519.25
	Total					4214.96 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add 15% for contractor's profit and overheads on "Y"					632.244
	Cost of 1 cum					4847.207
	Add labour cess @ 1%					48.470
	Rate including labour cess					4895.677
			Say	**Rs.4895.70**	**per cum**	
6.3C	**Extra for Brick work in superstructure above plinth level upto floor V cum**					
	Details of cost for 1 cum					
	Labour:					
	mason 1st class	per day	0.110	342.000	(0123)	37.620
	mason llnd class	per day	0.110	305.000	(0124)	33.550
	Coolie	per day	0.430	265.000	(0115)	113.950
	Sundries Scaffolding	1 time	22.360	1.800	(9999)	40.248
	Extra Labour elemnt required for lifting of materials (Above floor two leveLupto floor V level.) 0.75*1.5=1.13					
	Coolie	per day	1.130	265.000	(0115)	299.450
	Total					524.818
	Add for water charges @ 1 %					5.248
	Total					530.066 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					74.47
	Total					604.54 (Y)
	Add 15% for contractor's profit and overheads on "Y"					90.681
	Cost or 1 cum					695.222
	Add labour cess @ 1%					6.950
	Rate including labour cess					702.172
			Say	**Rs.702.20**	**per cum**	
6.4C	**Extra for brick work in superstructure above floor V level for each four floors or part thereof. Detail cost for per cum per floor V level Extra labour element required for lifting of materials .75*2.00 = 1.50**				*	
	Coolies	per day	1.500	265.000	(0115)	397.500
	Add for water charges @ 1 %					3.975
	Total					401.475
	Add GST 12% on "X"(multiplying factor 0.1405)					56.41
	Total					457.88 (Y)
	Add 15% for contractor's profit and overheads on "Y"					68.682
	Cost of 1 cum					526.565
	Add labour cess @ 1%					5.270
	Rate including labour cess					531.835
			Say	**Rs.531.80**	**per cum**	

SUB HEAD : 6.0 (D)

BRICK WORK WITH LIME MORTAR

6.0 (D) Brick Work With Lime Mortar

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
6.1.12D	**Brick work with bricks of class designation 100A in foundations and plinth in :**					
a)	**Lime mortar (1:1:1) (1 limeputty: 1shukhi:1coarse sand)**					
	Details of cost for 1 cum					
	Materials:					
	Bricks of class designation 100A	thousand	0.494	5010.000	(2602)	2474.940
	lime mortar mortar 1:1:1	cum	0.280	1991.40	(2103)	557.592
	Carriage of bricks	1000 nos	0.494	0.000	(2201)	0.000
	Sundries	1 time	1.050	1.800	(9999)	1.890
	Labour:					
	mason 1st class	per day	0.360	342.000	(0123)	123.120
	mason llnd class	per day	0.360	305.000	(0124)	109.800
	Coolie	per day	1.370	265.000	(0115)	363.050
	Bhishti	per day	0.200	277.000	(0101)	55.400
	Total					3685.792
	Add for water charges @ 1 %					36.858
	Total					3722.650
	Add GST 12% on "X"(multiplying factor 0.1405)					523.03
	Total					4245.68 (Y)
	Add 15% for contractor's profit and overheads on "Y"					636.852
	Cost of 1 cum					4882.535
	Add labour cess @ 1%					48.830
	Rate including labour cess					4931.365
			Say	**Rs.4931.40**	**per cum**	
6.1.14D	**lime mortar mortar 1:1:2(1 limeputty: 1 surkhi:2 coarse sand) Details of cost for 1 cum**					
	Materials:					
	Bricks of class designation 100A	thousand	0.494	5010.000	(2602)	2474.940
	limemortar 1:1:2	cum	0.280	1645.200	(2144)	460.656
	Carriage of bricks	1000 nos.	0.494	0.000	(2201)	0.000
	Sundries	1 time	1.050	1.800	(9999)	1.890
	Labour :					
	mason 1st class	per day	0.360	342.000	(0123)	123.120
	mason llnd class	per day	0.360	305.000	(0124)	109.800
	Coolie	per day	1.370	265.000	(0115)	363.050
	Bhishti	per day	0.200	277.000	(0101)	55.400
	Total					3588.856
	Add for water charges @ 1 %					35.889
	Total					3624.745 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					509.28
	Total					4134.02 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add 15% for contractor's profit and overheads on "Y"					620.103
	Cost of 1 cum					4754.124
	Add labour cess @ 1%					713.119
	Rate including labour cess					5467.243
			Say	**Rs.5467.20**	**per cum**	
6.3D	**Extra for Brick work in superstructure above plinth level upto floor V cum**					
	Details of cost for 1 cum					
	Labour:					
	mason 1st class	per day	0.110	342.000	(0123)	37.620
	mason llnd class	per day	0.110	305.000	(0124)	33.550
	Coolie	per day	0.430	265.000	(0115)	113.950
	Sundries Scaffolding	1 time	8.600	1.800	(9999)	15.480
	Extra Labour elemnt required for lifting of materials (Above floor two leveLupto floor V level.) 0.75*1.5=1.13					
	Coolie	per day	1.130	265.000	(0115)	299.450
	Total					500.050
	Add for water charges @ 1 %					5.001
	Total					505.051 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					70.96
	Total					576.01 (Y)
	Add 15% for contractor's profit and overheads on "Y"					86.402
	Cost or 1 cum					662.412
	Add labour cess @ 1%					6.620
	Rate including labour cess					669.032
			Say	**Rs.669.00**	**per cum**	

SUB HEAD : 7.0
STONE WORK

7.0 Stone Work

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
A7.1	**Dressing of sand stone for ashlar cyclopean-**					
	Detials of cost for 10 Cudm					
	Labour:					
	Stone mason (plane work) 2 nd class	per day	0.088	305.00	(0125)	26.84
	Blacksmith 1st class	per day	0.006	342.00	(0102)	2.052
	Beldar	per day	0.044	254.00	(0114)	11.18
	Coolie	per day	0.022	265.00	(0115)	5.857
	Bandhani	per day	0.044	270.00	(0100)	11.88
	Cost of 10 cudm					57.80
A7.2	**Dressing of sand stone for moulded work**					
	Details of cost for 10 cudm					
	Labour:					
	Stone mason (plane work) 2nd class	per day	0.291	305.00	(0125)	88.755
	Blacksmith 1 st class	per day	0.006	342.00	(0102)	2.052
	Beldar	per day	0.044	254.00	(0114)	11.176
	Coolie	per day	0.022	265.00	(0115)	5.857
	Bandhani	per day	0.044	270.00	(0100)	11.88
	Cost of 10 cudm					119.70
A7.3	**Dressing of sand stone for ashlar punched**					
	ordinary work					
	Details of cost for 10 cudm					
	Labour:					
	Stone mason (plane work) 2nd dass	per day	0.059	305.00	(0125)	17.995
	Blacksmith 1 st class	per day	0.006	342.00	(0102)	2.052
	Beldar	per day	0.044	254.00	(0114)	11.176
	Coolie	per day	0.022	265.00	(0115)	5.870
	Bandhani	per day	0.044	270.00	(0100)	11.88
	Cost of 10 cudm					48.97
A7.4	**Dressing of sand stone in arch dome's or circular**					
	moulded work					
	Details of cost for 10 cudm					
	Labour:					
	Stone mason (plane work) 2nd dass	per day	0.176	305.00	(0125)	53.68
	Blacksmith 1 st class	per day	0.006	342.00	(0102)	2.052
	Stone mason (ornamental work)	per day	0.176	342.00	(0126)	60.192
	Beldar	per day	0.044	254.00	(0114)	11.18
	Coolie	per day	0.022	265.00	(0115)	5.83
	Bandhani	per day	0.044	270.00	(0100)	11.88
	Cost of 10 cudm					144.80
A7.5	**Dressing of sand stone for ashlar moulded and currved colonic**					
	Details of cost 10 cudm					
	Labour:					
	stone mason (ornamental work) 1st class	per day	0.485	342.00	(0126)	165.87
	Biackmith 1st class	per day	0.006	342.00	(0102)	2.052
	Beldar	per day	0.044	254.00	(0114)	11.18
	Coolie	per day	0.022	265.00	(0115)	5.83

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Bandhani	per day	0.044	270.00	(0100)	11.88
	Cost of 10 cudm					196.80
A7.5	**Dressing of sand stone**					
	Details of cost for 1 sqm					
	Labour:					
	Stone mason (plane work) 2nd class	per day	1.350	305.000	(0125)	411.75
	Blackmith 1 st class	per day	0.032	342.000	(0102)	10.944
	Beldar	per day	0.224	254.000	(0114)	56.90
	Coolie	per day	0.112	265.000	(0115)	29.68
	Bandhani	per day	0.224	270.000	(0100)	60.48
	Cost of 1 sqm					569.80
A7.7	**Fixing charges for stone work including pointing Details of cost for 10 cudm**					
	Labour:					
	Stone mason (plane work) 2nd Class	per day	0.044	305.000	(0125)	13.42
	Blacksmith 1 st class	per day	0.006	342.000	(0102)	2.052
	Beldar	per day	0.022	254.000	(0114)	5.588
	coolie	per day	0.022	265.000	(0115)	5.83
	Bandhani	per day	0.022	270.000	(0100)	5.94
	Bhishti	per day	0.022	277.000	(0101)	6.1217
	Scafolding	1 time	2.730	1.800	(9999)	4.914
	Mortar for laying and pointing	1 time	8.060	1.800	(9999)	14.508
	Cost of 10 cudm					58.40
A7.8	**Fixing charges for stone in veneer work .**					
	Details of cost for 1 sqm					
	Labour:					
	Stone mason (for plain work) 2nd class	per day	0.448	305.000	(0125)	136.64
	Bandhani	per day	0.336	270.000	(0100)	90.72
	Beldar	per day	0.336	254.000	(0114)	85.34
	Coolie	per day	0.336	265.000	(0115)	89.04
	Bhisti	per day	0.336	277.000	(0101)	93.0997
	Scaffolding	1 time	19.760	1.800	(9999)	35.57
	Mortar for laying and poiting	1 time	80.730	1.800	(9999)	145.314
	Cost of 1 sqm					675.70

RANDOM RUBBLE MASONRY

7.1	**Random rubble masonry with hard stone in fourdation and plinth including leveling up with cement concrete 1:6:12 (1 cement: 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at plinth level with .**					
7.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand) Details of cost for 1 cum					
	Materials :					
	Stone at quany	cum	1.000	805.076	(1157)	805.07574
	Through and bond stones 7 nos.	100 Nos	0.070	1172.711	(1154)	82.089804
	Carriage of stone 7.00 x24cm x 24 cm X 39 cm x =					
	0.16 cum , 1.00 cum + 0.16 cum = 1.16 cum	cum	1.160	0.000	(2215)	0.00

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	0.330	1823.102	(2115)	601.62376	
	Labour:						
	Masons 2nd class	per day	1.070	305.000	(0125)	326.35	(A)
	Beldar	per day	1.070	254.000	(0114)	271.78	(A)
	Coolie	per day	0.710	265.000	(0115)	188.15	(A)
	Bhishti	per day	0.090	277.000	(0101)	24.93	(A)
	Cement concrete 1:6.12	1 time	45.760	1.800	(9999)	82.368	
	Sundries	1 time	4.420	1.800	(9999)	7.956	
	Total					2390.3233	
	Add for water cfiarges @ 1 %					23.90	
	Total					2414.23	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					339.20	
	Total					2753.43	(Y)
	Add 15% for contractor's profit and overheads on "Y"					413.014	
	Cost of 1 cum					3166.439	
	Add labour cess @ 1%					31.660	
	Rate including labour cess					3198.099	
			Say	**3198.10**	**per cum**		
7.2	**Extra for random rubble masonry with hard stone in spuerstructure above plinth level and upto floor five level. including leveling up with cement concreter 1:6:12 (1 cement: 6 coarse sand : 12 graded stone aggregate 20 mm nomiinal size) at window sills , ceiling level and the like . Details of cost for 1 cum**						
	Scaffolding etc. .	1 time	25.900	1.800	(9999)	46.62	
	Labour:						
	labour for laying cement concrete	1 time	4.150	1.800	(9999)	7.47	
	mason (2nd dass)	per day	0.270	305.000	(0125)	82.35	
	Beldar	per day	0.380	254.000	(0114)	96.52	
	Extra labour for lifting of materials upto floor v level 0.75x1.50=1.13						
	Coolie	per day	1.130	265.000	(0115)	299.45	
	Total					532.41	
	Add for water charges @ 1 %					5.324	
	Total					537.73	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					75.55	
	Total					613.29	(Y)
	Add 15% for contractor's profit and overheads on "Y"					91.993	
	Cost of 1 cum					705.279	
	Add labour cess @ 1%					7.050	
	Rate including labour cess					712.329	
			Say	**712.30**	**per cum**		
7.3	**Extra for random rubole masonry with hard stone in superstructure above floor V level for every four floors or part therof.**						
	Details of cost per cum						
	Labour:						

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Required for lifting of meterial 1.0x2.00=2.00						
	Beldar	per day	2.000	254.000	(0114)	508	
	Add for water charges @ 1 %					5.080	
	Total					513.08	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					72.09	
	Total					585.17	(Y)
	Add 15% for contractor's profit and overheads on "Y"					87.775	
	Cost of 1 cum					672.943	
	Add labour cess @ 1%					6.730	
	Rate including labour cess					679.673	
			Say	**679.70**	**per cum**		
7.4	**Extra for random rubble rnasomy with hard stone in .**						
7.4.1	**Square or rectangular pillars**						
	Detials of cost for 1 cum						
	Labour:						
	Mason (2nd class)	per day	0.580	305.000	(0125)	176.9	
	Coolie	per day	0.270	265.000	(0115)	71.55	
	Total					248.45	
	Add for water charges @ 1 %					2.485	
	Total					250.935	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					35.26	
	Total					286.19	(Y)
	Add 15% for contractor's profit and overheads on "Y"					42.929	
	Cost of 1 cum					329.119	
	Add labour cess @ 1%					3.290	
	Rate including labour cess					332.409	
			Say	**332.40**	**per cum**		
7.4.2	**Circular pillars**						
	Details of cost for 1 cum						
	-Extra stone	cum	0.290	805.076	(1157)	233.47197	
	Carriage	cum	0.290	0.000	(2215)	0.00	
	Labour:						
	Labour for cutting and dressing stones						
	mason (2nd class)	per day	1.420	305.000	(0125)	433.1	
	Coolie	per day	0.350	265.000	(0115)	92.75	
	Total					759.32197	
	Add for water charges @ 1 %					7.593	
	Total					766.915	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					107.75	
	Total					874.67	(Y)
	Add 15% for contractor's profit and overheads on "Y"					131.200	
	Cost of 1 cum					1005.867	
	Add labour cess @ 1%					10.060	
	Rate including labour cess					1015.927	
			Say	**1015.90**	**per cum**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
7.5	**Extra for random rubble masonry with hard stone curved on plan for a mean radius not exceeding 6m.**					
	Details of cost for 1 cum					
	Extra stone .	cum	0.100	805.076	(1157)	80.51
	Carriage of stones	cum	0.100	0.000	(2215)	0.00
	Labour for cutting and dressing stones-					
	Mason (2nd class)	per day	0.270	305.000	(0125)	82.35
	Coolie	per day	0.530	265.000	(0115)	140.45
	Total					303.31
	Add for water charges @ 1%					3.033
	Total					306.341 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					43.04
	Total					349.38 (Y)
	Add 15% for contractor's profit and overheads on "Y"					52.407
	Cost of 1 cum					401.789
	Add labour cess @ 1%					4.020
	Rate including labour cess					405.809
			Say	**405.80**	**per cum**	
	COURSED RUBBLE MASONRY					
7.6	**Coursed rubble masonry (fist sort) with stone in foundation and plinth with**					
7.6.1	**Cement mortar 1:6(1 cement: 6 coarse sand)**					
	Details of cist for 1 cum					
	Cement mortar 1:6	cum	0.300	1823.102	(2115)	546.931
	Stone at quarry	cum	1.210	805.076	(1157)	974.14165
	Through and bond stone 7 nos.	100 Nos	0.070	1172.711	(1 154)	82.089804
	Carriage of stone 7.00 x 24 cm x 24 cm 39 cm = 0.16 cum 1.21+0.16=1.37 cum	cum	1.370	0.000	(2215)	0
	Labour:					
	Mason (2nd class) -	per day	2.120	305.000	(0125)	646.6
	Beldar	per day	1.240	254.000	(0114)	314.96
	Coolie	per day	0.710	265.000	(0115)	188.15
	Bhisti	per day	0.090	277.000	(0101)	24.93
	Sundries	1 time	13.520	1.800	(9999)	24.336
	Total					2802.138
	Add for water charges @ 1 %					28.021
	Total					2830.160 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					397.64
	Total					3227.80 (Y)
	Add 15% for contractor's profit and overheads on "Y"					484.170
	Cost of 1 cum					3711.966
	Add labour cess @ 1%					37.120
	Rate including labour cess					3749.086
			Say	**3749.10**	**per cum**	
7.7	**Coursed rubble masonry (second sort) with hard stone in foundation & plinth with :-**					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
7.7.1	**Cement mortar 1:6 (1 cement : 6 coarse sand)**						
	Details of cost for 1 cum						
	Materials :						
	Cement mortar 1:6	cum	0.300	1823.102	(2115)	546.931	
	Stone at quarry	cum	1.100	805.076	(1157)	885.58332	(Y)
	Through and bond stones 7 nos.	100 Nos	0.070	1172.711	(1154)	82.089804	(Y)
						1514.60	
	Carriage of stone 7.00 x 24 cm x 24 cm 39 cm = 0.16 cum 1.10+0.16=1.26 cum	cum	1.260	0.000	(2215)	1514.60 0	(Y)
	Labour						(Y)
	Mason (2nd class)	per day	1.760	305.000	(0125)	536.8	(Y)
	Beldar	per day	1.240	254.000	(0114)	314.96	(Y)
	Coolie	per day	0.710	265.000	(0115)	188.15	(Y)
	Bhisti	per day	0.090	277.000	(0101)	24.93	(Y)
	Sundries	1 time	13.520	1.800	(9999)	24.336	(Y)
	Total					2603.78	
	Add for water charges @ 1%					26.038	
	Total					2629.818	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					369.49	
	Total					2999.31	(Z)
	Add 15% for contractor's profit and overheads on "Z"					449.896	
	Cost of 1 cum					3449.203	
	Add labour cess @ 1%					34.490	
	Rate including labour cess					3483.693	
			Say	**3483.70**	**per cum**		
7.8	**Extra for coursed rubble masonry with hard stone (first or second sort) in superstructue above plinth level and upto floor five level.**						
	Details of cost for 1 cum						
	Scaffolding etc.	1 time	24.180	1.800	(9999)	43.524	
	- **Labour:**						
	Mason (2nd class)	per day	0.260	305.000	(0125)	79.3	
	Beldar	per day	0.350	254.000	(0114)	88.9	
	Extra labour for lifting of materials upto floor V level 1.00x1.50=1.50						
	Coolie	per day	1.500	265.000	(0115)	397.5	
	Total					609.224	
	Add for water charges @ 1 %					6.092	
	Total					615.316	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					86.45	
	Total					701.77	(Y)
	Add 15% for contractor's profit and overheads on "Y"					105.265	
	Cost of 1 cum					807.033	
	Add labour cess @ 1%					8.070	
	Rate including labour cess					815.103	
			Say	**815.10**	**per cum**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
7.9	**Extra for coursed rubble masonry with hard stone (first or second sort) in superstructure above floor V level for every four floor's or part thereof. Details of cost per floor per cum**						
	Labour required for lifting of meterial 1.00x2.00= 2.00						
	Beldar	per day	2.000	254.000	(0114)	508	
	Add for water charges @ 1%					5.080	
	Total					513.080	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					72.09	
	Total					585.17	(Y)
	Add 15% for contractor's profit and overheads on "Y"					87.775	
	Cost of 1 cum					672.943	
	Add labour cess @ 1%					6.730	
	Rate including labour cess					679.673	
			Say	**679.70**	**per cum**		
7.10	**Extra for coursed rubble masonry with hard stone (first or second sort) in :**						
7.10.1	**Square or rectangular pillars**						
	Details of cost for 1 cum						
	Labour:						
	Mason (2nd class)	per day	0.670	305.000	(0125)	204.35	
	Coolie	per day	0.270	265.000	(0115)	71.55	
	Total					275.9	
	Add for water charges @ 1 %					2.759	
	Total					278.659	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					39.15	
	Total					317.81	(Y)
	Add 15% for contractor's profit and overheads on "Y"					47.672	
	- Cost of 1 cum					365.482	
	Add labour cess @ 1%					3.650	
	Rate including labour cess					369.132	
			Say	**369.10**	**per cum**		
7.10.2	**Circular pillars**						
	Details of cost for 1 cum						
	Extra stones	cum	0.320	805.076	(1157)	257.62	
	Carriage of sotnes	cum	0.320	0.000	(2215)	0.00	
	Labour for cutting and diressi ng						
	Mason (2nd class}	per day	1.670	305.000	(0125)	509.35	
	Coolie	per day	0.350	265.000	(0115)	92.75	
	Total					859.72	
	Add for water charges @ 1 %					8.60	
	Total					868.32	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					122.00	
	Total					990.32	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add 15% for contractor's profit and overheads on "Y"					148.55
	Cost of 1 cum					1138.87
	Add labour cess @ 1%					11.39
	Rate including labour cess					1150.26
			Say	**1150.30**	**per cum**	
7.11	**Extra for coursed rubble masnory with hard stone (first or second sort) curved on plan for a mean radius not exceeding 6m.**					
	Details of cost for 1 cum					
	Materials :					
	Extra stones	cum	0.110	805.076	(1157)	88.56
	Carriage of stones	cum	0.110	0.000	(2215)	0.00
	our for cutting and dressing stones :					
	Mason (lind class)	per day	0.330	305.000	(0125)	100.65
	Coolie	per day	0.530	265.000	(0115)	140.45
	Total					329.66
	Add for water charges @ 1 %					3.30
	Total					332.95 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					46.78
	Total					379.74 (Y)
	Cost of 1 cum					426.52
	Add labour cess @ 1%					4.27
	Rate including labour cess					430.79
			Say	**430.80**	**per cum**	
	ASHLAR MASONRY					
7.12	**Stone work in plain ashlar in super structure upto floor five level in cement mortar 1:6 (1 cement: 6 coarse sand) including pointing with cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade .**					
7.12.1	**Red sand stone(one face dressed)**					
	Details of cost for 10 cudm					
	Materials :					
	Red sand stone					
	Finished work =10 cudm					
	Add wastage @ 33 % = 3.33 cudm					
	Total =13.33 cudm					
	Cost of stone	10 cudm	1.333	60.50	(1160)	80.64
	Carrigae of stone @ 2.30 kg/cudm = 13.33 x2.30 =60.659 kg = 0.03065 kg say 0.031 t.	tonne	0.031	0.000	(2216)	0.00
	Cement mortar:					
	Extra labour for lifting of meteriais upto floor V level 0.01 x 1.50 = 0.015					
	Coolie	per day	0.015	265.000	(0115)	3.98
	Dressing charges as per item no (A1)	cudm	1.000	57.800	(A7.1)	57.80
	Fixing charges (as per item no. A7)	cudm	1.000	58.400	(A7.7)	58.40
	Total					200.82
	Add for water charges @ 1 %					2.01
	Total					202.83 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add GST 12% on "X"(multiplying factor 0.1405)					28.50
	Total					231.32 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					34.70
	Cost of 0.010 cum					266.02
	Cost of 1 cum					26602.11
	Add labour cess @ 1%					266.02
	Rate including labour cess					26868.13
			Say	**26868.10**	**per cum**	
7.12.2	**White sand stone(one face dressed)**					
	Details of cost for 10 cudm					
	Materials :					
	White sand stone					
	Finished work =10 cudm					
	Add wastage 33.3 % =3.33 cudm					
	. Total =-13.33 cudm					
	Cost of sotne	10cudm	1.3332	65.151	(1161)	86.86
	Carriage of stone @ 2.30 kg/cudm = 13.33 x 2.30 = 30.659 kg = 0.03O65 kg 0.031 t.	tonne	0.031	0.000	(2216)	0
	Dressing charges as per item no. (A1)	cudm	1	57.800	(A7.1)	57.8
	Fixing charges (as per item no. A7)	cudm	1	58.400	(A7.7)	58.4
	Total					203.06
	Add for water charges @ 1%					2.03
	Total					205.089 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					28.82
	Total					233.90 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					35.09
	Cost of 0.010 cum					268.99
	Cost of 1 cum					26899.02
	Add labour cess @ 1%					268.990
	Rate including labour cess					27168.006
			Say	**27168.00**	**per cum**	
7.13	**Stone work plain ashlar in arches in cement mortar 1:3 (1 cement: 3 coarse sand) including centring, shuttering and pointing with white cement mortar 1:2(1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade .**					
7.13.1	**Red sand stone(one face dressed)**					
	Details of cost for 10 cudm					
	Materials					
	Red sand stone					
	Finished work =10 cudm					
	Add wastage @ 33.3 % = 3.33 cudm					
	Total =13.33 cudm					
	Cost of stone	10 cudm	1.333	60.497	(1160)	80.64

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Carriage of stone @ 2.30 kg /cudm = 13.33 x 2.30						
	= 30.659 kg = 0.03065 kg say 0.031 t.	tonne	0.031	0.000	(2216)	0.00	
	Dressing charges as per item no. (A1)	cudm	1	57.800	(A7.1)	57.80	
	Fixing charges (as per item no. A7)	cudm	1	58.400	(A7.7)	58.40	
	Centring and shuttering	1 time	13.52	1.800	(9999)	24.34	
	Extra for using white cement	1 time	8.06	1.800	(9999)	14.51	
	Total					235.69	
	Add for water charges @ 1 %					2.36	
	Total					238.04	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					33.45	
	Total					271.49	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					40.72	
	Cost of 0.010 cum					312.21	
	Cost of 1 cum					31221.18	
	Add labour cess @ 1%					312.21	
	Rate including labour cess					31533.39	
			Say	**31533.40**	**per cum**		
7.13.2	**White sand stone**						
	Details of cost for 10 cudm						
	Materials :						
	White sand stone]						
	Finished work = 10cudm						
	Add wastage @ 33.3% = 3.33cudm						
	Total = 13.33 cudm						
	Cost of stone	10 cudm	1.333	65.151	(1161)	86.845801	
	Carriage of stone @ 2.30 kg/cudm= 13.33 x 2.30						
	= 30.659 kg = 0.03065 kg say 0.031 t.	tonne	0.031	0.000	(2216)	0	
	Dressing charges as per item no. (A1)	cudm	1.000	57.800	(A7.1)	57.80	
	Fixing charges (as per item no. A7)	cudm	1.000	58.400	(A7.7)	58.4	
	Centring and shuttering	1 time	5.200	1.800	(9999)	9.36	
	Extra for using white cement	1 time	3.100	1.800	(9999)	5.58	
	Total					217.9858	
	Add for water charges @ 1 %					2.18	
	Total					220.166	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					30.93	
	Total					251.10	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					37.66	
	Cost of 0.010 cum					288.76	
	Cost of 1 cum					28876.38	
	Add labour cess @ 1%					288.760	
	Rate including labour cess					29165.137	
			Say	**29165.10**	**per cum**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
7.14	**Stone work plain ashlar in domes in cement mortar 1:3 (1 cement: 3 coarse sand) including centring, shuttering and pointing with white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade .**					
7.14.1	**Red sand stone one face dressed**					
	Details of cost for 10 cudm					
	Materials :					
	Red sand stone					
	Finished work =10 cudm					
	Add wastage @ 33.3 % = 3.33 cudm					
	Total =13.33 cudm					
	Cost of stone	10 cudm	1.333	60.497	(1160)	80.668543
	Carriage of stone @ 2.30 kg /cudm = 13.33 x 2.30 = 30.659 kg = 0.03065 kg say 0.031 t.	tonne	0.031	0.000	(2216)	0
	Cement mortar					
	Dressing charges as per item no. (A4)	cudm	1.000	144.80	(A7.4)	144.8
	Fixing charges (asper item no. A7)	cudm	1.000	58.400	(A7.7)	58.4
	Centring and shuttering	1 time	12.750	1.800	(9999)	22.95
	Extra for using white cement	1 time	3.100	1.800	(9999)	5.58
	Total					312.39854
	Add for water charges @ 1 %					3.12
	Total					315.523 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					44.33
	Total					359.85 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					53.98
	Cost of 0.010 cum					413.831
	Cost of 1 cum					41383.146
	Add labour cess @ 1%					413.830
	Rate including labour cess					41796.976
			Say	**41797.00**	**per cum**	
7.14.2	**White sand stone**					
	Details of cost for 10 cudm					
	Materials :					
	White sand stone					
	Finished work =10 cudm					
	Add wastage @ 33.3 % = 3.33 cudm					
	Total = 13.33 cudm					
	Cost of stone	10 cudm	1.333	65.151	(1161)	86.845801
	Carriage of stone @ 2.30 kg /cudm = 13.33 x 2.30 = 30.659 kg = 0.03065 kg say 0.031 t.	tonne	0.031	0.000	(2216)	0
	Dressing charges as per item no. (A1)	cudm	1.000	144.800	(A7.4)	144.8
	Fixing charges (as per item no. A7)	cudm	1.000	58.400	(A7.7)	58.4
	Centring and shuttering	1 time	12.750	1.800	(9999)	22.95
	Extra for using white cement	1 time	3.100	1.800	(9999)	5.58
	Total					318.5758
	Add for water charges © 1%					3.186
	Total					321.762 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					45.21

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Total					366.97 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					55.05
	Cost of 0.010 cum					422.014
	Cost of 1 cum					42201.442
	Add labour cess @ 1%					422.010
	Rate including labour cess					42623.452
			Say Rs.	**42623.50**	**per cum**	
7.15	**Stone work ashlar punched (ordinary) in superstructure upto floor five level in cement mortar 1:6 (1 white cement: 6 coarse sand) including pointing with cement mortar 1:2 (1 cement :,2 stone dust) with an admixture of pigment matching the stone shade .**					
7.15.1	**Red sand stone (one face punched)**					
	Details of cost for 10 cudm					
	Materials:					
	Red sand stone					
	Finished work =10 cudm					
	Add wastage @ 33.3 % = 3.33 cudm					
	Total =13.33 cudm					
	Cost of stone	10 cudm	1.333	60.497	(1160)	80.64
	Carriage of stone @ 2.30 kg /cudm = 13.33 x 2.30 = 30.659 kg = 003065 kg say 0.031 t.	tonne	0.031	0.000	(2216)	0.00
	Cement mortar					
	Dressing charges as per item no. (A3)	cudm	1.000	48.973	(A7.3)	48.97
	Fixing charges (as per item no. A7)	cudm'	1.000	58.400	(A7.7)	58.4
	Extra labour for lifting of materials upto floor V level 0.01 x 1.50 = 0.015					
	Coolie	per day	0.015	265.000	(0115)	3.975
	Total					191.99
	Add for water charges @ 1 %					1.920
	Total					193.910 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					27.24
	Total					221.15 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					33.17
	Cost of 0.010 cum					254.328
	Cost of 1 cum					25432.775
	Add labour cess @ 1%					254.330
	Rate including labour cess					25687.105
			Say Rs.	**25687.10**	per cum	
7.15.2	**White sand stone**					
	Details of cost for 10 cudm					
	White sand stone					
	Finished work =10 cudm					
	Add wastage @ 33.3 % = 3.33 cudm					
	Total =13.33 cudm					
	Cost of stone	10 cudm	1.333	65.151	(1161)	86.845801
	Carriage of stone @ 2.30 kg /cudm = 13.33 x 2.30 = 30.659 kg = 0.03065 kg say 0.031 t.	tonne	0.031	0.000	(2216)	0

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Dressing charges as per item no. (A3)	cudm	1.000	48.973	(A7.3)	48.97275	
	Fixing charges (as per item no. A7)	cudm	1.000	58.400	(A7.7)	58.4	
	Extra labour for lifting of materals upto floor V level 0.01 x 1.50 = 0.015						
	Coolie	per day	0.150	265.000	(0115)	39.75	
	Total					233.96855	
	Add for water charges @ 1%					2.340	
	Total					236.308	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					33.20	
	Total					269.51	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					40.43	
	Cost of 0.010 cum					309.936	
	Cost of 1 cum					30993.598	
	Add labour cess @ 1%					309.940	
	Rate including labour cess					31303.538	
			Say Rs.	**31303.50**	**per cum**		
7.16	**Extra for stone work, plain ashlar or ashiar punched above floor V for every four floors or part there of.**						
	Details of cost for 10 cudm per floor V level						
	Labour required for lifting of material (above floor five level for each additonal five floors), Extra labour for lifting of materials upto floor V level) 0.01 x 2.0 = 0.020						
	Beldar	per day	0.020	254.000	(0114)	5.08	
	Add for water charges @ 1 %					0.051	
	Total					5.131	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					0.72	
	Total					5.85	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					0.88	
	Cost of 0.010 cum					6.729	
	Cost of 1 cum					672.943	
	Add labour cess @ 1%					6.730	
	Rate including labour cess					679.673	
			Say Rs.	**679.70**	**per cum**		
7.17	**Extra for plain ashiar or ashiar punched in :**						
7.17.1	**Square or rectangular pillars**						
	Details of cost for 10 cudm						
	Labour and materials	1 time	3.450	1.800	(9999)	6.21	
	Add for water charges @ 1%					0.062	
	Total					6.272	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					0.88	
	Total					7.15	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					1.07	
	Cost of 0.010 cum					8.226	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Cost of 1 cum					822.633
	Add labour cess @ 1%					8.230
	Rate including labour cess					830.863
			Say Rs.	**830.90**	**per cum**	
7.19	**Extra for additional cost of centing for arches exceeding 6m span including all strutting , bolting,wedging etc , and removal (area of soffit to be measured).**					
	Analysis is same as for item no 6.17 subhead brick work .		1.000	253.247	(6.17)	253.247
	Add labour cess @ 1%					2.530
	Rate including labour cess					255.777
			Say Rs.	**255.80**	**per cum**	
7.20	**Stone work sunk or moulded or sunk and moulded upto floor five level trrcement mortar 1:6 (1 cement: 6 coarse sand) inculding pointing with white cement mortar 1:2 (1 cement: 2 stone dust) with an admixture of pigment matching the stone shade:**					
7.20.1	Red sand stone					
	Details of cost for 10 cudm					
	Materials :					
	Red sand stone -					
	Finished work =10 cudm					
	Add wastage @ 33.3 % = 3.33 cudm					
	Total =13.33 cudm					
	Cost of stone	10 cudm	1.333	65.151	(1161)	86.845801
	Cement mortar .					
	Carriage of stone @ 2.30 kg /cudm = 13.33 x 2.30 = 30.659 kg = 0.03065 kg say 0.031 t.	tonne	0.031	0.000	(2216)	0.00
	Extra for using white cement	1 time	3.100	1.800	(9999)	5.58
	Dressing charges as per item no. (A2)	cudm	1.000	119.700	(A7.2)	119.70
	Fixing charges (as per item no. A7)	cudm	1.000	58.400	(A7.7)	58.40
	Extra labour for lifting of materals upto floor V level 0.01 x 1.50 = 0.015					
	Coolie	per day	0.150	265.000	(0115)	39.75
	Total					310.28
	Add for water charges @ 1 %					3.103
	Total					313.379 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					44.03
	Total					357.41 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					53.61
	Cost of 0.010 cum					411.019
	Cost of 1 cum					41101.948
	Add labour cess @ 1%					411.020
	Rate including labour cess					41512.968
			Say Rs.	**41513.00**	**per cum**	
7.20.2	**White sand stone**					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Details of cost for 10 cudm						
	White sand stone-						
	Finished work = 10 cudm						
	Add wastage @ 33.3 % = 3.33 cudm						
	Total =13.33 cudm						
	Cost of stone	10 cudm	1.333	65.151	(1161)	86.85	
	Carriage of stone @ 2.30 kg /cudm = 13.33 x 2.30						
	= 30.659 kg = 0.03065 kg say 0.031 t.	tonne	0.031	0.000	(2215)	0.00	
	Extra using white cement	1 time	3.100	1.800	(9999)	5.58	
	Dressing charges as per item no. (A2)	cudm	1.000	119.700	(A7.2)	119.70	
	Fixing charges (as per item no. A7)	cudm	1.000	58.400	(A7.7)	58.40	
	Extra labour for lifting of materals upto floor V level						
	0.01 x 1.50 = 0.015						
	Coolie	per day	0.500	265.000	(0115)	132.50	
	Total					403.03	
	Add for water charges @ 1 %					4.03	
	Total					407.06	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					57.19	
	Total					464.25	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					69.64	
	Cost of 0.010 cum					533.88	
	Cost of 1 cum					53388.46	
	Add labour cess @ 1%					533.88	
	Rate including labour cess					**53922.34**	
			Say Rs.	**53922.30**	**per cum**		
7.21	**Extra for stone work sunk or moulded or sunk and moulded or carved in .**						
7.21.1	**Triangular or Square or rectangular pillars**						
	Details of cost for 10 cudm						
	Labour	1 time	11.700	1.800	(9999)	21.06	
	Add for water charges @ 1%					0.211	
	Total					21.271	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					2.99	
	Total					24.26	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					3.64	
	Cost of 0.010 cum					27.898	
	Cost of 1 cum					2789.799	
	Add labour cess @ 1%					27.900	
	Rate including labour cess					2817.699	
			Say Rs.	**2817.70**	**per cum**		
7.21.2	**Circular or polygonal pillars**						
	Details of cost for 10 cudm						
	Labour	1 time	33.150	1.800	(9999)	59.67	
	Add for water charges @ 1 %					0.597	
	Total					60.267	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					8.47	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Total					68.73	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					10.31	
	Cost of 0.010 cum					79.044	
	Cost of 1 cum					7904.430	
	Add labour cess @ 1%					79.040	
	Rate including labour cess					7983.470	
			Say Rs.	**7983.50**	**per cum**		
7.22	**Extra for stone work sunk or moulded in cornices .**						
	Details of cost for a cornice 30 cm long 60 cm deep and 15 cm projection						
	Extra labour .						
	Stone mason (2nd class)	per day	0.500	305.000	(0125)	152.50	(Y)
	Beldar	per day	0.750	254.000	(0114)	190.5	(Y)
	Total					343.00	
	Add for water charges @ 1 %					3.430	(Y)
	Total					346.430	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					48.67	
	Total					395.10	(M)
	Add GST 12% on "X"(multiplying factor 0.1405)					55.51	
	Total					450.62	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					67.59	
	Extra cost of 0.3 m length & 75 cm (exposed periphery)					518.208	
	Extra, cost of 1 cm x 1 m y/0.3x75						
	Cost of 1 metre per cm grith					23.031	
	Add labour cess @ 1%					0.230	
	Rate including labour cess					23.261	
			Say Rs.	**23.30**	**per cum**		

MISCELLANEOUS STONE WORK

7.23 **Stone work (machine cut edge) for wall lining etc. (veneer work) upto 10m height,backing filled with a grout of average 12 mm thick bed of cement mortar 1:3 (1cement:3coarse sand) including pointing in white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade: (To be secured to the backing by means of cramps which shall be paid for separately)**

7.23.1 **Red sand stone- exposed face fine dressed with rough backing**

7.23.1.1 70 mm thick

Details of cost for 1 sqm

Finished work = .70 cudm

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Add wastage @ 33.3 % = 23.33 cudm						
	Total =93,33 cudm						
	Cost of stone	10 cudm	9.333	60.497	(1160)	564.62	
	Carriage of stone @ 2.30 kg /cudm .	tonne	0.215	0.000	(2216)	0.00	
	Cement mortar						
	Extra using white cement	1 time	26.910	1.800	(9999)	48.44	
	Dressing charges as per item no. (A6)	sqm	1.000	569.800	(A7.6)	569.80	
	Fixing charges as per item no. (A8)	sqm	1.000	675.700	(A7.8)	675.70	
	Total					1858.56	
	Add for water charges @ 1 %					18.59	
	Total					1877.14	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					263.74	
	Total					2140.88	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					321.13	
	Cost of 1 sqm					2462.01	
	Add labour cess @ 1%					24.62	
	Rate including labour cess					2486.63	
			Say Rs.	**2486.60**	**per sqm**		
7.23.1.2	**60 mm thick**						
	Detials of cost for 1 sqm						
	Finished work = 60 cudm						
	Add wastage @ 33.3% = 20 cudm						
	Total = 80 cudm						
	Cost of stone	**10 cudm**	**8.000**	**60.497**	**(1160) '**	**483.98**	
	Carriage of stone @ 2.30 kg / cudm	tonne	0.184	0.000	(2216)	0.00	
	Extra for using white cement	1 time	26.910	1.800	(9999)	48.44	
	Dressing charges as per item no (A6)	sqm	1.000	569.800	(A7.6)	569.80	
	Fixing charges as per item no (A8)	sqm	1.000	675.700	(A7.8)	675.70	
	Total					1777.91	
	Add for water charges @ 1 %					17.78	
	Toatal					1795.69	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					252.29	
	Total					2047.99	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					307.20	
	Cost of 1 sqm					2355.19	
	Add labour cess @ 1%					23.55	
	Rate including labour cess					2378.74	
			Say Rs.	**2378.70**	**per sqm**		
7.23.1.3	**50 mm thick**						
	Detials of cost for 1 sqm						
	Finished work = 50 cudm						
	Add wastage @ 33.3% = 16.7 cudm						
	Total =66.7 cudm						
	Cost of stone	10 cudm	6.670	60.497	(1160)	403.52	
	Carriage of stone @ 2.30 kg / cudm	tonne	0.153	0.000	(2216)	0.00	
	Extra for using white cement	1 time	26.910	1.800	(9999)	48.44	
	Dressing charges as per item no (A6)	sqm	1.000	569.800	(A7.6)	569.80	
	Fixing charges as per item nc (A8)	sqm	1.000	675.700	(A7.8)	675.70	
	Total					1697.45	
	Add for water charges @ 1 %					16.97	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Total					1714.43	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					240.88	
	Total					1955.30	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					293.30	
	Cost of 1 sqm					2248.60	
	Add labour cess @ 1%					22.49	
	Rate including labour cess					2271.09	
			Say Rs.	**2271.10**	**per sqm**		
7.23.1.4	**40 mm thick**						
	Detials of cost for 1 sqm						
	Finished work = 40 cudm						
	Add wastage @ 33.3% = 13.33 cudm						
	Total = 53.33 cudm						
	Cost of stone	10 cudm	5.333	60.497	(1160)	322.63	
	Carriage of stone @ 2.30 kg / cudm	tonne	0.123	0.000	(2216)	0.00	
	Extra for using white cement	1 time	26.910	1.800	(9999)	48.44	
	Dressing charges as per item no (A6)	sqm	1.000	569.800	(A7.6)	569.80	
	Fixing charges as per item no (A8)	sqm	1.000	675.700	(A7.8)	675.70	
	Total					1616.57	
	Add for water charges @ 1 %					16.17	
	Total					1632.73	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					229.40	
	Total					1862.13	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					279.32	
	Cost of 1 sqm					2141.45	
	Add labour cess @ 1%					21.41	
	Rate including labour cess					2162.86	
			Say Rs.	**2162.90**	**per sqm**		
7.23.2	**White sand stone**						
7.23.2.1	**70 mm thick**						
	Detials of cost for 1 sqm						
	Finished work = 70 cudm						
	Add wastage @ 33.3% = 23.33 cudm						
	Total = 93.33 cudm						
	Cost of stone	10 cudm	9.333	65.151	(1161)	608.05	
	Carriage of stone @ 2.30 kg / cudm	tonne	0.215	0.000	(2216)	0.00	
	Extra for using white cement	1 time	26.910	1.800	(9999)	48.44	
	Dressing charges as per item no (A6)	sqm	1.000	569.800	(A7.6)	569.80	
	Fixing charges as per item no (A8)	sqm	1.000	675.700	(A7.8)	675.70	
	Total					1901.9889	
	Add for water charges @ 1 %					19.020	
	Total					1921.009	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					269.90	
	Total					2190.91	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					328.64	
	Cost of 1 sqm					2519.55	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Add labour cess @ 1%					25.20	
	Rate including labour cess					2544.75	
			Say Rs.	**2544.70**	**per sqm**		
7.23.2.2	**60 mm thick**						
	Detials of cost for 1 sqm						
	Finished work = 60 cudm						
	Add wastage @ 33.3% = 20 cudm						
	Total = 80 cudm						
	Cost of stone	10 cudm	8.000	65.151	(1161)	521.20511	
	Carriage of stone @ 2.30 kg / cudm	tonne	0.184	0.000	(2216)	0	
	Extra for using white cement	1 time	26.910	1.800	(9999)	48.438	
	Dressing charges as per item no (A6)	sqm	1.000	569.800	(A7.6)	569.8	
	Fixing charges as per item no (A8)	sqm	1.000	675.700	(A7.8)	675.7	
	Total					1815.1431	
	Add for water charges @ 1 %					18.151	
	Total					1833.295	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					257.58	
	Total					2090.87	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					313.63	
	Cost of 1 sqm					2404.503	
	Add labour cess @ 1%					24.050	
	Rate including labour cess					2428.553	
			Say Rs.	**2428.60**	**per sqm**		
7.23.2.3	**50 mm thick**						
	Detials of cost for 1 sqm						
	Finished work = 50 cudm						
	Add wastage @ 33.3% = 16.7 cudm						
	Total = 66.7 cudm						
	Cost of stone	10 cudm	6.670	65.151	(1161)	434.55476	
	Carriage of stone @ 2.30 kg / cudm	tonne	0.153	0.000	(2216)	0	
	Extra for using white cement	1 time	26.910	1.800	(9999)	48.438	
	Dressing charges as per item no (A6)	sqm	1.000	569.800	(A7.6)	569.8	
	Fixing charges as per item no (A8)	sqm	1.000	675.700	(A7.8)	675.7	
	Total					1728.4928	
	Add for water charges @ 1 %					17.285	
	Total					1745.778	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					245.28	
	Total					1991.06	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					298.66	
	Cost of 1 sqm					2289.718	
	Add labour cess @ 1%					22.900	
	Rate including labour cess					2312.618	
			Say Rs.	**2312.60**	**per sqm**		
7.23.2.4	**40 mm thick**						
	Detials of cost for 1 sqm						

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Finished work = 40 cudm						
	Add wastage @ 33.3% = 13.3 cudm						
	Total = 53.3 cudm						
	Cost of stone	10 cudm	5.33	65.15	(1161)	347.25	
	Carriage of stone @ 2.30 kg / cudm	tonne	0.12	0.00	(2216)	0.00	
	Extra for using white cement	1 time	26.91	1.80	(9999)	48.44	
	Dressing charges as per item no (A6)	sqm	1.00	569.80	(A7.6)	569.80	
	Fixing charges as per item no (A8)	sqm	1.00	675.70	(A7.8)	675.70	
	Total					1641.19	
	Add for water charges @ 1 %					16.41	
	Total					1657.60	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					232.89	
	Total					1890.50	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					283.57	
	Cost of 1 sqm					2174.07	
	Add labour cess @ 1%					21.74	
	Rate including labour cess					2195.81	
			Say Rs.	**2195.80**	**per sqm**		
7.24	**Extra for stone work (veneer work) curved on plan**						
	with a mean radius not exceeding 6m.						
	Details of cost for 10 cudm	1 time	8.970	1.800	(9999)	16.146	
	Labour and materials					0.030	
	Total					16.176	
	Add for water charges @ 1 %					0.162	
	Total					16.338	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					2.30	
	Total					18.63	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					2.79	
	Cost of 10 cudm					21.43	
	Cost of 1 cum					2142.8198	
	Add labour cess @ 1%					0.210	
	Rate including labour cess					2164.458	
			Say Rs.	**2164.50**	**per cum**		
7.25	**Providing and fixing gun metaL cramps of required shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 fine sand) including making the necessary chases .**						
7.25.1	**25x6 mm - 30M long**						
	Details of cost for 1 cramp-						
	Materials :						
	Gun metal cramp	each	1	74.46	(0373)	74.458	
	Labour for fixing the cramp in position	1 time	2.05	1.800	(9999)	3.690	
	Cement mortar 1:2 (1 cement: 2 corse sand)	cum	0.001	4157.64	(2111)	4.158	
	Total					82.306	
	Add for water charges @ 1 %					0.823	
	Total					83.129	(X)

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add GST 12% on "X"(multiplying factor 0.1405)					11.68
	Total					94.81 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					14.22
	Cost of 1 cramp					109.029
	Add labour cess @ 1%					1.090
	Rate including labour cess					110.119
			Say Rs.	**110.10**	**per each**	
7.26	**Providing and fixing stone dowels 10x5x2.50 cm cut to double wedge shape as per design in cement mortar 1:2 (1 cement: 2 fine sand) including making the necessary chases**					
	. Details of cost for one dowel					
	Cost of stone including carriage	1 time	9.1	1.800	(9999)	16.380
	Labour for dressing dowel cutting chase and fixing etc.	1 time	5.33	1.800	(9999)	9.594
	Cement motar 1:2 (1 cement: 2 corse sand)	cum	0.001	4157.64	(2111)	4.158
	Total					30.132
	Add for water charges @ 1 %					0.301
	Total					30.433 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					4.28
	Total					34.71 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					5.21
	Cost of 1 dowel					39.915
	Add labour cess @ 1%					0.400
	Rate including labour cess					40.315
			Say Rs.	**40.30**	per each	
7.27	**Providing and fixing copper pins 7.5 cm long 6 mm diameter for. securing adjacent stones in stone wail lining in cement mortar 1:2 (1 cement: 2 fine sand) including making the necessary chases .**					
	Details of cost for one copper pin-					
	Materials: Copper pin	each	1	7.5	(0873)	7.500
	Labour for fixing in position	1 time	3.9	1.800	(9999)	7.020
	Cement mortar 1:2(1 cement: corse sand)	cum	0.001	4157.64	(2111)	4.158
	Sundries including hire charges of hand cut machine etc	LS	1.95	1.80	(9999)	3.510
	Total					22.188
	Add for water charges @ 1 %					0.222
	Total					22.410
	Add GST 12% on "X"(multiplying factor 0.1405)					3.15
	Total					25.56
	Add for contractor's profit and over-heads @ 15% on "Y"					3.83
	Cost of 1 copper pin					29.392
	Add labour cess @ 1%					0.290
	Rate including labour cess					29.682
			Say Rs.	**29.70**	**per each**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
7.29	**Providing and fixing horizontal chajja of stone 40 mm thick and upto 80 cm projection in cement mortar 1:4 (1 cement: 4 coarse sand) including ' pointing in white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade.**					
7.29.1	**Red sand stone**					
	Details of cost for 2.5x 0.75 m =) 1.875 sqm					
	Taking 2.6x 75 cm projection + 15 cm bearing = 2.5mx0.9 = 2.25 sqm					
	Cost of stone	sqm	2.250	186.145	(1164)	418.83
	Carriage @ 2.3 kg/cudm	tonne	0.227	0.000	(2216)	0.00
	Labour for dressing :					
	Mason (2nd class for stone work	per day	0.450	305.000	(0125)	137.25
	Mortar for pointing 1:2	1 time	53.820	1.800	(9999)	96.88
	Pigment	1 time	6.240	1.800	(9999)	11.23
	Extra cost of white cement	1 time	26.910	1.800	(9999)	48.44
	Labour Mason (2nd class)	per day	0.600	305.000	(0125)	183.00
	Beldar	per day	0.800	254.000	(0114)	203.20
	Scaffolding and sundries	1 time	13.520	1.800	(9999)	24.34
	Total					1123.16
	Add for water charges @ 1 %					11.23
	Total					1134.39 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					159.38
	Total					1293.77 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					194.07
	Cost of 1.875 sqm					1487.84
	Cost of 1 sqm					793.51
	Add labour cess @ 1%					7.94
	Rate including labour cess					801.45
			Say Rs.	**801.50**	per sqm	
7.29.2	**White sand stone**					
	Details of cost for (2.5x0.75m) 1.875 sqm.					
	MATERIAL					
	Taking 2.5mx75cm projection + 15cm bearing = 2.5x0.9 = 2.25 sqm.					
	White sand stone slab 40 mm thick (un-dressed)	sqm	2.25	186.14	(1165)	418.83
	Carriage of Stone blocks white & red sand stone & kota stone slab @ 2.3kg/cudm.	tonne	0.227	0.00	(2216)	0.00
	Labour for dressing:					
	Mason (for plain stone work) 2nd class)	day	0.45	305.00	(0125)	137.25
	Mortar for pointing 1:2	L.S.	53.82	1.80	(9999)	96.88
	Pigment	L.S.	6.24	1.80	(9999)	11.23
	Extra cost of white cement	L.S.	26.91	1.80	(9999)	48.44
	LABOUR					
	Mason (for plain stone work) 2nd class)	day	0.60	305.00	(0125)	183.00
	Beldar	day	0.80	254.00	(0114)	203.20
	Scaffolding and sundries etc.	L.S.	13.52	1.80	(9999)	24.34
	TOTAL					1123.16

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add 1 % Water charges					11.23
	TOTAL					1134.39 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					159.38
	Total					1293.77 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					194.07
	Cost of 1.875 sqm.					1487.84
	Cost of 1 sqm.					793.51
	Add labour cess @ 1%					7.940
	Rate including labour cess					801.453
			Say Rs	801.500	per sqm	
7.30	**30 mm red sand stone sun-shade (chisel-dressed) supported on red sand stone brackets, fixed in walls with cement mortar 1:4 (1 cement :4 coarse sand) including finishing complete.**					
	Details of cost for window 1 ;6					
	lengh and 0.70 mm width = 1.12 sqm					
	Materials:					
	Red stone slab (chisel dressed) 30 mm average					
	thickness overall width 0.70 + 0.15 = 0.85 metres					
	Total area = 1.6 x 0.85 = 1.36 sqm					
	Red stone brackets (chisel dressed) 30 mm					
	average thickness over all width of brackets					
	0.53+0.23=0.76 m					
	2x0.3x0.76 =0.46					
	Total 1.36+0.46 = 1.82 sqm					
	Add wastage @ 10 % = 0.18 sqm					
	Total =2.00 sqm		2.000	324.924	(7.33-A)	649.85 (B)
	Cement mortar 1:4					
	Labour	1 time	13.520	1.800	(9999)	24.34
	Stone mason (plain) 2nd class	per day	0.500	305.000	(0125)	152.50
	Beldar	per day	0.500	254.000	(0114)	127.00
	Add for water charges @ 1 % except on (B)					3.04
	Total except B					306.87
	Add GST 12% on "X"(multiplying factor 0.1405)					43.12
	Total					349.99 (Y)
	Add for contractor's profit and overhead @ 15 % except on (B)					52.50
						402.49
	Cost of 1.12 sqm					1052.34
	Cost of 1 sqm					939.59
	Add labour cess @ 1%					9.40
	Rate including labour cess					948.99
			Say Rs.	949.000	per sqm	
7.31	**Providing and fixing red sand stone brackets 55x22.5x45 cm sunk and moulded including providing.and fixing with 4 Nos. gun metal cramp 25x6 mm. 30 cm long and dowel bars 7.5 cm long 6 mm dia as per design .**					
	Details of cost for 1 bracket					
	Quantity of stone for 1 bracket					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	1x55x22.5x45 cm =0.056 cum or 56 cum						
	Red sand stone =56 cudm						
	Add wastage 10 % = 5.6 cudm						
	Total . =61.6 cudm	10 cudm	6.160	60.497	(1160)	372.662	
	Carriage		0.140	0.000	(2216)	0.000	
	Dressing charges as per item No. (A2)	cudm	6.160	119.700	(A7.2)	737.352	
	Cost of gun metal cramps 25x6 mm x 30 cm long	each	4.000	74.458	(0373)	297.831	
	Fixing charges as per item (A7)	cudm	5.600	58.400	(A7.7)	327.040	
	Extra labour for ornamental finish :						
	Stone mason (Ornamental)	per day	0.950	342.000	(0126)	324.900	
	Total					2059.785	
	Add for water charges @ 1 %					20.598	
	Total					2080.383	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					292.29	
	Total					2372.68	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					355.90	
	Cost of 1 bracket					2728.578	
	Add labour cess @ 1%					27.290	
	Rate including labour cess					2755.868	
			Say Rs.	**2755.90**	per sqm		
7.32	**Stone work , plain in copings , cornices, string courses and plinth courses, in cement mortar 1: 6 (1 cement: 6 coarse sand) including pointing with white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment matching the stone shade .**						
7.32.1	Red sand stone						
	Details of cost for cornices (30 cm long 30 cm deep and 7.5 cm project -ion)'= 6.75 cudm.						
	Materials:						
	Stone work plain ashiar cydopean 3x3x0.75 = 6.75 cudm. (Rate as per item no. 7.12.1)	cum	0.007	26602.11	(7.12.1)	179.56	
	Cement mortar						
	Extra for using white cement						
	Extra labour for making the cornices	1 time	5.330	1.80	(9999)	9.59	(A)
	Stone mason (2nd class)	per day	0.070	305.00	(0125)	21.35	(A)
	Beldar	per day	0.070	254.00	(0114)	17.78	(A)
	Add for water charges @ 1% on 'A'					0.49	(B)
	total(A+B)					49.21	
	Add GST 12% on "X"(multiplying factor 0.1405)					6.91	
	Total					56.13	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					8.42	
	total					64.54	
	Cost of 0.00675 cudm					244.11	
	Cost of 1-cum					36164.22	
	Add labour cess @ 1%					361.64	
	Rate including labour cess					36525.86	
			Say Rs.	**36525.90**	**per cum**		
7.32.2	**White sand stone**						
	Materials:						

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Stone work plain ashlar cyclopean						
	Quantity same as in item no. 7.32.1	cum	0.007	26899.016	(7.12.2)	181.568	
	(Rate as per item No. 7.12.2)						
	Extra for using white cement	1 time	5.330	1.800	(9999)	9.594	(A)
	Extra labour for making the cornices:						
	Stone mason (2nd class)	per day	0.070	305.000	(0125)	21.350	(A)
	Beldar	per day	0.070	254.000	(0114)	17.780	(A)
	Add for water charges @ 1 % on 'A'					0.487	(B)
						49.211	
	Add GST 12% on "X"(multiplying factor 0.1405)					6.91	
	Total					56.13	
	Add for contractor's profit and overheads @ 15%					8.419	
	(A+B)					64.544	
	Cost of 0.00675 cudm					246.113	
	Cost of 1 cum					36461.124	
	Add labour cess @ 1%					364.610	
	Rate including labour cess					36825.734	
			Say Rs.	**36825.70**	**per cum**		
	Analysis of 7.33 Part-A only						
	30mm thick red sand stone shelves fixed walls in C.M 1:3 including finishing complete						
	Cost for 1 sqm of stone slab 30mm thick-						
	Materials:						
	Finished work = 1.00sqm						
	Add 10 % wastage =0.10 sqm						
	Total =1.10 sqm						
	sand stone slab 30 mm	sqm	1.100	167.530	(1166)	184.283	(A)
	Carriage of stone	tonne	0.076	0.000	(2216)	0.000	(A)
	Labour:						
	For making , dressing and fixing -						
	Mason (plain) 2nd class	per day	0.200	305.000	(0125)	61.000	(A)
	Add for water charges @ 1 %					2.453	(A)
	Total					247.736	
	Add GST 12% on "X"(multiplying factor 0.1405)					34.81	
	Total					282.54	
	Add for contractor's profit and over-heads @ 15%					42.381	(A)
						324.924	

7.38 Providing and fixing stone jali 40 mm thick throghout(without sunking or moulding in jali slab) in cement mortar 1:3(1 cement: 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement: 2 stone dust) with an admixture of pigment, matching the stor:e shade, jali slab without any chamfers etc.

7.38.1 Red sand stone Details of cost for 1 sqm -
Materials:
Red sand stone slab 40 mm = 1.00 sqm

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add 10 % wastage =0.10 sqm					
	Total =1.10 sqm					
	Red sand stone slab 40 mm	sqm	1.100	186.145	(1164)	204.76
	Carriage of stone	tonne	0.101	0.000	(2216)	0.00
	Labour:					
	For making , dressing and fixing -					
	Mason (plain) 2nd class	per day	12.700	305.000	(0125)	3873.50 (A)
	Beldar	per day	8.450	254.000	(0114)	2146.30 (A)
	Mortar and Sundries	1 time	80.730	1.800	(9999)	145.31 (A)
	Total					6369.87
	Add for water charges @ 1 %					63.70
	Total					6433.57 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					903.92
	Total					7337.49 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					1100.62
	Cost of 1 sqm					8438.11
	Add labour cess @ 1%					84.38
	Rate including labour cess					8522.49
			Say Rs.	**8522.50**	**per sqm**	
7.38.2	**White sand stone Details of cost for 1 sqm**					
	Materials:					
	White sand stone 40 mm = 1.00 sqm					
	Add 10 % wastage =0.10 sqm					
	Total =1.10 sqm					
	White sand stone 40 mm	sqm	1.100	186.145	(1165)	204.76
	Carriage of stone	tonne	0.101	0.000	(2216)	0.00
	Labour:					
	For making dressing and fixing same as for item No. 7.38.1 as maked ' A'	sqm	1.000	6165.114	(7.38.1-A)	6165.11
	Add for water charges @ 1%					63.70
	Total					6433.57 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					903.92
	Total					7337.49 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					1100.62
	. Cqst of 1 sqm					8438.11
	Add labour cess @ 1%					84.38
	Rate including labour cess					8522.49
			Say Rs.	**8522.50**	per sqm	

7.36 Wall lining butch work up to 10.0m with Dholpur stone 40 mm thick rough taching on the exposed surface with stone strips of minimum length 300 mm and required with including embedding every lenth layer and bottom most layer in masonry or concrete after making necessary chases of size 75 x 75 mm and by providing layer or 75 mm thick strips i/c .12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand) i/c ruled pointing in cement mortar 1:2 (1 white cement; 2 stone dust) with an admixture of pigment to match the shade of stone complete as per direction of Enginneer-incharge.

Details of cost for 1 sqm
Dholpur stone 40 mm thick
Wai! face = 1.00 sqm

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Deduct for embedded					
	Portion 3x0.04x1.0 =0.12sqm					
	0.88 sqm					
	Add wastage 5 % - 0.04 sqm					
	Total = 0.92 sqm	sqm	0.920	186.145	(1165)	171.253
	75 mm thick 3x0.04x1.0 =0.12 sqm					
	Add wastage 5% = 0.01 sqm					
	Total =0.13 sqm	sqm	0.130	293.178	(1163)	38.113
	Carriage of stone					
	0.92x0.04 = 0.0368 cum					
	0.13x0.075 =0.0100 cum					
	= 0.0468 cum or 468 cudm					
	468 cudm @ 2.3 kg / cudm = 108 kg	tonne	0.108	0.000	(2216)	0.00
	Cutting strips of stone and giving rough finish					
	assuming 50 mm thick strips 20x1.0 = 20 metre	metre	20.000	9.31	(1237)	186.14
	Mortar with coarse sand C.M(1:3) for					
	(a) stone backing 12 mm thick =0.0144 cum					
	(b) For fixing of stone = 0.40/25 = 0.0160 cum					
	Total = 0.0304 cum	cum	0.0304	3246.342	(2112)	98.69
	Cutting chases and making good with mortar after					
	inserting stone etc.		3.000	110.100	(18.79)	330.30 (A)
	(Rate as per item no, 18.79 of SH miscellaneous)					
	White cement and pigment for pointing	1 time	40.430	1.800	(9999)	72.77
	Labour:					
	Mason 1st class	per day	0.250	342.000	(0126)	85.50
	Mason 2nd class	per day	0.250	305.000	(0125)	76.25
	Beldar	per day	0.500	254.000	(0114)	127.00
	Bhisti	per day	0.030	277.000	(0101)	8.31
	Sundries and scaffolding brushes etc.	1 time	26.910	1.800	(9999)	48.44
						912.47
	Add for water charges @ 1% on all except 'A'					9.12
						921.60
	Add GST 12% on "X"(multiplying factor 0.1405)					129.48
	Total					1051.08 (Y)
	Add for contractor's profit and overheads @ 15 %					157.66
	on all except 'A'					1208.74
	Cost of 1 sqm					1539.04
	Add labour cess @ 1%					15.39
	Rate including labour cess					1554.43
			Say Rs.	**1554.40**	**per sqm**	
7.37	**Stone work (machine cut edges veneer work) for wall lining upto 10 m height, backing filled with a grout of 12 mm thick cement mortar 1:3 (1 Cement : 3 coarse sand) and jointed with Cement mortar 1:2 (1 cement : 2 stone dust), including rubbing and polishing complete. (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately)**					
7.37.1	**Kota stone slabs exposed face dressed and rubbed.**					
	Details of cost for 10 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
7.37.1.1	25 mm thick					
	Materials:					
	25 mm thick_kota. stone					
	Slabs rough chiselied =10 sqm					
	Add 15 % wastage = 1.50 sqm					
	Total = 11.50 sqm	sqm	11.500	260.603	(1169)	2996.929
	Carriage	tonne	0.670	0.000	(2216)	0.000
	Cement mortar 1:3	cum	0.144	3246.342	(2112)	467.473
	Cement for slurry @ 3.30 kg / sqm	tonne	0.064	5474.000	(0367)	350.336
	Carriage of cement	tonne	0.064	0.000	(2209)	0.000
	Pigment @ 3.50 kg per 50 kg of cement					
	64x3.5 /50 =4.50 kg	kilogram	4.500	74.458	(0874)	335.060
	Labour:					
	Mason 2nd class	per day	6.500	305.000	(0125)	1982.500
	Beldar	per day	6.500	254.000	(0114)	1651.000
	Coolie	per day	4.300	265.000	(0115)	1139.500
	Beldar for rubbing and polising (special rate)	per day	10.800	305.000	(0139)	3294.000
	Sundries	1 time	111.540	1.800	(9999)	200.772
	Total					12417.571
	Add for water charges @ 1 %					124.176
	Total					12541.747 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1762.12
	Total					14303.86 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					2145.58
	Cost of 10 sqm					16449.442
	Cost of 1 sqm					1644.944
	Add labour cess @ 1%					16.450
	Rate including labour cess					1661.394
			Say Rs.	**1661.40**	**per sqm**	
7.37.1.A	**Dressing of sand stone in veneer work**					
	Details of cost for 1 sqm					
	Material and labour as per item 7.37.1.1	sqm	1.000	1644.944	7.37.1.1	1644.944
	Labour:					
	Stone Mason (Plain work)	per day	1.350	305.000	(0125)	411.750
	Blacksmith 1st class	per day	0.032	342.000	(0123)	10.944
	Beldar	per day	0.224	254.000	(0114)	56.896
	Coolie	per day	0.112	265.000	(0115)	29.680
	Bandhani	per day	0.224	270.000	(0100)	60.480
	Cost of 1 sqm-					2214.694
	Add labour cess @ 1%					22.150
	Rate including labour cess					2236.844
			Say Rs.	**2236.80**	**per sqm**	
7.37.1.B	**Dressing of sand stone in ashlar punched** (ordinary work)					
	Details of cost for 10 cudm (0.4 sqm)					
	Material and labour as per item 7.37.1.1	sqm	1.000	1644.944	7.37.1.1	1644.944
	Labour:					
	Stone mason (plain work)	per day	0.050	305.000	(0125)	15.250
	Blacksmith 1st class	per day	0.006	342.000	(0123)	2.052
	Beldar	per day	0.044	254.000	(0114)	11.176
	Coolie	per day	0.022	265.000	(0115)	5.830

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Bandhani	per day	0.044	270.000	(0100)	11.880
	Cost of 0.4 sqm					1691.132
	Difference in rate for dressing veneer work and ordinary work = Rough chiselled work (P)-(Q) = Rate for 25 mm thick kota stone slabs rough chiselled = (code No. 1168 x R)=code No. 1169					
	Add labour cess @ 1%					16.910
	Rate including labour cess					1708.042
			Say Rs.	**1708.00**	**per sqm**	
7.38	**Stone tile work for wall lining upto 10.0m height with special adhesive like araldite or equivalent over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand) including pointing in-white cement with an admixture of pigment to match the stone shade .**					
7.38.1	**8 mm thick (mirror polished and machine cut edge)**					
7.38.1.1	**Granite black stone**					
	Details of cost for 10 sqm					
	Materials:					
	8 mm thick granite stone tile = 10.00 sqm					
	Add 2.5 % wastage = 0.25 sqm					
	Total =10.25 sqm	sqm	10.250	651.506	(2750)	6677.940
	Carriage of granite tiles	1 time	40.040	1.800	(9999)	72.072
	Cement mortar 1:3	cum	0.140	3246.342	(2112)	454.488
	Cement slurry @ 3.3 kg/sqm	tonne	0.033	5474.000	(0367)	180.642
	Mortar for pointing in wihite cement	1 time	25.740	1.800	(9999)	46.332
	Labour for placing and fixing :					
	Mason 1st class	per day	7.700	342.000	(0123)	2633.400
	Beldar	per day	7.700	254.000	(0114)	1955.800
	Granular sand proticles mixed with araldite to be pasted on each side to form interlocking arrangement with cement plaster	1 time	260.000	1.800	(9999)	468.000
	Sundries	1 time	171.600	1.800	(9999)	308.880
	Total					12797.554
	Add for water charges @ 1 %					127.976
	Total					12925.530 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1816.04
	Total					14741.57 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					2211.24
	Cost of 10 sqm					16952.802
	Cost of 1 sqm					1695.280
	(Analysis of these items is same as per item no. 7.43.1.1 except code nos. for respective stone)					
	Add labour cess @ 1%					16.950
	Rate including labour cess					1712.230
			Say Rs.	**1712.20**	per sqm	
7.38.1.2	**Raj Nagar plain white marble / Udaipur green marble / Zebra black marbleGranite black stone**					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	Details of cost for 10 sqm						
	Materials:						
	8 mm thick Raj Nagar white stone tiles(mirror polished tiles machine cut edge) = 10.00 sqm						
	Add 2.5 % wastage = 0.25 sqm						
	Total =10.25 sqm	sqm	10.250	465.362	(7439)	4769.957	
	Carriage of Raj Nagar white stone tiles tiles	1 time	40.040	1.800	(9999)	72.072	
	Cement mortar 1:3	cum	0.140	3246.342	(2112)	454.488	
	Cement slurry @ 3.3 kg/sqm	tonne	0.033	5474.000	(0367)	180.642	
	Mortar for pointing in wihite cement	1 time	25.740	1.800	(9999)	46.332	
	Labour for placing and fixing :						
	Mason 1st class	per day	7.700	342.000	(0123)	2633.400	
	Beldar	per day	7.700	254.000	(0114)	1955.800	
	Granular sand proticles mixed with araldite to be pasted on each side to form interlocking arrangement with cement plaster	1 time	260.000	1.800	(9999)	468.000	
	Sundries	1 time	171.600	1.800	(9999)	308.880	
	Total					10889.571	
	Add for water charges @ 1 %					108.896	
	Total					10998.467	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1545.28	
	Total					12543.75	(Y)
	Add for contractor's profit and over-heads @ **15% on "Y"**					1881.56	
	Cost of 10 sqm					14425.314	
	Cost of 1 sqm					1442.531	
	Add labour cess @ 1%					14.430	
	Rate including labour cess					1456.961	
			Say Rs.	**1457.00**	per sqm		
7.39	**Extra for stone work for wall lining on exterior walls of height more than 10 m from ground level for every additional height of 3 m or part there of.**						
	Details of cost for 10 sqm						
	Analysis same as Item Number 13.74						
	MATERIAL:						
	Scaffolding	L.S.	215.28	1.800	9999	387.50	
	Mason (brick layer) 1 st class	day	0.30	342.000	0123	102.60	
	Beldar	day	0.30	254.000	0114	76.20	
	Bhisti	day	0.15	277.00	0101	41.55	
	Sundries	L.S.	28.60	1.800	9999	51.48	
	TOTAL					659.33	
	Add Water Charges @ 1%					6.59	
	TOTAL					665.93	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					93.56	
	Total					759.49	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					113.92	
	Cost of 10 sqm					873.414	
	Cost of 1 sqm					87.34	
	Add labour cess @ 1%					0.87	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Rate including labour cess					88.21
			Say Rs.	**88.20**	per sqm	
7.40	**Providing and fixing dry cladding upto 10 metre heights with 30 mm thick gang saw cut stone with (machine cut edges) of uniform colour and size upto 1mx1m, fixed to structural steel frame work and / or with the help of cramps, pins etc. and sealing the joints with approved weather sealant as per Architectural drawing and direction of Engineer-in-Charge. (The steel frame work, stainless steel cramps and pins etc. shall be paid for separately.)**					
7.40.1	**Red sand stone**					
	Details of cost for 3 sqm					
	MATERIAL:					
	Red sand stone = 3 x 1.00 sqm = 3.00 sqm					
	Add wastage 25% = 0.75 sqm					
	Total=3.75 sqm					
	Add 20% wastage infixing due to broken edge = 0.60 sqm					
	Total = 4.35 sqm					
	Red sand stone gang saw cut 30 mm thick	sqm	4.35	325.75	8683	1417.03
	Cutting marble or sand stone slab up to 50 mm thick by mechanical device	metre	10.00	9.31	1237	93.07
	Carriage of stone blocks white & red sand stone & kota stone slab @ 2.30kg/cudm	tonne	0.22	0.00	2216	0.00
	Backing rod	L.S.	30.68	1.80	9999	55.22
	Fixing including weather sealant and removing	L.S.	153.40	1.80	9999	276.12
	Double scafolding	L.S.	204.75	1.80	9999	368.55
	Mason (for ornamental stone work) 1 st class	day	2.00	342.00	0126	684.00
	Beldar	day	4.00	254.00	0114	1016.00
	Labour for lifting stone					
	Beldar	day	1.00	254.00	0114	254.00
	Silicon gun / pump etc.	L.S.	204.75	1.80	9999	368.55
	Labour for sealing					
	Fitter (grade 1)	day	0.25	348.00	0116	87.00
	Beldar	day	0.50	254.00	0114	127.00
	Sundries	L.S.	204.75	1.80	9999	368.55
	Rubbing and polishing vertical surface of stone cladding	L.S.	51.22	1.80	9999	92.20
	TOTAL				6421.81	5207.29
	Add Water Charges @ 1%					52.07
	TOTAL					5259.36 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					738.94
	Total					5998.30 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					899.75
	Cost of 3.0 sqm					6898.05
	Cost of 1 sqm					2299.35
	Add labour cess @ 1%					22.99
	Rate including labour cess					2322.34
			Say Rs.	**2322.30**	per sqm	
7.40.2	**White sand stone**					
	Details of cost for 3 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	MATERIAL:					
	White sand stone = 3 x 1.00 sqm = 3.00 sqm					
	Add wastage 25% = 0.75 sqm					
	Total=3.75 sqm					
	Add 20% wastage infixing due to broken edge = 0.60 sqm					
	Total = 4.35 sqm					
	White sand stone gang saw cut 30 mm thick	sqm	4.35	372.29	8684	1619.46
	Cutting marble or sand stone slab up to 50 mm thick by mechanical device	metre	10.00	9.31	1237	93.07
	Carriage of stone blocks white & red sand stone & kota stone slab @ 2.30kg/cudm	tonne	0.22	0.00	2216	0.00
	Backing rod	L.S.	30.68	1.80	9999	55.22
	Fixing including weather sealant and removing	L.S.	153.40	1.80	9999	276.12
	Double scafolding	L.S.	204.75	1.80	9999	368.55
	Mason (for ornamental stone work) 1 st class	day	2.00	342.00	0126	684.00
	Beldar	day	4.00	254.00	0114	1016.00
	Labour for lifting stone					
	Beldar	day	1.00	254.00	0114	254.00
	Silicon gun / pump etc.	L.S.	204.75	1.80	9999	368.55
	Labour for sealing					
	Fitter (grade 1)	day	0.25	348.00	0116	87.00
	Beldar	**day**	**0.50**	**254.00**	**0114**	**127.00**
	Sundries	L.S.	204.75	1.80	9999	368.55
	Rubbing and polishing vertical surface of stone cladding	L.S.	51.22	1.80	9999	92.20
	TOTAL					5409.72
	Add Water Charges @ 1%					54.10
	TOTAL					5463.82 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					767.67
	Total					6231.48 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					934.72
	Cost of 3.0 sqm					7166.21
	Cost of 1 sqm					2388.74
	Add labour cess @ 1%					23.89
	Rate including labour cess					2412.63
			Say Rs.	**2412.60**	per sqm	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
7.41	**Providing and fixing structural steel frame (for dry cladding with 30 mm thick gang saw cut with machine cut edges sand stone) on walls at all heights using M.S. square / rectangular tube in the required pattern as per architectural drawing, including cost of cutting, bending, welding etc. The frame work shall be fixed to the wall with the help of MS brackets / lugs of angle iron / flats etc. which shall be welded to the frame and embedded in brick wall with cement concrete block 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) of size 300x230x300 mm, including cost of necessary centring and shuttering and with approved expansion hold fasteners on CC/RCC surface, including drilling necessary holes. Approved cramps / pins etc. shall be welded to the frame work to support stone cladding, the steel work will be given a priming coat of Zinc primer as approved by Engineer-in-Charge and painted with two or more coats of epoxy paint (Shop drawings shall be submitted by the contractor to the Engineer-in-Charge for approval before execution). The frame work shall be fixed in true horizontal & vertical lines/planes. (Only structural steel frame work shall be measured for the purpose of payment, stainless steel cramps shall be paid for separately and nothing extra shall be paid.)**						
	Details of cost for 100.78 kg						
	M.S. tube 50x25x1.8mm vertical=4x3.0=12.00m. Vertical=3x4x0.93=11.16m Total= 23.16m. Add 10% wastage = 2.32 Total 25.48 mts @2.02 kg/m=51.47 kg						
	Mild steel tubes hot finished welded type	kilogram	51.47	39.09	4009	2011.98	
	Angle iron 50x50x6mm 16x0.60=9.60 16x0.15=2.40 Total= 12.00 Add 10% wastage = 1.20m Total= 13.20m @4.50kg/m=59.4 kg or 0.594 q						
	Structural steel such as tees, angles channels and R.S. joists	quintal	0.594	3903.24	1007	2318.52	
	Cement concrete 1:2:4= 16x0.30x0.23x0.30=0.331 cum						
	Rate as per Item Number 4.1.3 of SH: Concrete work Making holes in brick work=16Nos	cum	0.331	4151.38	4.1.3	1374.11	A
	LABOUR:						
	Mason (brick layer) 1 st class	day	0.26	342.00	0123	88.92	
	Mason (brick layer) 2nd class	day	0.26	305.00	0124	79.30	
	Beldar	day	2	254.00	0114	508.00	
	Welding for frame welding 16x(2.5+5+2.5+5) = 240 cm For hold fast 16x20cm = 320cm Total =560cm						
	Welding by electric plant	cm	560	1.86	1215	1042.41	
	LABOUR:						
	Blacksmith 1 st class	day	1.34	342.00	0102	458.28	
	Bandhani	day	0.67	270.00	0100	180.90	
	Beldar	day	4.92	254.00	0114	1249.68	
	Sundries	L.S.	80.73	1.80	9999	145.31	
	Painting with epoxy paint over and including priming						

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.	
	coat area						
	22.80x0.15 = 3.42						
	12x0.2=2.40						
	Total = 5.82sqm						
	Rate as per Item Number 13.82B.1 of SH:						
	Finishing	sqm	5.82	103.31	13.82B.1	601.29	A
	For labour scaffolding etc.	L.S.	80.73	1.80	9999	145.31	
	TOTAL					10204.02	(X)
	Add Water Charges @ 1% except on A i.e on (10204.02 -1975.4 =)					82.29	
	TOTAL					10286.31	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)					1167.68	
	(10286.31 -1975.4 =)					11453.99	(Y)
	Add CPOH @ 15% except on A i.e on (11453.99 -1975.4 =)					1421.7891	
	Total					12875.78	
	Cost of 100.78 kilogram					12875.78	
	Cost of 1 kilogram					127.76	
	Add labour cess @ 1%					1.28	
	Rate including labour cess					129.04	
			Say Rs.	**129.00**	per Kg		
7.42	**Providing and fixing adjustable stainless steel cramps of approved quality, required shape and size,adjustable with stainless steel nuts, bolts and washer (total weight not less than 260 gms), for dry stone cladding fixed on frame work at suitable location, including making necessary recesses in stone slab, drilling required holes etc complete as per direction of the Engineer-in-charge.**						
	Details of cost for 10 Nos						
	MATERIAL:						
	Stainless steel cramps(weight 260 grams) with nuts, bolts and washer for dry stone cladding	**each**	**10.00**	83.77	8698	837.65	
	LABOUR:						
	for making holes, recesses etc. and fixing of stainless stul cramps						
	Blacksmith 2nd class	**day**	**0.10**	305.00	0103	30.50	
	Mason (brick layer) 2nd class	**day**	**1.00**	305.00	0124	305.00	
	Beldar	**day**	**1.10**	254.00	0114	279.40	
	Scaffolding, hire charge of drill machine etc.	**L.S.**	**20.80**	1.80	9999	37.44	
	Sundries	**L.S.**	**20.80**	1.80	9999	37.44	
	TOTAL					1527.43	
	Add Water Charges @ 1%					15.27	
	TOTAL					1542.71	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					216.75	
	Total					1759.46	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					263.92	
	Cost of 10 nos					2023.37	
	Cost of each					202.34	
	Add labour cess @ 1%					2.02	
	Rate including labour cess					204.36	
			Say Rs.	**204.40**	Each		

SUB HEAD : 8.0

MARBLE & GRANITE WORKS

8.0 Marble & Granite Works

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
A8.1	**Dressing of Marble for steps, jambs, walls, pillars** and other plain work					
	Details of cost for 10 cudm					
	Stone mason (for plain work)II class	per day	0.35	305.00	(0125)	106.75
	Blacksmith 1st class	per day	0.02	342.00	(0102)	6.84
	Beldar	per day	0.06	254.00	(0114)	15.24
	Coolie	per day	0.02	265.00	(0115)	5.30
	Beandhani	perday	0.09	270.00	(0100)	24.3
	Skilled beldar (for rubbing)	per day	0.09	305.00	(0139)	27.45
	Cost of 10 cudm					185.88
	Add labour cess @ 1%					1.86
	Rate including labour cess					187.74
			Say	**Rs.187.70 per 10 cudm**		
A8.2	**Dressing of marble for moulded jambs and heads,** straight mouldings and plain arces or domes.					
	Details of cost for 10 cudm					
	Stone mason (for ornamental work) 1 class	per day	0.35	342.00	(0126)	119.70
	Stone mason (for plain work) II class	per day	0.35	305.00	(0125)	106.75
	Blacksmith 1st class	per day	0.02	342.00	(0102)	6.84
	Beldar	per day	0.06	254.00	(0114)	15.24
	Coolie	per day	0.02	265.00	(0115)	5.30
	Bandhani	per day	0.09	270.00	(0100)	24.3
	Skilled labour (for rubbing)	perday	0.06	305.00	(0139)	18.3
	Cost of 10 cudm					296.43
	Add labour cess @ 1%					2.96
	Rate including labour cess					299.39
			Say	**Rs.299.40 per 10 cudm**		
A8.3	**Dressing of marble in moulded arches or domes** and cirular mouldings.					
	Details of cost for 10 cudm					
	Stone mason (for ornamental work) I class	per day	1.24	342.00	(0126)	424.08
	Blacksmith 1st class	per day	0.02	342.00	(0102)	6.84
	Beldar	per day	0.06	254.00	(0114)	15.24
	Coolie	per day	0.02	265.00	(0115)	5.3
	Bandhani	perday	0.09	270.00	(0100)	24.3
	Skilled beldar (for rubbing)	perday	0.53	305.00	(0139)	161.65
	Cost of 10 cudm					637.41
	Add labour cess @ 1%					6.37
	Rate including labour cess					643.78
			Say	**Rs.643.80 per 10 cudm**		
A8.4	**Dressing of marble veneer work**					
	Details of cost for 1 sqm					
	Stone mason (for plain work) II class	per day	1.35	305.00	(0125)	411.75
	Blacksmith 1st class	per day	0.11	342.00	(0102)	37.62
	Beldar	per day	0.3	254.00	(0114)	76.2
	Coolie	per day	0.11	265.00	(0115)	29.15
	Bandhani	per day	0.45	270.00	(0100)	121.5
	Skilled beldar (for rubbing)	per day	0.45	305.00	(0139)	137.25
	Cost of 1 sqm					813.47
	Add labour cess @ 1%					8.13
	Rate including labour cess					821.6

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
			Say	**Rs.821.60 per 10 cudm**		
A8.5	**Labour for fixing marble in veneer work 2.5 cm to 5** cm thick.					
	Details of cost for 1 sqm					
	Labour:					
	Stone mason(for ornamental work) I class	per day	0.67	342.00	(0126)	229.14
	Bandhani	per day	0.67	342.00	(0102)	229.14
	Beldar	per day	0.67	254.00	(0114)	170.18
	Coolie	per day	0.67	265.00	(0115)	177.55
	Bhisti	per day	0.67	277.00	(0101)	185.59
	Mate	per day	0.330	270.000	(0128)	89.1
	Blacksmith 1st class	per day	0.270	342.000	(0102)	92.34
	Sscaffolding	1 time	1.500	1.800	(9SS9)	2.7
	Cost of 1 sqm					1175.740
	Add labour cess @ 1%					11.76
	Rate including labour cess					1187.5
			Say Rs.	**Rs.1187.50 per cudm**		
8.1	**Marble work gang saw cut (polished and machine \cut) of thickness 18mm for wall lining (veneer work) in c ement mortar 1:3 (1 cement :3 coarse sand) including pointing with white coment mortar 1:2 (1 shite cement:2 marble dust) with an admixture of pigment to match the marble shade: (To be secured to the backing by means of cramps, which shall be paid for separately)**					
8.1.1	**White Marble-Raj Nagar Plain/Udaipur green marble/ Zebra block marble**					
8.1.1.1	**Area of slab upto 0.50 sqm**					
	Details of cost for 0.50 sqm					
	Finished work =0.50 sqm					
	Add for wastage @ 20% =0.10 sqm					
	Total =0.60 sqm					
	Raj nagar plain white marble (table rubbed and polished) 18 mm thick (slab area upto 0.50 sqm)	sqm	0.600	558.434	(7452)	335.06
	Carriage of marble	tonne	0.030	96.070	(2216)	2.88
	Cement mortar 1:3(1 cement:3 coarse sand)	cum	0.008	3246.342	(2112)	25.97
	White cement mortar 1:2 (1 white ce ment: 2 marble dust)	cum	0.001	8357.916	(2128)	10.03
	(b) Fixing charges					
	Stone Mason (orramental)	per day	0.335	342.000	(0126)	114.57
	Bandhani	per day	0.335	270.000	(0100)	90.45
	Beldar	per day	0.335	254.000	(0114)	85.09
	Coolie	per day	0.335	265.000	(0115)	88.78
	Bhishti	per day	0.335	277.000	(0101)	92.80
	Mate	per day	0.165	270.000	(0128)	44.55
	Balacksmith 1st class	per day	0.135	342.000	(0102)	46.18
	Sscaffolding	1 time	13.390	1.800	(9999)	24.10
	Total					960.46
	Add for water charges @ 1 %					9.605
	Total					970.063 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					136.29
	Total					1106.36 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					165.954
	Cost of 0.5 sqm					1272.310
	Cost of 1 sqm,					2544.621
	Add labour cess @ 1%					25.45
	Rate including labour cess					2570.071

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
			Say Rs.	**Rs.2570.10 sqm**		
8.1.1.2	**Area of slab over 0.50 sqm**					
	Details of cost for 1.0 sqm					
	Finished work =1.0 sqm					
	Add for wastage @ 20% = 0.20 sqm					
	Total = 1.20 sqm					
	Raj nagar plain white marble (table rubbed and polished) 18 mm thick (slab area more than 0.50 sqm)	sqm	1.200	651.506	(7453)	781.81
	Carriage of marble	tonne	0.060	96.070	(2216)	5.76
	Cement mortar 1:3(1 cement:3 coarse sand)	cum	0.014	3246.342	(2112)	46.75
	White cement mortar 1:2 (1 white ce ment: 2 marble dust)	cum	0.0025	8357.916	(2128)	20.89
	Labour:					
	(b) Fixing charges					
	Stone Mason (orramental)	per day	0.670	342.000	(0126)	229.14
	Bandhani	per day	0.670	270.000	(0100)	180.90
	Beldar	per day	0.670	254.000	(0114)	170.18
	Coolie	per day	0.670	265.000	(0115)	177.55
	Bhishti	per day	0.670	277.000	(0101)	185.59
	Mate	per day	0.330	270.000	(0128)	89.10
	Balacksmith 1st class	per day	0.270	342.000	(0102)	92.34
	Sscaffolding	1 time	26.910	1.800	(9999)	48.44
	Total					2028.45
	Add for water charges @ 1 %					20.28
						2048.74
	Add GST 12% on "X"(multiplying factor 0.1405)					287.85
	Total					2336.58 (Y)
	Add for contractor's profit and over-heads @ 15%					350.49
	Cost of 1.0 sqm					2687.07
	Add labour cess @ 1%					26.87
	Rate including labour cess					2713.94
			Say Rs.	**Rs.2713.90 sqm**		
8.2	**Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations, of required size,approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups,including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.**					
8.2.1	**Rajnagar plain White marble /Udaipur green marble/ Zebra block marble**					
8.2.1.1	**Area of slab upto 0.50 sqm**					
	Details of cost for 0.50 sqm					
	Mirror polished Abu plain white =0.500 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Wastage 5% . =0.025 sqm 0.525 sqm					
	Raj nagar plain white marble (table rubbed and polished)18 mm thick (slab area upto 0.50 sqm)	sqm	0.525	558.434	(7452)	293.18
	20 mm thick cement mortar 1:4(1 cement:4 coarse sand)	cum	0.012	2534.722	(2113)	30.42
	Labour:					
	Mason 1st class	per day	0.700	342.000	(0123)	239.40
	Beldar	per day	0.325	265.000	(0115)	86.13
	Coolie	per day	0.325	254.000	(0114)	82.55
	Moulding and edge polishing	LS	39.000	1.800	(9999)	70.20
	Sundries apoxy resin & cutting machine etc.	LS	16.250	1.800	(9999)	29.25
	Add for water charges @ 1%					8.311
						839.431
	Add GST 12% on "X"(multiplying factor 0.1405)					117.94
	Total					957.37 (Y)
	Add for contractor's profit and over-heads @ 15%					143.606
	Cost of 0.5 sqm					1100.976
	C irt of 1 sqm					2201.953
	Add labour cess @ 1%					22.02
	Rate including labour cess					2223.973
			Say Rs.	**Rs.2224.00 per sqm**		
8.2.1.2	**Area of slab over 0.50 sqm**					
	Details of cost for 1.00 sqm					
	Mirror polished Abu plain white = 1.00 sqm					
	Wastage 5% = 0.05 sqm					
	Total.=1.05 sqm					
	Raj nagar plain white marble (table rubbed and polished) 18 mm thick (slab area more than 0.50 sqm)	sqm	1.05	651.51	**(7453)**	684.08
	20 mm thick cement mortar 1:4(1 cement:4 coarse sand)	cum	0.024	2534.72	**(2113)**	60.83
	LABOUR:					
	Mason (brick layer) 1 st class	day	1.4	342.00	**(0123)**	478.80
	Beldar	day	0.65	265.00	**(0115)**	172.25
	Coolie	day	0.65	254.00	**(0114)**	165.10
	Moundling and edge polishing	L.S.	78	1.80	**(9999)**	140.40
	Sundries apoxy resin & cutting machine etc.	L.S.	32.5	1.80	**(9999)**	58.50
	TOTAL					1759.97
	Add Water Charges @ 1%					17.60
	TOTAL					1777.56
	Add GST 12% on "X"(multiplying factor 0.1405)					249.75
	Total					2027.31 (Y)
	Add CPOH @ 15%					304.0969
	Cost of 1 sqm					2331.41
	Add labour cess @ 1%					23.31
	Rate including labour cess					2354.719
			Say Rs.	**Rs.2354.70 per sqm**		
8.2.2	**Granite of any colour and shade**					
8.2.2.1	**Area of slab upto 0.50 sqm**					
	Details of cost for 0.50 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Mirror polished granite= 0.50 sqm.					
	Wastage % = 0.025 sqm					
	Total = 0.525 sqm					
	Granite of any colour, 18 mm thick (slab area upto 0.50 sqm)	sqm	0.525	1628.766	(7295)	855.10
	20 mm thick cement mortar 1:4(1 cement:4 coarse sand)	cum	0.014	2534.722	(2113)	35.49
	Labour:					
	Mason 1st class	per day	0.700	342.000	(0123)	239.40
	Beldar	per day	0.325	265.000	(0115)	86.13
	Coolie	per day	0.325	254.000	(0114)	82.55
	Moundling and edge polishing	L.S.	39.000	1.80	**(9999)**	70.20
	Sundries apoxy resin & cutting machine etc.	L.S.	16.250	1.800	(9999)	29.25
	Add for water charges @ 1 %					13.981
						1412.094
	Add GST 12% on "X"(multiplying factor 0.1405)					198.40
	Total					1610.49 (Y)
	Add for contractor's profit and over-heads @ 15%					241.574
	Cost of 0.5 sqm					1852.068
	Cost of 1 sqm					3704.135
	Add labour cess @ 1%					37.04
	Rate including labour cess					3741.175
			Say Rs.	**Rs.3741.20 per sqm**		
8.2.2.2	**Area of slab over 0.50 sqm**					
	Details of cost for 2.00 sqm					
	Mirror polished granite= 2.00 sqm					
	Wastage 5% = 0.10sqm					
	Total = 2.10sqm					
	Granite of any colour, 18 mm thick (slab area above 0.50 sqm)	sqm	2.10	1675.302	(7297)	3518.13
	20 mm thick cement mortar 1:4(1 cement:4 coarse sand)	cum	0.048	2534.722	(2113)	121.67
	Labour:					
	Mason 1st class	per day	2.80	342.000	(0123)	957.60
	Beldar	per day	1.30	265.000	(0115)	344.50
	Coolie	per day	1.30	254.000	(0114)	330.20
	Moundling and edge polishing	L.S.	78.00	1.80	**(9999)**	140.40
	Sundries apoxy resin & cutting machine etc.	L.S.	65.00	1.800	(9999)	117.00
	TOTAL					5529.50
	Add Water Charges @ 1%					55.30
	TOTAL					5584.80
	Add GST 12% on "X"(multiplying factor 0.1405)					784.66
	Total					6369.46 (Y)
	Add CPOH @ 15%					955.42
						7324.88
	Cost of 2 sqm					7324.88
	Cost of 1 sqm					3662.44
	Add labour cess @ 1%					36.62
	Rate including labour cess					3699.06
			Say Rs.	**Rs.3699.10 per sqm**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
8.3	**Providing edge moulding to 18 mm thick marble stone counters, vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.**					
8.3.1	**Marble work**					
	Details of cost for 10.00 m					
	Labour:					
	Hand Grinder for miror polish	Per day	1.500	250.000	(0019)	375.00
	Beldar	per day	2.000	254.000	(0114)	508.00
	Sundries Blades & polished etc.	LS	78.000	1.800	(9999)	140.40
	Add for water charges @ 1 %					10.234
						1033.634
	Add GST 12% on "X"(multiplying factor 0.1405)					145.23
	Total					1178.86 (Y)
	Add for contractor's profit and over-heads @ 15%					176.829
	Cost of 10 m					1355.689
	Cost of 1 m					135.569
	Add labour cess @ 1%					1.36
	Rate including labour cess					136.93
			Say Rs.	**Rs.136.90 per m**		
8.3.2	**Granite work**					
	Details of cost for 10.00m					
	Labour:					
	Hand Grinder for mirror polish	Per day	2.500	250.000	(0019)	625.00
	Beldar	per day	3.50	254.000	(0114)	889.13
	Sundries Blades & polished etc.	LS	117.00	1.800	(9999)	210.60
	Add for water charges @ 1 %					17.247
						1741.974
	Add GST 12% on "X"(multiplying factor 0.1405)					244.75
	Total					1986.72 (Y)
	Add for contractor's profit and over-heads @ 15%					298.008
	Cost ofiOm					2284.730
	Cost of 1 m					228.473
	Add labour cess @ 1%					2.28
	Rate including labour cess					230.753
			Say Rs.	**Rs.230.80 per m**		
8.4	**Extra for fixing marble/granite stone over and above coresponding basic item, in facia and drops of width upto 150 mm with expoxy resin based (Araldite or equivalent) adhesive including cleaning etc. complete.**					
	Details of cost for facia 1.5m long and 0.15 m wide					
	Labour:					
	Mason 1st class	per day	0.300	342.000	(0123)	102.60
	Beldar	per day	0.300	265.000	(0115)	79.50
	Scafolding, expoxy	LS	39.000	1.800	(9999)	70.20
	Cement mortar 1:4					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	1.5x0.15x0.02=0.005 cum	cum	0.005	2534.722	(2113)	12.67
	Add for water charges @ 1%					2.650
						267.623
	Add GST 12% on "X"(multiplying factor 0.1405)					37.60
	Total					305.22 (Y)
	Add for contractor's profit and over-heads @ 15%					45.784
	Cost of 1.5 m					351.008
	Cost of 1 m					234.005
	Add labour cess @ 1%					2.34
	Rate including labour cess					236.3454
			Say Rs.	**Rs.236.30 per m**		
8.5	**Extra for providing opening of required size & shape for wash basins/kitchen sink in kitchen platform. Vanity counters and similar location in marble/granite/stone work including necessary holes for pillar taps etc. including rubbing,moulding and polishing of cut edges etc. complete.**					
	Details of cost for providing one opening of required size					
	Labour:					
	Mason (for ornamental stone work) ist class	day	0.400	342.000	(0126)	136.80
	Beldar	day	0.400	254.000	(0114)	101.60
	Sundries	LS	15.300	1.800	(9999)	27.54
	Total					265.94
	Add for water charges @ 1%					2.659
	Total					268.599
	Add GST 12% on "X"(multiplying factor 0.1405)					37.74
	Total					306.34 (Y)
	Add for contractor's profit and over-heads @ 15%					45.951
	Cost of 1 opening					352.288
	Add labour cess @ 1%					3.52
	Rate including labour cess					355.81
			Say Rs.	**Rs.355.80 each**		
8.6	**Mirror polishing on marble work/ granite work/ stone work where ever required to give high gloss finish complete.**					
	Details of cost for 10 sqm					
	Labour: .					
	Floor grinder machine for rubbing floors	Per day	1.000	350.000	(0013)	350.00
	Beldar	per day	2.500	254.000	(0114)	635.00
	Bhisti	per day	1.500	277.000	(0101)	415.50
	Sundries greases, mop grinding stones etc.	LS	65.000	1.800	(9999)	117.00
	Add for water charges @ 1 %					15.18
						1532.68
	Add GST 12% on "X"(multiplying factor 0.1405)					215.34
	Total					1748.02 (Y)
	Add for contractor's profit and over-heads @ 15%					262.20

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	C.ost of 10 sqm					2010.22
	Cost of 1 sqm					201.02
	Add labour cess @ 1%					2.01
	Rate including labour cess					203.03
			Say Rs.	**Rs.203.00 per sqm**		

8.7 Providing and fixing cramps of required size & shape in RCC/ CC / Brick masonry backing with cement mortar 1:2 (1 cement :2 coarse sand), including drilling necessary hole in stones and embedding the cramp in the hole (fastener to be paid separately).

8.7.1 Gunmetal cramps

Details of cost for 10 cramps

MATERIAL:

Gun Metal cramp

$10x0.064x0.025x0.006 = 9.6x10^{-5}$

$10 \times 0.025x0.025x0.006 = 3.7x10^{-5}$

$=13.3x10^{-5}$

Less hole

$10x0.024x0.010x0.006=1.4x10^{-5}$

$=11.9x10^{-5}$

$11.9x\ 10^{-5} \times 8640 = 1.03$ kg

Add wastage @ 5%=0.051 kg

=1.08 kg

Gun metal cramp	kilogram	1.08	307.14	(7338)	331.71
Carriage	L.S.	3.90	1.80	(9999)	7.02
Cement montar 1:2 (1 cement: 2 coarse sand)					
Rate as per Item Number 2111 of SH: Mortars	cum	0.001	4157.64	(2111)	4.16
Labour for fixing in position	L.S.	65.00	1.80	(9999)	117.00
TOTAL					459.89
Add Water Charges @ 1%					4.60
TOTAL					464.49
Add GST 12% on "X"(multiplying factor 0.1405)					65.26
Total					529.75 (Y)
Add CPOH @ 15%					79.46
Cost of 1.03 kg					609.21
Cost of 1 kg					591.46
Add labour cess @ 1%					5.91
Rate including labour cess					597.37
		Say Rs.	**Rs.597.40 per Kg**		

8.7.2 Stainless steel cramps

Details of cost for 10 cramps

MATERIAL:

Stainless steel cramp

$10x0.064x0.025x0.006 = 9.6x10^{-5}$

$10 \times 0.025x0.025x0.006 = 3.7x10^{-5}$

$=13.3x10^{-5}$

Less hole

$10x0.024x0.010x0.006=1.4x10^{-5}$

$=11.9x10^{-5}$

$11.9x\ 10^{-5} \times 7850 = 0.934$ kg

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add wastage @ 5%=0.047 kg					
	=0.981 kg					
	Stainless steel cramp	kilogram	0.98	279.22	(7339)	273.91
	Carriage	L.S.	3.90	1.80	(9999)	7.02
	Cement montar 1:2 (1 cement: 2 coarse sand)					
	Rate as per Item Number 2111 of SH: Mortars	cum	0.001	4157.64	(2111)	4.16
	Labour for fixing in position	L.S.	65.00	1.80	(9999)	117.00
	TOTAL					402.09
	Add Water Charges @ 1%					4.02
	TOTAL					406.11
	Add GST 12% on "X"(multiplying factor 0.1405)					57.06
	Total					463.17 (Y)
	Add CPOH @ 15%					69.48
	Cost of 0.934 kg					532.64
	Cost of 1 kg					570.28
	Add labour cess @ 1%					5.70
	Rate including labour cess					575.98
			Say Rs.	**Rs.576.00 per Kg**		
8.8	**Providing and fixing expansion hold fasteners on CC/R.C.C. surface backing including drilling necessary holes and the cost of bolt etc complete.**					
8.8.1	**Wedge expansion type**					
8.8.1.1	**Fastner with threaded dia. 1/4" or 6mm**					
	Details of cost for 30 nos. W.E.H. fastener					
	Materials:					
	Wedge expansion hold fastener size 6mm					
	36.5 mm length	each	30.000	11.169	(7430)	335.06
	Bolt and nuts up to 300mm in Length (36.5+10mm)	quintal	0.0045	4746.689	(1034)	21.36
	Labour:					
	Fitter grated V	per day	0.250	348.000	(0116)	87.00
	Beldar	per day	0.250	254.000	(0114)	63.50
	Hire and running charges for hand drill machine					
	Sundries, drilling bit scaffolding etc.	1 time	32.500	1.800	(9999)	58.50
	Add for water charges @ 1%					5.65
						571.07
	Add GST 12% on "X"(multiplying factor 0.1405)					80.24
	Total					651.31 (Y)
	Add for contractor's profit and over-heads @ 15%					97.70
	Cost of 30 nos					749.01
	Cost of 1 no					24.97
	Add labour cess @ 1%					0.25
	Rate including labour cess					25.22
			Say Rs.	**Rs.25.20 Each**		
8.8.1.2	**Fashtner with threaded dia. 3/8" or 10 mm**					
	Details o cost for 30 nos. W.E.H. fastener					
	Materials:					
	Wedge expansion hold fastener size 3/8" or 10 mm					
	44.5mm length	each	30.000	11.169	(7431)	335.06

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Bolt and nuts up to 300mm in Length (44.5 + 10mm)	quintal	0.006	4746.69	(1034)	28.48
	Labour:					
	Fitter grade 1	per day	0.250	348.000	(0116)	87.00
	Beldar	per day	0.250	254.000	(0114)	63.50
	Hire and running charges for hand dril! machine Sundires,drilling bit scaffolding etc.	1 time	32.500	1.800	(9999)	58.50
	Add for water charges @ 1%					5.725
						578.266
	Add GST 12% on "X"(multiplying factor 0.1405)					81.25
	Total					659.51 (Y)
	Add for contractor's profit and over-heads @ 15%					98.927
	Cost of 30 nos					758.439
	Cost of 1 no					25.281
	Add labour cess @ 1%					0.25
	Rate including labour cess					25.53131
			Say Rs.	**Rs.25.60 Each**		
8.8.1.3	**Fastner with threaded dia. 1/2" or 12mm Details of cost for 30 nos. W.E.H. fastener**					
	Materials:					
	Wedge expansion hold fastener size 12 mm 58.7 mm length	each	30.000	26.060	(7432)	781.81
	Bolt and nuts up to 300mm in Length (58.7+10mm) @ 0.05kg/each	quintal	0.008	4746.689	(1034)	35.60
	Labour:					
	Fiter grade 1	per day	0.250	348.000	(0116)	87.00
	Beldar	per day	0.250	254.000	(0114)	63.50
	Hire and running charges for hand drill machine Sundires.drilling bit scaffolding etc.	1 time	32.500	1.800	(9999)	58.50
	Add for water chargers @ 1 %					10.264
						1036.672
	Add GST 12% on "X"(multiplying factor 0.1405)					145.65
	Total					1182.32 (Y)
	Add for contractor's profit and over-heads @ 15%					177.349
	Cost of 30 nos					1359.673
	Cost of 1 no					45.322
	Add labour cess @ 1%					0.45
	Rate including labour cess					45.77243
			Say Rs.	**Rs.45.80 Each**		
8.9	**Stone tile (polished) work for wall lining over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and cement slurry @ 3.3 kg/ sqm including pointing in white cement complete.**					
8.9.1	**8 mm thick**					
8.9.1.1	**Raj nagar plain white marble / Udaipur green marble / Zebra black marble**					
	Details of cost for 1 sqm					
	8mm thick marble tiles.					
	Qty. = 1.00 sqm. +					

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Add wastage @2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	8 mm thick marble tiles (polished) Raj Nagar	sqm	1.025	351.81	(2751)	360.61
	Carriage of tiles	L.S.	3.95	1.80	(9999)	7.11
	Cement mortar 1:3 (1 Cement: 3 Coarse sand)					
	Rate as per Item Number 2112 of SH: Mortars	cum	0.014	3246.34	(2112)	45.45
	Mortar for pointing	L.S.	25.38	1.80	(9999)	45.68
	Portland Cement	tonne	0.0033	5474.00	(0367)	18.06
	Mason (brick layer) 1 st class	day	1.00	342.00	(0123)	342.00
	Beldar	day	1.00	254.00	(0114)	254.00
	Sundries etc.	L.S.	16.90	1.80	(9999)	30.42
	TOTAL					1103.34
	Add Water Charges @ 1%					11.03
	TOTAL					1114.37
	Add GST 12% on "X"(multiplying factor 0.1405)					156.57
	Total					1270.94 (Y)
	Add CPOH @ 15%					190.64
	Cost of 1 sqm					1461.58
	Add labour cess @ 1%					14.62
	Rate including labour cess					1476.20
			Say Rs.	**Rs.1476.20 per sqm**		
8.9.1.2	**Granite of any colour and shade**					
	Details of cost for 1 sqm					
	8mm thick Granite tiles.					
	Qty. = 1.00 sqm.					
	Add wastage. @2.5% = 0.025sqm					
	Total = 1.025 sqm					
	8 mm thick granite stone tiles (mirror polished of all shades)	sqm	1.025	651.51	(2750)	667.79
	Carriage of tiles	L.S.	3.95	1.80	(9999)	7.11
	Cement mortar 1:3 (1 Cement: 3 Coarse sand)					
	Rate as per Item Number 2112 of SH: Mortars	cum	0.014	3246.34	(2112)	45.45
	Mortar for pointing	L.S.	25.38	1.80	(9999)	45.68
	Portland Cement	tonne	0.0033	5474.00	(0367)	18.06
	Mason (brick layer) 1 st class	day	1.00	342.00	(0123)	342.00
	Beldar	day	1.00	254.00	(0114)	254.00
	Sundries etc.	L.S.	16.90	1.80	(9999)	30.42
	TOTAL					1410.52
	Add Water Charges @ 1%					14.11
	TOTAL					1424.63
	Add GST 12% on "X"(multiplying factor 0.1405)					200.16
	Total					1624.79 (Y)
	Add CPOH @ 15%					243.72
	Cost of 1 sqm					1868.50
	Add labour cess @ 1%					18.69
	Rate including labour cess					1887.19
			Say Rs.	**Rs.1887.20 per sqm**		

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.

8.10 Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone finished smooth.aggregate 6 mm nominal size) as per direction of Engineer-in-Charge and

8.10.1 White Agaria Marble Stone

Details of cost for one No or 0.375 sqm

MATERIAL:

Agaria Marble Stone 1 x 0.75 x0.50 = 0.375
Add wastage @ 20% = 0.075 sqm.
Total = 0.45sqm
Table rubbed polished stone 18 mm thick (75x50cm)

Agaria Marble stone - 18 mm thick	sqm	0.45	1582.23	(7244)	712.00
Cement concrete 1:2:4 for filling	L.S.	21.58	1.80	(9999)	38.84
Labour for fixing, edge rounding and final polishing	L.S.	43.16	1.80	(9999)	77.69
Sundries	L.S.	21.58	1.80	(9999)	38.84
TOTAL					867.38
Add Water Charges @ 1%					8.67
TOTAL					876.05
Add GST 12% on "X"(multiplying factor 0.1405)					123.09
Total					999.14 (Y)
Add CPOH @ 15%					149.87
Cost of 0.375 sqm					1149.01
Cost of 1 sqm					3064.03
Add labour cess @ 1%					30.64
Rate including labour cess					3094.67
		Say Rs.	**Rs.3094.70 per sqm**		

8.10.2 Granite Stone of approved shade

Details of cost for one No or 0.375 sqm

MATERIAL:

Granite Stone 1x0.75x0.50 = 0.375sqm.
Add wastage @ 20% = 0.075 sqm
Total = 0.45 sqm
Table rubbed polished stone 18mm thick (75x50cm)

Granite stone - 18 mm thick	sqm	0.45	1582.23	(7245)	712.00
Cement concrete 1:2:4 for fixing	L.S.	21.58	1.80	(9999)	38.84
Labour for fixing, edge rounding and final polishing	L.S.	43.16	1.80	(9999)	77.69

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Sundries	L.S.	21.58	1.80	(9999)	38.84
	TOTAL					867.38
	Add Water Charges @ 1%					8.67
	TOTAL					876.05
	Add GST 12% on "X"(multiplying factor 0.1405)					123.09
	Total					999.14 (Y)
	Add CPOH @ 15%					149.87
	Cost of 0.375 sqm					1149.01
	Cost of 1 sqm					3064.03
	Add labour cess @ 1%					30.64
	Rate including labour cess					3094.67
			Say Rs.	**Rs.3094.70 per sqm**		

8.11 Providing and fixing machine cut, mirror / eggshell polished , Marble stone work for wall lining (veneer work) including dado, skirting, risers of steps etc., in required design and pattern wherever required,stones of different finished surface texture, on 12 mm (average) thick cement mortar 1:3 (1 cement :3 coarse sand) laid and jointed with white cement slurry @ 3.3 kg/sqm including pointing with white cement slurry admixed with pigment of matching shade, including rubbing, curing, polishing etc. all complete as per Architectural drawings, and as directed by the Engineer-in-Charge.

(a.) 18 mm thick Italian Marble stone slab,Perlato, Rosso verona, Fire Red or Dark Emperadore etc.

Details of cost for 1.00 sqm
Details of cost for 0.5 sqm
Finished work= 0.5 sqm
Add for wastage @ 20%=0.1sqm
Total 0.60 sqm

MATERIAL:

18 mm thick Italian Marble stone slab, Perlato (slab area up to 0.5 sqm).	sqm	0.6	2978.31	(1240)	1786.99
Carriage of stone blocks white & red sand stone & kota stone slab	tonne	0.03	96.07	(2216)	2.88
Rate as per Item Number 2112 of SH: Mortars	cum	0.008	3246.34	(2112)	25.97
White Cement	tonne	0.00165	10424.10	(0368)	17.20
Slurry @ 3.3kg/ sqm					
Carriage of cement	tonne	0.00165	0	(2209)	0.00
Mortar for pointing in white cement	L.S.	25.35	1.80	(9999)	45.63

LABOUR:

For fixing					
Mason (for ornamental stone work) 1 st class	day	0.335	342.00	(0126)	114.57
Bandhani	day	0.335	270.00	(0100)	90.45
Beldar	day	0.335	254.00	(0114)	85.09
Coolie	day	0.335	265.00	(0115)	88.78
Bhisti	day	0.335	277.00	(0101)	92.80
Mate	day	0.165	270.00	(0128)	44.55
Blacksmith 1 st class	day	0.135	342.00	(0102)	46.17
Scaffolding	L.S.	13.39	1.80	(9999)	24.10
TOTAL					2465.17
Add Water Charges @ 1%					24.65
TOTAL					2489.83
Add GST 12% on "X"(multiplying factor 0.1405)					349.82

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.
	Total					2839.65 (Y)
	Add CPOH @ 15%					425.95
	Cost of 0.5 sqm					3265.59
	Cost of 1 sqm					6531.19
	Add labour cess @ 1%					65.31
	Rate including labour cess					6596.50
				Say Rs.	**Rs.6596.50 per sqm**	

8.12 Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20mm(avearage) thick base of cement mortar 1:4(1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge :

a.) Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.

Details of cost for 1.00 sqm

MATERIAL:

18 mm thick Flamed finish granite stone slab
10.00 sqm
Add for wastage 15%= 1.50 sqm
Total: 11.50 sqm

18 mm thick Flamed finish granite stone slab			1582.23		
	sqm	11.50		(1239)	18195.64
Carriage of stone blocks white & red sand			96.07		
stone & kota stone slab	tonne	0.67		(2216)	64.37
Rate as per Item Number 2113 of SH: Mortars	cum	0.22	2534.72	(2113)	567.78
Portland Cement	tonne	0.05	5474.00	(0367)	273.70
Black colour dark shade pigment	kilogram	4.50	74.46	(0874)	335.06
Carriage of cement	tonne	0.05	0.00	(2209)	0.00
Mortar for pointing in white cement	L.S.	25.35	1.80	(9999)	45.63
LABOUR:					
Mason (brick layer) 2nd class	day	1.20	305.00	(0124)	366.00
Beldar	day	1.00	254.00	(0114)	254.00
Coolie	day	1.00	265.00	(0115)	265.00
Skilled Beldar (for floor rubbing etc.)	day	5.00	305.00	(0139)	1525.00
Sundries	L.S.	208.13	1.80	(9999)	374.63
TOTAL					22266.81
Add Water Charges @ 1%					222.6681
TOTAL					22489.48
Add GST 12% on "X"(multiplying factor 0.1405)					3159.77
Total					25649.3 (Y)
Add CPOH @ 15%					3847.388
Cost of 10 sqm					29496.64
Cost of 1 sqm					2949.664
Add labour cess @ 1%					29.50
Rate including labour cess					2979.16
			Say Rs.	**Rs.2979.20 per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code.	Cost Rs.

8.13 **Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.**

8.13.1 **Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.**

	Details of cost for 10.00 sqm					
	MATERIAL					
	18 mm thick polished finish granite stone slab 10.00 sqm					
	10.00 + 1.50 (Add for wastage 15%)= 11.50 sqm					
7297	Granite of any colour, 18 mm thick (slab area above 0.50 sqm)	sqm	11.5	1675.30	(7297)	19265.97
2216	Carriage of Stone blocks white & red sand stone & kota stone slab	tonne	0.67	96.07	(2216)	64.37
3.9	Rate as per Item No.3.9 of SH: MORTARS	cum	0.224	2534.72	(2113)	567.78
367	Portland Cement	tonne	0.05	5474.00	(0367)	273.70
874	Black colour dark shade pigment	kilogram	4.5	74.46	(0874)	335.06
2209	Carriage of Cement	tonne	0.05	96.07	(2209)	4.80
9999	Mortar for pointing in white cement (11.22)	L.S.	25.35	1.80	(9999)	45.63
	LABOUR :					
124	Mason (brick layer) 2nd class	day	1.2	305.00	(0124)	366.00
114	Beldar	day	1	254.00	(0114)	254.00
115	Coolie	day	1	265.00	(0115)	265.00
139	Skilled Beldar (for floor rubbing etc.)	day	2	305.00	(0139)	610.00
19	Machine for cutting (hand grinding)	day	2	250.00	(0019)	500.00
9999	Sundries	L.S.	208.13	1.80	(9999)	374.63
	TOTAL					22926.95
	Add 1 % Water charges					229.27
	TOTAL					23156.22
	Add GST 12% on "X"(multiplying factor 0.1405)					3253.45
	Total					26409.7 (Y)
	Add 15 % Contractor's profit and overheads					3961.45
	Cost of 10 sqm					30371.11
	Cost of 1 sqm					3037.11
	Add labour cess @ 1%					30.37
	Rate including labour cess					3067.48
				Say Rs.	**Rs.3067.50 per sqm**	

SUB HEAD : 9.0

WOOD & PVC WORK

9.0 WOOD & PVC WORK

Code No	Description	Unit	Quantity	Rate	Amount
9.1	**Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).**				
9.1.1	**Second class teak wood**				
	Details of cost for chowkhat of a door				
	206.75x117.5cm				
	MATERIAL:				
	Superior class teakwood such as Dandeli				
	Balarshah or Malabar				
	2x206.75x9.5x7.0cm =0.028cum+				
	1x117.5x9.5x7.0cm = 0.008cum.= 0.036cum.				
	Add for wastage @ 5%=0.002 cum.				
	Grand Total = 0.038cum = 38 cudm				
1189	Second class teak wood in scantling	10 cudm	38.00	614.28	2334.25
2204	Carriage of timber	cum	0.038	123.51	4.69
	LABOUR:				
156	Carpenter (average)	day	0.72	305.00	219.6
114	Beldar	day	0.07	254.00	17.78
	TOTAL				2576.33
	Add Water Charges @ 1%				25.76
	TOTAL				2602.09 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				365.59
	Total				2967.68 (Y)
	Add CPOH @ 15%				445.15
	Cost of 0.036 cum				3412.84
	Cost of 1 cum				94801.05
	labour cess @1%				948.01
	Rate including labour cess				95749.06
		Say Rs.	**95749.10**	**per cum**	
9.1.2	**Sal wood**				
	Details of cost for chowkhat of a door				
	206.75x117.5cm				
	MATERIAL:				
	Salwood				
	2x206.75x9.5x7.0cm =0.028cum+				
	1x117.50x9.5 x 7.0cm = 0.008cum.				
	= 0.036cum.				
	Add for wastage @ 5% = 0.002cum.				
	Grand Total = 0.038cum = 38 cudm				
1199	Sal wood in scantling	10 cudm	38.00	558.43	2122.05
2204	Carriage of timber	cum	0.04	123.51	4.69
	LABOUR:				
0156	Carpenter (average)	day	0.72	305.00	219.6
0114	Beldar	day	0.07	254.00	17.78
	TOTAL				2364.12
	Add Water Charges @ 1%				23.64
	TOTAL				2387.76 (X)

Code No	Description	Unit	Quantity	Rate	Amount
	Add GST 12% on "X"(multiplying factor 0.1405)				335.48
	Total				2723.24 (Y)
	Add CPOH @ 15%				408.49
	Cost of 0.036 cum				3131.73
	Cost of 1 cum				86992.55
	labour cess @1%				869.93
	Rate including labour cess				87862.47
		Say Rs.	**87862.50**	**per cum**	
9.1.3	**Kiln seasoned and chemically treated Hollock wood**				
	Details of cost for chowkhat of a door				
	206.75x117.5cm				
	MATERIAL:				
	Hollock wood				
	2x206.75x9.5x7.0cm =0.028cum+				
	1x117.50 x9.5x7.0cm = 0.008cum.				
	= 0.036cum.+				
	Add for wastage @ 5% = 0.002cum.				
	Grand Total = 0.038cum = 38 cudm				
2466	Hollock wood in scantling	10 cudm	38.00	316.45	1202.49
2204	Carriage of timber	cum	0.04	121.88	4.63
2504	Kiln seasoning of timber	cum	0.04	698.04	26.53
9999	Chemical treatment	L.S.	8.97	1.80	16.15
	LABOUR:				
0156	Carpenter (average)	day	0.72	305.00	219.60
0114	Beldar	day	0.07	254.00	17.78
	TOTAL				1487.18
	Add Water Charges @ 1%				14.87
	TOTAL				1502.05 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				211.04
	Total				1713.09 (Y)
	Add CPOH @ 15%				256.96
	Cost of 0.036 cum				1970.05
	Cost of 1 cum				54723.63
	labour cess @1%				547.24
	Rate including labour cess				55270.86
		Say Rs.	**55270.90**	**per cum**	
9.1.4	**Local wood**				
	Details of cost for chowkhat of a door				
	206.75x117.5cm				
	MATERIAL:				
	Local wood				
	2x206.75x9.5x7.0cm =0.028cum+				
	1x117.50x9.5 x 7.0cm = 0.008cum.				
	= 0.036cum.				
	Add for wastage @ 5% = 0.002cum.				
	Grand Total = 0.038cum = 38 cudm				
1195	Local wood in scantling	10 cudm	38.00	309.39	1175.69
2204	Carriage of timber	cum	0.04	121.88	4.63
	LABOUR:				
0156	Carpenter (average)	day	0.72	305.00	219.60

Code No	Description	Unit	Quantity	Rate	Amount	
0114	Beldar	day	0.07	254.00	17.78	
	TOTAL				1417.70	
	Add Water Charges @ 1%				14.18	
	TOTAL				1431.87	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)				201.18	
	Total				1633.05	(Y)
	Add CPOH @ 15%				244.96	
	Cost of 0.036 cum				1878.01	
	Cost of 1 cum				52166.97	
	labour cess @1%				521.67	
	Rate including labour cess				52688.64	
		Say Rs.	**52688.60**	**per cum**		
9.2	**Providing laminated veneer lumber conforming to IS:14616 and TAD -15: 2001(Part B) in factory made frames of doors, windows, clerestory windows and other frames, wrought framed and fixing in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).**					
	Details of cost for chowkhat of a door 206.75x117.5cm					
	MATERIAL:					
	Laminated veneer lumber including wastage @ 5%					
	2x206.75x9.5x7.0cm =0.028cum					
	1x117.50x9.5x 7.0cm = 0.008cum.					
	= 0.036cum.					
	Add for wastage @ 5% = 0.002cum.					
	Grand Total = 0.038cum = 38 cudm					
7157	Laminated veneer lumber confirming to TADS 15:1995 manufactured in factory in frames of doors, windows	10 cudm	38.00	679.43	2581.83	
2204	Carriage of timber	cum	0.04	121.88	4.63	
	LABOUR:					
0111	Carpenter 1 st class	day	0.20	342.00	68.40	
0112	Carpenter 2nd class	day	0.20	305.00	61.00	
0114	Beldar	day	0.20	254.00	50.80	
	TOTAL				2766.66	
	Add Water Charges @ 1%				27.67	
	TOTAL				2794.32	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)				392.60	
	Total				3186.93	(Y)
	Add CPOH @ 15%				478.04	
	Cost of 0.036 cum				3664.97	
	Cost of 1 cum				101804.62	
	labour cess @1%				1018.05	
	Rate including labour cess				102822.67	
		Say Rs.	**102822.70**	**per cum**		

Code No	Description	Unit	Quantity	Rate	Amount
9.3	**Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position :**				
9.3.1	**Sal wood**				
	Details of cost for ceiling for a room 3x3m				
	MATERIAL:				
	Salwood= 6x3.30x(50/1000)x(125/1000)= 0.1238 cum.				
	+Cross battens 60mm centre to center				
	38x50mm.				
	6x3x(38/1000)x(50/1000)=0.0342cum.=				
	0.1580 cum.+				
	Add for wastage @ 5% = 0.0079 cum.=				
	0.1659 cum. say 166 cudm				
1199	Sal wood in scantling	10 cudm	166.00	558.43	9270.01
2204	Carriage of timber	cum	0.17	121.88	20.23
	LABOUR:				
0112	Carpenter 2nd class	day	1.00	305.00	305.00
0114	Beldar	day	1.00	254.00	254.00
9999	Sundries and screws etc.	L.S.	53.82	1.80	96.88
	TOTAL				9946.11
	Add Water Charges @ 1%				99.46
	TOTAL				10045.57 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				1411.40
	Total				11456.98 (Y)
	Add CPOH @ 15%				1718.55
	Cost of 0.158 cum				13175.52
	Cost of 1 cum				83389.39
	labour cess @1%				833.89
	Rate including labour cess				84223.29
		Say Rs.	**84223.30**	**per cum**	
9.3.2	**Kiln seasoned and chemically treated hollock wood**				
	Details of cost for ceiling for a room 3x3m				
	MATERIAL:				
	Hollock wood				
	= 6x3.30x(50/1000)x(125/1000)=0.1238 cum.				
	+Cross battens 60mm centre to center				
	38x50mm.				
	6x3 x (38/1000)x(50/1000)=0.0342cum.				
	= 0.1580 cum.+				
	Add for wastage @ 5% = 0.0079 cum.				
	= 0.1659 cum. say 166 cudm				
2466	Hollock wood in scantling	10 cudm	166.00	316.45	5253.00
2204	Carriage of timber	cum	0.17	121.88	20.23
2504	Kiln seasoning of timber	cum	0.17	698.04	115.88
9999	Chemical treatment	L.S.	18.20	1.80	32.76
	LABOUR:				
0112	Carpenter 2nd class	day	1.00	305.00	305.00
0114	Beldar	day	1.00	254.00	254.00
9999	Sundries screws etc	L.S.	53.82	1.80	96.88
	TOTAL				6077.75

Code No	Description	Unit	Quantity	Rate	Amount
	Add Water Charges @ 1%				60.78
	TOTAL				6138.52 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				862.46
	Total				7000.99 (Y)
	Add CPOH @ 15%				1050.15
	Cost of 0.158 cum				8051.13
	Cost of 1 cum				50956.54
	labour cess @1%				509.57
	Rate including labour cess				51466.11
		Say Rs.	**51466.10**	**per cum**	
9.4	**Extra for additional labour for cirular works,such as in frames of fan light.**				
9.4.1	**Second class teak wood**				
	Details of cost for chowkhat of a door 206.75x117.5cm				
	Extra Materials and labour for wastage @ 10% on quantity of item no 9.1.1				
	MATERIAL:				
1189	Second class teak wood in scantling	10 cudm	3.80	614.28	233.43
2204	Carriage of timber	cum	0.004	121.88	0.49
	LABOUR:				
0156	Carpenter (average)	day	0.07	305.00	21.96
0114	Beldar	day	0.01	254.00	1.78
	TOTAL				257.65
	Add Water Charges @ 1%				2.58
	TOTAL				260.23 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				36.56
	Total				296.79 (Y)
	Add CPOH @ 15%				44.52
	Cost of 0.036 cum				341.31
	Cost of 1 cum				9480.77
	labour cess @1%				94.81
	Rate including labour cess				9575.58
		Say Rs.	**9575.60**	**per cum**	
9.4.2	**Sal wood**				
	Details of cost for chowkhat of a door 206.75x117.5cm				
	Extra Materials and labour for wastage @10% on quantity of item no 9.1.2				
	MATERIAL:				
1199	Sal wood in scantling	10 cudm	3.80	558.43	212.20
2204	Carriage of timber	cum	0.004	121.88	0.46
	LABOUR:				
0156	Carpenter (average)	day	0.07	305.00	21.96
0114	Beldar	day	0.01	254.00	1.78
	TOTAL				236.41
	Add Water Charges @ 1%				2.36
	TOTAL				238.77 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				33.55

Code No	Description	Unit	Quantity	Rate	Amount
	Total				272.32 (Y)
	Add CPOH @ 15%				40.85
	Cost of 0.036 cum				313.16
	Cost of 1 cum				8699.03
	labour cess @1%				86.99
	Rate including labour cess				8786.02
		Say Rs.	**8786.00**	**per cum**	
9.4.3	**Kiln seasoned and chemically treated hollock wood**				
	Details of cost for chowkhat of a door 206.75x117.5cm				
	Extra Materials and labour for wastage @10% on quantity of item no 9.1.3				
	MATERIAL:				
2466	Hollock wood in scantling	10 cudm	3.80	316.45	120.25
2204	Carriage of timber	cum	0.004	121.88	0.46
2504	Kiln seasoning of timber	cum	0.004	698.04	2.65
9999	Chemical treatment	L.S.	0.90	1.80	1.62
	LABOUR:				
0156	Carpenter (average)	day	0.07	305.00	21.96
0114	Beldar	day	0.007	254.00	1.78
	TOTAL				148.72
	Add Water Charges @ 1%				1.49
	TOTAL				150.21 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				21.10
	Total				171.31 (Y)
	Add CPOH @ 15%				25.70
	Cost of 0.036 cum				197.01
	Cost of 1 cum				5472.56
	labour cess @1%				54.73
	Rate including labour cess				5527.29
		Say Rs.	**5527.30**	**per cum**	
9.5	**Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S.pressed butt hinges bright finished of required size with necessery screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerin-charge.**				
9.5.1	**Second class teak wood**				
9.5.1.1	**35 mm thick shutters**				
	Details of cost for shutters of a Door (l/3rd glazed and 2/3rd panelled) 200xl08cm = 2.16sqm)				
	MATERIAL:				
	Teak wood				
	Styles 4x200x10.0x3.5cm = 0.028 cum +				
	Rails				
	Top rails1x110.5x3.5cm = 0.004cum.+				
	Bottom rails 1x110.5x20x3.5cm = 0.008cum+				

Code No	Description	Unit	Quantity	Rate	Amount
	Lock rails 1x110.5x15 x 3.5cm = 0.006cum+				
	Beading 2x186. 1x1. 9x1.2cm =0.001cum.				
	Total = 0.047 cum+				
	Add for wastage @ 10% = 0.005cum				
	Grand Total = 0.051 cum = 51 cudm				
1190	Second class teak wood in planks	10 cudm	51.00	628.24	3204.02
2204	Carriage of timber	cum	0.05	121.88	6.22
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0114	Beldar	day	0.76	254.00	193.04
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				4113.31
	Add Water Charges @ 1%				41.13
	TOTAL				4154.44 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				583.70
	Total				4738.14 (Y)
	Add CPOH @ 15%				710.72
	Cost of 2.16 sqm				5448.86
	Cost of 1 sqm				2522.62
	labour cess @1%				25.23
	Rate including labour cess				2547.85
		Say Rs.	**2547.80**	**per sqm**	
9.5.1.2	**30 mm thick shutters**				
	Details of cost for shutters of a Door (l/3rd glazed and 2/3rd panelled) 200x108cm = 2.16 sqm				
	MATERIAL:				
	Teak wood				
	Styles : 4x200x10.0x3.0cm = 0.024 cum +				
	Top rails : 1x110.5x9.5x3.0cm=0.003cum+				
	Bottom rails: 1x110.5x19.7x3.0cm =0.007cum+				
	Lockrails: 1x110.5 x15.0x3.0cm =0.005 cum+				
	Beading : 2x186.lxl.9x1.2cm = 0.001 cum.				
	Total = 0.040 cum. +				
	Add for wastage @ 10% = 0.004 cum.				
	Grand Total = 0.044 cum = 44 cudm				
1190	Second class teak wood in planks	10 cudm	44.00	628.24	2764.25
2204	Carriage of timber	cum	0.04	121.88	5.36
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31

Code No	Description	Unit	Quantity	Rate	Amount
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0114	Beldar	day	0.76	254.00	193.04
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				3672.69
	Add Water Charges @ 1%				36.73
	TOTAL				3709.41 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				521.17
	Total				4230.59 (Y)
	Add CPOH @ 15%				634.59
	Cost of 2.16 sqm				4865.17
	Cost of 1 sqm				2252.40
	labour cess @1%				22.52
	Rate including labour cess				2274.92
		Say Rs.	**2274.90**	**per sqm**	
9.5.2	**Kiln seasoned and chemically treated hollock wood**				
9.5.2.1	**35 mm thick shutters**				
	Details of cost for shutters of a door (l/3rd glazed and 2/3rd panelled) 200x108cm = 2.16 sqm				
	MATERIAL:				
	Hollock wood				
	Styles 4x200x10.0x3.5cm = 0.028cum +				
	Rails				
	Top rails 1x110.5x10.0x3.5cm=0.004cum.+				
	Bottom rails 1x110.5x20.0x3.5cm = 0.008cum +				
	Lock rails 1 x 110.5x15.00x3.5cm = 0.006cum+				
	Beading 2xl86.1x1.9 x 1.2cm = 0.001cum.				
	Total = 0.047 cum+				
	Add for wastage				
	@ 10% = 0.005cum				
	Grand Total = 0.051 cum = 51 cudm				
2505	Hollock wood in planks	10 cudm	51.00	362.98	1851.21
2204	Carriage of timber	cum	0.05	121.88	6.22
2504	Kiln seasoning of timber	cum	0.05	698.04	35.60
9999	Chemical treatment	L.S.	9.10	1.80	16.38
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				

Code No	Description	Unit	Quantity	Rate	Amount
0156	Carpenter (average)	day	1.83	305.00	558.15
0114	Beldar	day	0.76	254.00	193.04
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				2812.48
	Add Water Charges @ 1%				28.12
	TOTAL				2840.61 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				399.11
	Total				3239.71 (Y)
	Add CPOH @ 15%				485.96
	Cost of 2.16 sqm				3725.67
	Cost of 1 sqm				1724.85
	labour cess @1%				17.25
	Rate including labour cess				1742.09
		Say Rs.	**1742.10**	**per sqm**	
9.5.2.2	**30 mm thick shutters**				
	Details of cost for shutters of a door (l/3rd glazed and 2/3rd panelled) 200xl08cm = 2.16sqm				
	MATERIAL:				
	Hollock wood				
	Styles 4x200xl0.0x3.0cm = 0.024 cum +				
	Rails				
	Top rails 1x110.5x9.50x3.0cm = 0.003cum.+				
	Lock rails 1x110.5x15.0x3.0cm = 0.005cum+				
	Bottom rails 1 x 110.5xl9.7x3.0cm = 0.007cum+				
	Beading 2x186.1 x 1.9x1.2cm = 0.001cum				
	Total = 0.040 cum.+				
	Add for wastage @ 10% = 0.004cum				
	Grand Total = 0.044 cum or = 44 cudm				
2505	Hollock wood in planks	10 cudm	44.00	362.98	1597.12
2204	Carriage of timber	cum	0.04	121.88	5.36
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71
9999	Chemical treatment	L.S.	9.10	1.80	16.38
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0114	Beldar	day	0.76	254.00	193.04
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				2552.65
	Add Water Charges @ 1%				25.53
	TOTAL				2578.18 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				362.23

Code No	Description	Unit	Quantity	Rate	Amount
	Total				2940.41 (Y)
	Add CPOH @ 15%				441.06
	Cost of 2.16 sqm				3381.48
	Cost of 1 sqm				1565.50
	labour cess @1%				15.65
	Rate including labour cess				1581.15
		Say Rs.	**1581.20**	**per sqm**	
9.5.3	**Kiln seasoned selected planks of sheesham wood**				
9.5.3.1	**35 mm thick shutters**				
	Details of cost for Details of cost for shutters of a door (1/3rd glazed and 2/3rd panelled) 200x108cm = 2.16 sqm Sheesham wood Styles 4x200x10.0x3.5cm = 0.028cum + Rails Top rails 1x110.5x10.0x3.5cm = 0.004cum. Lock rails 1x110.5x15.0x3.5cm = 0.006cum+ Beading 2x86.1 x 1.9x1.2cm = 0.001 cum Total = 0.047 cum.+ Add for wastage @ 10% = 0.005cum Grand Total = 0.051 cum or = 51 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	51.00	604.97	3085.35
2204	Carriage of timber	cum	0.05	121.88	6.22
2504	Kiln seasoning of timber	cum	0.05	698.04	35.60
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0114	Beldar	day	0.76	254.00	193.04
9999	Carriage	L.S.	35.88	1.80	64.58
	TOTAL				4030.24
	Add Water Charges @ 1%				40.30
	TOTAL				4070.54 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				571.91
	Total				4642.45 (Y)
	Add CPOH @ 15%				696.37
	Cost of 2.16 sqm				5338.82
	Cost of 1 sqm				2471.68
	labour cess @1%				24.72
	Rate including labour cess				2496.39
		Say Rs.	**2496.40**	**per sqm**	
9.5.3.2	**30 mm thick shutters**				

Code No	Description	Unit	Quantity	Rate	Amount
	Details of cost for shutters of a door (1/3rd glazed and 2/3rd panelled) 200x108cm = 2.16sqm Sheesham wood Styles 4x200x10.0x3.5cm = 0.028cum+ Rails Top rails 1x110.5x10.0x3.5cm = 0.004cum.+ Lock rails 1x110.5x15.0x3.5cm = 0.006cum+ Beading 2x186.1x1.9x1.2cm = 0.001 cum. Total = 0.047 cum.+ Add for wastage @ 10% = 0.005cum Grand Total=0.051 cum or = 51 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	604.97	2661.87
2204	Carriage of timber	cum	0.04	121.88	5.36
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71
0596	Bright finished or black enameled mild steel butt hinges 75x47x1.70 mm	10 Nos	6.00	55.84	33.51
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0114	Beldar	day	0.76	254.00	193.04
9999	Carriage	L.S.	35.88	1.80	64.58
	TOTAL				3575.37
	Add Water Charges @ 1%				35.75
	TOTAL				3611.12 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				507.36
	Total				4118.49 (Y)
	Add CPOH @ 15%				617.77
	Cost of 2.16 sqm				4736.26
	Cost of 1 sqm				2192.71
	labour cess @1%				21.93
	Rate including labour cess				2214.64
		Say Rs.	**2214.60**	**per sqm**	
9.6	**Providing and fixing 35 mm thick factory made laminated veneer lumber door shutter conforming to IS : 14616 and TADS 15:2001 (Part B), including ISI marked M.S.pressed butt hinges bright finished of required size with necessery screws, all complete as per directions of Engineer-in-Charge and panelling with panels of:**				
9.6.1	**12 mm thick plain grade - 1, medium density flat pressed three layer particle board FPT - I or graded wood particle board FPT-I, IS :3087 marked, bonded with BWP type synthetic resin adhesive as per IS : 848 :** **Details of cost for one shutter 220 x 108 cm = 2.38sqm** **<u>MATERIAL:</u>**				

Code No	Description	Unit	Quantity	Rate	Amount
7137	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of 12 mm thick plain type-I, medium density flat pressed three layer, graded particle board (FPT-I) as per IS:3087 bonded with BWP type synthetic resin adhesive, as per IS:848				
		sqm	2.38	1582.23	3765.71
9999	Carriage of shutters	L.S.	29.64	1.80	53.35
	FITTINGS:				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.52	305.00	158.60
0114	Beldar	day	0.60	254.00	152.40
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				4281.94
	Add Water Charges @ 1%				42.82
	TOTAL				4324.76 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				607.63
	Total				4932.39 (Y)
	Add CPOH @ 15%				739.86
	Cost of 2.38 sqm				5672.25
	Cost of 1 sqm				2383.30
	labour cess @1%				23.83
	Rate including labour cess				2407.13
		Say Rs.	**2407.10**	**per sqm**	
9.6.2	**12 mm thick pre-laminated particle board (decorative lamination on both sides) grade - 1, medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPT - I, conforming to IS : 3087, bonded with BWP type synthetic resin adhesive as per IS : 848 and prelaminated conforming to IS : 12823, Grade 1, Type - II marked :**				
	Details of cost for one shutter 220x108cm = 2.38sqm				
	MATERIAL:				
7139	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of 12 mm thick both sides prelaminated type-I, medium density flat pressed three layer, graded particle board (FPT-I) as per IS:3087 bonded with BWP type synthetic resin adhesive, as per IS:848				
		sqm	2.38	1675.30	3987.22
9999	Carriage of shutters	L.S.	29.64	1.80	53.35

Code No	Description	Unit	Quantity	Rate	Amount
	Fittings				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.52	305.00	158.60
0114	Beldar	day	0.60	254.00	152.40
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				4503.46
	Add Water Charges @ 1%				45.03
	TOTAL				4548.49 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				639.06
	Total				5187.55 (Y)
	Add CPOH @ 15%				778.13
	Cost of 2.38 sqm				5965.69
	Cost of 1 sqm				2506.59
	labour cess @1%				25.07
	Rate including labour cess				2531.66
		Say Rs.	**2531.70**	**per sqm**	
9.6.3	**12 mm thick one side Pre-laminated particle board (decorative lamination on one side and other sides balancing lamination) grade - 1 medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPT-1 conforming to IS : 3087 bonded with BWP type synthetic resin adhesive as per IS : 848 and pre-laminated conforming to IS : 12823 Grade -1, Type II marked:**				
	Details of cost for one shutter 220x108cm = 2.38sqm				
	MATERIAL:				
7143	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of 12 mm thick one side prelaminated type-I, and other side balancing lamination, medium density flat pressed three layer, graded particle board FPT-I) as per IS:3087 bonded with BWP type synthetic resin adhesive, as per IS:848	sqm	2.38	1861.45	4430.24
9999	Carriage of shutters	L.S.	29.64	1.80	53.35
	Fittings				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38

Code No	Description	Unit	Quantity	Rate	Amount
	LABOUR:				
0156	Carpenter (average)	day	0.52	305.00	158.60
0114	Beldar	day	0.60	254.00	152.40
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				4946.48
	Add Water Charges @ 1%				49.46
	TOTAL				4995.95 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				701.93
	Total				5697.88 (Y)
	Add CPOH @ 15%				854.68
	Cost of 2.38 sqm				6552.56
	Cost of 1 sqm				2753.18
	labour cess @1%				27.53
	Rate including labour cess				2780.71
		Say Rs.	**2780.70**	**per sqm**	
9.7	**Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:**				
9.7.1	**Second class teak wood**				
	Details of cost for shutters of a door with 2/3rd panelling... 200x 108cm = 2.16sqm.				
	Panel area = 4x45.1x36.55cm = 0.66 sqm				
	MATERIAL:				
	Panels 4x47.2x38.65xl.6cm = 0.0117cum +				
	Add for wastage @ 10% = 0.0012cum.				
	= 0.0129 cum				
1190	Second class teak wood in planks	10 cudm	12.90	628.24	810.43
2204	Carriage of timber	cum	0.0129	121.88	1.57
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				1014.90
	Add Water Charges @ 1%				10.15
	TOTAL				1025.04 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				144.02
	Total				1169.06 (Y)
	Add CPOH @ 15%				175.36
	Cost of 0.66 sqm				1344.42
	Cost of 1 sqm				2037.00
	labour cess @1%				20.37
	Rate including labour cess				2057.37
		Say Rs.	**2057.40**	**per sqm**	
9.7.2	**Kiln seasoned and chemically treated hollock wood**				

Code No	Description	Unit	Quantity	Rate	Amount
	Details of cost for shutters of a door 200x108cm				
	= 2.16 sqmPanel area 4x45.1x36.55cm=0.66sqm				
	MATERIAL:				
2505	Hollock wood in planks	10 cudm	12.90	362.98	468.25
	Hollock wood				
	panels 4x45.1x36.55cm = 0.0117 cum+				
	Add for wastage @ 10% = 0.0012cum.				
	Total = 0.0129 cum = 12.90 cudm				
2204	Carriage of timber	cum	0.01	121.88	1.57
2504	Kiln seasoning of timber	cum	0.01	698.04	9.00
9999	Chemical treatment	L.S.	8.97	1.80	16.15
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				697.87
	Add Water Charges @ 1%				6.98
	TOTAL				704.84 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				99.03
	Total				803.88 (Y)
	Add CPOH @ 15%				120.58
	Cost of 0.66 sqm				924.46
	Cost of 1 sqm				1400.69
	labour cess @1%				14.01
	Rate including labour cess				1414.70
		Say Rs.	**1414.70**	**per sqm**	
9.7.3	**Ply wood 5 ply, 9 mm thick**				
9.7.3.1	**Decorative plywood both side decorative vene er (Type - I) conforming to IS 1328 BWR type.**				
	Details of cost for shutters of a door with 2/3 rd				
	panelling. 200 x 108cm = 2.16 sqm Panel area				
	4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
2480	Ply wood 5 ply with teak ply on both faces 9 mm thick	sqm	0.80	751.09	600.88
9999	Carriage of plywood	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				807.05
	Add Water Charges @ 1%				8.07
	TOTAL				815.12 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				114.52
	Total				929.64 (Y)
	Add CPOH @ 15%				139.45
	Cost of 0.66 sqm				1069.09
	Cost of 1 sqm				1619.83

Code No	Description	Unit	Quantity	Rate	Amount
	labour cess @1%				16.20
	Rate including labour cess				1636.03
		Say Rs.	**1636.00**	**per sqm**	
9.7.3.2	**Decorative plywood one side decorative veneer and commercial veneer on other face (Type 1) conforming to IS 1328 BWR Type**				
	Details of cost for shutters of a door with 2/3rd panelling. 200x108cm = 2.16 sqm				
	Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
2481	Ply wood 5 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	0.80	791.11	632.89
9999	Carriage of plywood	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				839.06
	Add Water Charges @ 1%				8.39
	TOTAL				847.45 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				119.07
	Total				966.52 (Y)
	Add CPOH @ 15%				144.98
	Cost of 0.66 sqm				1111.50
	Cost of 1 sqm				1684.09
	labour cess @1%				16.84
	Rate including labour cess				1700.93
		Say Rs.	**1700.90**	**per sqm**	
9.7.4	**Ply wood 7 ply, 9 mm thick**				
9.7.4.1	**Decorative plywood one side decorative veneer and commercial veneer on other face (Type 1) conforming to IS 1328 BWR Type**				
	Details of cost for shutters of a door with 2/3 rd panelling. 200x108cm = 2.16 sqmPanel area				
	4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
2483	Ply wood 7 ply with teak ply on one face and commercial ply on another face 9 mm thick	sqm	0.80	884.19	707.35
9999	Carriage of plywood	L.S.	1.82	1.80	3.28

Code No	Description	Unit	Quantity	Rate	Amount
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				913.52
	Add Water Charges @ 1%				9.14
	TOTAL				922.66 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				129.63
	Total				1052.29 (Y)
	Add CPOH @ 15%				157.84
	Cost of 0.66 sqm				1210.13
	Cost of 1 sqm				1833.54
	labour cess @1%				18.34
	Rate including labour cess				1851.87
		Say Rs.	**1851.90**	**per sqm**	
9.7.5	**Particle Board 12 mm thick**				
9.7.5.1	**Plain particle board flat pressed, 3 layer or graded wood particle board medium density Grade I, IS : 3087 marked**				
	Details of cost for shutters of a door with 2/3rd panelling. 200x108cm = 2.16 sqm				
	Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
0341	Flat pressed 3 layer particle board (medium density) Grade 1, 12 mm thick	sqm	0.80	307.14	245.71
9999	Carriage of plywood	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				451.88
	Add Water Charges @ 1%				4.52
	TOTAL				456.40 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)				64.12
	Total				520.53 (Y)
	Add CPOH @ 15%				78.08
	Cost of 0.66 sqm				598.61
	Cost of 1 sqm				906.98
	labour cess @1%				9.07
	Rate including labour cess				916.05
		Say Rs.	**916.00**	**per sqm**	
9.7.5.2	**Veneered flat pressed three layer or graded wood particle board with commercial veneering on both sides conforming to IS :3097, grade I**				
	Details of cost for shutters of a door with 2/3 rd				

Code No	Description	Unit	Quantity	Rate	Amount
	panelling. 200x108cm=2.16 sqm				
	Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
7468	Veneered particle board with commercial veneering on both sides 12 mm thick	sqm	0.80	483.98	387.18
9999	Carriage of plywood	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				593.35
	Add Water Charges @ 1%				5.93
	TOTAL				599.29
	Add GST 12% on "X"(multiplying factor 0.1405)				84.20
	Total				683.49 (Y)
	Add CPOH @ 15%				102.52
	Cost of 0.66 sqm				786.01
	Cost of 1 sqm				1190.92
	labour cess @1%				11.91
	Rate including labour cess				1202.83
		Say Rs.	**1202.80**	**per sqm**	
9.7.5.3	**Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side, Grade I, Type II, IS : 12823 marked**				
	Details of cost for shutters of a door with 2/3 rd				
	panelling. 200x108cm=2.16 sqm				
	Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Plywood (9mm thick)				
	4x47.2x38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
7477	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	0.80	524.00	419.20
9999	Carriage of plywood	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				625.37
	Add Water Charges @ 1%				6.25
	TOTAL				631.62
	Add GST 12% on "X"(multiplying factor 0.1405)				88.74
	Total				720.37 (Y)

Code No	Description	Unit	Quantity	Rate	Amount
	Add CPOH @ 15%				108.05
	Cost of 0.66 sqm				828.42
	Cost of 1 sqm				1255.18
	labour cess @1%				12.55
	Rate including labour cess				1267.74
		Say Rs.	**1267.70**	**per sqm**	
9.7.5.4	**Pre-laminated particle board with decorative lamination on both sides, Grade I, Type II, IS :12823 marked**				
	Details of cost for shutters of a door with 2/3 rd panelling. 200x108cm = 2.16 sqm Panel area 4x45.1x36.55cm= 0.66sqm MATERIAL: Plywood (9mm thick) 4x47.2x38.65cm = 0.73sqm Add for wastage @ 10% = 0.07sqm Total = 0.80 sqm				
7480	Pre/aminated particle board with both sides decorative lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	0.80	554.71	443.77
9999	Carriage of plywood	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				649.94
	Add Water Charges @ 1%				6.50
	TOTAL				656.44
	Add GST 12% on "X"(multiplying factor 0.1405)				92.23
	Total				748.67 (Y)
	Add CPOH @ 15%				112.30
	Cost of 0.66 sqm				860.97
	Cost of 1 sqm				1304.50
	labour cess @1%				13.05
	Rate including labour cess				1317.55
		Say Rs.	**1317.50**	**per sqm**	
9.7.6	**Coir Veneer Board (conforming to IS 14842)**				
9.7.6.1	**12 mm thick**				
	Details of cost for shutters of a door with 2/3 rd panelling 200x108cm = 2.16 sqm Panel area 4x45.1x36.55cm = 0.66sqm MATERIAL : Coir veneered board 12mm thick 4x47.2 x 38.65cm = 0.73sqm Add for wastage @ 10% = 0.07sqm Total = 0.80 sqm				
7555	Coir veneered board 12 mm thick	sqm	0.80	651.51	521.21
9999	Carriage	L.S.	1.82	1.80	3.28
	LABOUR:				

Code No	Description	Unit	Quantity	Rate	Amount
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				727.38
	Add Water Charges @ 1%				7.27
	TOTAL				734.65
	Add GST 12% on "X"(multiplying factor 0.1405)				103.22
	Total				837.87 (Y)
	Add CPOH @ 15%				125.68
	Cost of 0.66 sqm				963.55
	Cost of 1 sqm				1459.92
	labour cess @1%				14.60
	Rate including labour cess				1474.52
		Say Rs.	**1474.50**	**per sqm**	
9.7.7	**Float glass panes**				
9.7.7.1	**4 mm thick glass pane**				
	Details of cost for shutters of a door with 2/3 rd panelling 200x108cm = 2.16 sqm				
	Panel area 4x45.1x36.55cm = 0.66sqm				
	MATERIAL:				
	Coir veneered board 12mm thick				
	4x47.2x 38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
2406	Float glass sheet of nominal thickness 4 mm				
	(weight not less than 10 kg/sqm)	sqm	0.80	266.19	212.95
9999	Carriage	L.S.	1.82	1.80	3.28
0156	Carpenter (average)	day	0.57	305.00	173.85
0119	Glazier	day	0.15	286.00	42.90
0114	Beldar	day	0.15	254.00	38.10
9999	Sundries	L.S.	25.47	1.80	45.85
	TOTAL				516.92
	Add Water Charges @ 1%				5.17
	TOTAL				522.09
	Add GST 12% on "X"(multiplying factor 0.1405)				73.35
	Total				595.44 (Y)
	Add CPOH @ 15%				89.32
	Cost of 0.66 sqm				684.76
	Cost of 1 sqm				1037.52
	labour cess @1%				10.38
	Rate including labour cess				1047.89
		Say Rs.	**1047.90**	**per sqm**	
9.7.7.2	**5.5 mm thick glass pane**				
	Details of cost for Details of cost for shutters of a door with 2/3 rd panelling200x108cm = 2.16sqm				
	Panel area 4x45.1x36.55cm=0.66sqm				
	MATERIAL:				
	Coir veneered board 12mm thick				
	4x47.2x 38.65cm=0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				

Code No	Description	Unit	Quantity	Rate	Amount
2407	Float glass sheet of nominal thickness 5.5 mm				
	(weight not less than 13.50 kg/sqm)	sqm	0.80	456.05	364.84
9999	Carriage	L.S.	1.82	1.80	3.28
0156	Carpenter (average)	day	0.57	305.00	173.85
0119	Glazier	day	0.15	286.00	42.90
0114	Beldar	day	0.15	254.00	38.10
9999	Sundries	L.S.	25.47	1.80	45.85
	TOTAL				668.82
	Add Water Charges @ 1%				6.69
	TOTAL				675.50
	Add GST 12% on "X"(multiplying factor 0.1405)				94.91
	Total				770.41 (Y)
	Add CPOH @ 15%				115.56
	Cost of 0.66 sqm				885.97
	Cost of 1 sqm				1342.38
	labour cess @1%				13.42
	Rate including labour cess				1355.81
		Say Rs.	**1355.80**	**per sqm**	
9.7.8	**Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia wire and 1.4 mm wide aperture with matching wood beading**				
	Details of cost for shutters of a door with 2/3 rd				
	panelling 200x108 cm = 2.16 sqm				
	Panel area 4x45.1x36.55 cm = 0.66 sqm				
	MATERIAL:				
	Coir veneered board 12mm thick				
	4x47.2 x 38.65cm = 0.73sqm				
	Add for wastage @ 10% = 0.07sqm				
	Total = 0.80 sqm				
8737	Stainless steel wire guage (Grade-304)				
	aperture 1.4 mm and 0.50 mm dia wire	sqm	0.80	604.97	483.98
9999	Carriage	L.S.	1.82	1.80	3.28
0112	Carpenter 2nd class	day	0.57	305.00	173.85
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				669.06
	Add Water Charges @ 1%				6.69
	TOTAL				675.75
	Add GST 12% on "X"(multiplying factor 0.1405)				94.94
	Total				770.69 (Y)
	Add CPOH @ 15%				115.60
	Cost of 0.66 sqm				886.30
	Cost of 1 sqm				1342.87
	labour cess @1%				13.43
	Rate including labour cess				1356.30
		Say Rs.	**1356.30**	**per sqm**	

Code No	Description	Unit	Quantity	Rate	Amount
9.9	**Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.**				
9.9.1	**Second class teak wood**				
9.9.1.1	**35 mm thick**				
	Details of cost for shutter of a door (glazed)				
	200x108cm = 2.16 sqm				
	Teak wood (2nd class)				
	Styles : 4x200x9.5x3.5cm =0.027cum				
	Rails:				
	Top & intermediate rails				
	2x110.5x9.5x3.5cm = 0.008cum				
	Lock and bottom rails				
	2x110.5xl9.7x3.5cm= 0.015cum				
	Beadings				
	:2x186.1x1.9x1.2cm = 0.001cum				
	4x171.70x 1.9x 1.2cm = 0.002cum.				
	Total = 0.053 cum.				
	Add for wastage @ 10% = 0.005cum.				
	Grand Total = 0.058 cum = 58 cudm				
1190	Second class teak wood in planks	10 cudm	58.00	628.24	3643.78
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	266.19	338.06
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
2204	Carriage of timber	cum	0.06	123.51	7.16
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0119	Glazier	day	0.23	286.00	65.78
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				4968.59
	Add Water Charges @ 1%				49.69
	TOTAL				5018.28
	Add GST 12% on "X"(multiplying factor 0.1405)				705.07
	Total				5723.34 (Y)
	Add CPOH @ 15%				858.50
	Cost of 2.16 sqm				6581.84
	Cost of 1 sqm				3047.15
	labour cess @1%				30.47
	Rate including labour cess				3077.62
		Say Rs.	**3077.60**	**per sqm**	

Code No	Description	Unit	Quantity	Rate	Amount
9.9.1.2	**30 mm thick**				
	Details of cost for shutter of a door (glazed)				
	200x108cm = 2.16 sqm				
	MATERIAL:				
	Teak wood Styles :				
	4x200x9.5x3.0cm = 0.023cum +				
	Rails :				
	Top & intermediate rails				
	2x110.5x9.5x3.0 cm = 0.006cum+				
	Lock and bottom rails				
	2x110.5x19.7x 3.0cm = 0.013cum+				
	Beadings-2x186.1xl.9xl.2cm =0.001cum +				
	4x 171.70x 1.9x 1.2cm = 0.002cum.				
	Total = 0.045 cum. +				
	Add for wastage @ 10% = 0.005cum.				
	Grand Total = 0.050 cum = 50 cudm				
1190	Second class teak wood in planks	10 cudm	50.00	628.24	3141.19
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	266.19	338.06
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
2204	Carriage of timber	cum	0.05	123.51	6.18
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0119	Glazier	day	0.23	286.00	65.78
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				4465.01
	Add Water Charges @ 1%				44.65
	TOTAL				4509.66
	Add GST 12% on "X"(multiplying factor 0.1405)				633.61
	Total				5143.27 (Y)
	Add CPOH @ 15%				771.49
	Cost of 2.16 sqm				5914.76
	Cost of 1 sqm				2738.31
	labour cess @1%				27.38
	Rate including labour cess				2765.70
		Say Rs.	**2765.70**	**per sqm**	
9.9.2	**Kiln seasoned and chemically treated hollock wood**				
9.9.2.1	**35 mm thick**				
	Details of cost for shutter of a door (glazed)				
	200x108cm = 2.16 sqm				
	MATERIAL:				

Code No	Description	Unit	Quantity	Rate	Amount
	i) Hollock wood				
	Styles : 4x200x9.5x3.5cm = 0.027cum+				
	Rails				
	Top & intermediate rails				
	2x110.5x9.5x3.50cm = 0.008cum+				
	Lock and bottom rails				
	2x110.5x19.7x3.50cm = 0.015cum+				
	Beadings-				
	2xl86.1x1.9x1.2cm = 0.001cum +				
	4x 171.70x 1.9x 1.2cm = 0.002cum.				
	Total = 0.053 cum.				
	+ Add for wastage @ 10% = 0.005cum.				
	Grand Total = 0.058 cum or = 58 cudm				
2505	Hollock wood in planks	10 cudm	58.00	362.98	2105.30
2504	Kiln seasoning of timber	cum	0.06	698.04	40.49
9999	Chemical treatment	L.S.	9.10	1.80	16.38
2406	Float glass sheet of nominal thickness 4 mm				
	weight not less than 10 kg/sqm)	sqm	1.27	266.19	338.06
0595	Bright finished or black enameled mild steel butt				
	hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt				
	hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws				
	40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws				
	20 mm	100 Nos	8.00	29.78	2.38
2204	Carriage of timber	cum	0.06	123.51	7.16
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0119	Glazier	day	0.23	286.00	65.78
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				3486.97
	Add Water Charges @ 1%				34.87
	TOTAL				3521.84
	Add GST 12% on "X"(multiplying factor 0.1405)				494.82
	Total				4016.66 (Y)
	Add CPOH @ 15%				602.50
	Cost of 2.16 sqm				4619.16
	Cost of 1 sqm				2138.50
	labour cess @1%				21.38
	Rate including labour cess				2159.88
		Say Rs.	**2159.90**	**per sqm**	
9.9.2.2	**30 mm thick**				
	Details of cost for shutter of a door (glazed)				
	200x108cm = 2.16 sqm				
	MATERIAL:				
	(i) Hollock wood Styles :				
	4x200x9.50x3.0cm=0.023cum+				
	Rails				

Code No	Description	Unit	Quantity	Rate	Amount
	Top & intermediate rails				
	2x110.5x9.50x3.0cm=0.006cum+				
	Lock and bottom rails				
	2x110.5x19.70x3.0cm =0.013cum+				
	Beadings-				
	2x186.1x1.9x1.2cm = 0.001cum+				
	4x 171.70x 1.9x 1.2cm = 0.002cum.				
	Total = 0.045 cum.+				
	Add for wastage @ 10%=0.005cum.				
	Grand Total = 0.050 = 50 cudm				
2505	Hollock wood in planks	10 cudm	50.00	362.98	1814.91
2504	Kiln seasoning of timber	cum	0.05	698.04	34.90
9999	Chemical treatment	L.S.	9.10	1.80	16.38
2406	Float glass sheet of nominal thickness 4 mm				
	(weight not less than 10 kg/sqm)	sqm	1.27	266.19	338.06
0595	Bright finished or black enameled mild steel butt				
	hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt				
	hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws				
	40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws				
	20 mm	100 Nos	8.00	29.78	2.38
2204	Carriage of timber	cum	0.05	123.51	6.18
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0119	Glazier	day	0.23	286.00	65.78
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				3190.01
	Add Water Charges @ 1%				31.90
	TOTAL				3221.91
	Add GST 12% on "X"(multiplying factor 0.1405)				452.68
	Total				3674.59 (Y)
	Add CPOH @ 15%				551.19
	Cost of 2.16 sqm				4225.78
	Cost of 1 sqm				1956.38
	labour cess @1%				19.56
	Rate including labour cess				1975.94
		Say Rs.	**1975.90**	**per sqm**	

9.9.3 Kiln seasoned selected planks of sheesham wood

9.9.3.1 35 mm thick

Details of cost for shutter of a door (glazed)

200 x 108 cm = 2.16 sqm

MATERIAL :

(i) Hollock wood

Styles : 4 x 200 x 9.53 x 3.5cm = 0.27 cum +

Rails

Top & intermediate rails

Code No	Description	Unit	Quantity	Rate	Amount
	2 x 110.5 x 9.5x3.50cm = 0.008cum +				
	Lock and bottom rails				
	2x110.5 x 19.7 x 3.50cm = 0.015cum +				
	Beading				
	2×186.1×1.9×1.2 cm = 0.001 cum +				
	4 ×171.70×1.9×1.20 cm = 0.002 cum				
	Total = 0.053 cum				
	Add for wastage@10% = 0.005 cum				
	Grand total = 0.058 cum or 58 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	58.00	604.97	3508.83
2504	Kiln seasoning of timber	cum	0.06	698.04	40.49
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	266.19	338.06
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
2204	Carriage of timber	cum	0.06	123.51	7.16
0156	Carpenter (average)	day	1.83	305.00	558.15
0119	Glazier	day	0.23	286.00	65.78
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				4874.12
	Add Water Charges @ 1%				48.74
	TOTAL				4922.86
	Add GST 12% on "X"(multiplying factor 0.1405)				691.66
	Total				5614.52 (Y)
	Add CPOH @ 15%				842.18
	Cost of 2.16 sqm				6456.70
	Cost of 1 sqm				2989.21
	labour cess @1%				29.89
	Rate including labour cess				3019.11
		Say Rs.	**3019.10**	**per sqm**	
9.9.3.2	**30 mm thick**				
	Details of cost for shutters of a cup-board				
	(half glazed and half panelled) 200x108cm =				
	2.16 sqm				
	(i) Sheesham wood				
	Styles :				
	4x200x9.50x3.0cm = 0.023cum +				
	Rails				
	Top & intermediate rails				
	2x110.5x9.50x3.0cm= 0.006cum+				
	Lock and bottom rails				
	2x110.5x19.70x3.0cm = 0.013cum+				
	Beadings-2x186.1x1.9x1.2cm= 0.001cum+				

Code No	Description	Unit	Quantity	Rate	Amount
	4x71.70x 1.9x 1.2cm = 0.002cum.				
	Total = 0.045 cum.+				
	Add for wastage @ 10% = 0.005cum.				
	Grand Total = 0.050 = 50 cudm				
	Panels : 2 x 48 x 41 x 1.6cm = 0.006cm +				
	Sash bars 2 x 114 x 3.8 x 2.5cm = 0.003 cum +				
	6 x 48 x 3.8 x 2.5cm = 0.003 cum +				
	Beading - 16 x 92 x 1.4 x 1.2cm = 0.002 cum				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	50.00	604.97	3024.85
2504	Kiln seasoning of timber	cum	0.05	698.04	34.90
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	266.19	338.06
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
2204	Carriage of timber	cum	0.05	0.00	0.00
0156	Carpenter (average)	day	1.83	305.00	558.15
0119	Glazier	day	0.23	286.00	65.78
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				4377.40
	Add Water Charges @ 1%				43.77
	TOTAL				4421.17
	Add GST 12% on "X"(multiplying factor 0.1405)				621.17
	Total				5042.34 (Y)
	Add CPOH @ 15%				756.35
	Cost of 2.16 sqm				5798.70
	Cost of 1 sqm				2684.58
	labour cess @1%				26.85
	Rate including labour cess				2711.43
		Say Rs.	**2711.40**	**per sqm**	
9.10	**Providing and fixing factory made laminated veneer lumber glazed shutter conforming to IS: 14616 and TADS 15:2001 (Part B), using 4 mm thick float glass panes for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, all as per directions of Engineer-in-charge.**				
9.10.1	**30 mm thick shutters**				
	Details of cost for one shutter 220x108cm = 2.38sqm				
	MATERIAL:				
7151	Factory made 30 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of sheet glass using 10 kg/ sqm glass				

Code No	Description	Unit	Quantity	Rate	Amount
	panes	sqm	2.38	1582.23	3765.71
9999	Carriage of shutters	L.S.	29.64	1.80	53.35
	Fittings				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.52	305.00	158.60
0114	Beldar	day	0.60	254.00	152.40
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				4281.94
	Add Water Charges @ 1%				42.82
	TOTAL				4324.76
	Add GST 12% on "X"(multiplying factor 0.1405)				607.63
	Total				4932.39 (Y)
	Add CPOH @ 15%				739.86
	Cost of 2.38 sqm				5672.25
	Cost of 1 sqm				2383.30
	labour cess @1%				23.83
	Rate including labour cess				2407.13
		Say Rs.	**2407.10**	**per sqm**	
9.11	**Extra for providing heavy sheet float glass panes instead of ordinary float glass in glazed doors,windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).**				
9.11.1	**5.5 mm thick instead of 4 mm thick**				
	Details of cost for 1 sqm.				
	MATERIAL:				
2407	Float glass sheet of nominal thickness 5.5 mm (weight not less than 13.50 kg/sqm)	sqm	1.00	456.05	456.05
	Deduct				
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	-1.00	266.19	-266.19
	TOTAL				189.87
	Add Water Charges @ 1%				1.90
	TOTAL				191.77
	Add GST 12% on "X"(multiplying factor 0.1405)				26.94
	Total				218.71 (Y)
	Add CPOH @ 15%				32.81
	Cost of 1 sqm				251.52
	labour cess @1%				2.52
	Rate including labour cess				254.03
		Say Rs.	**254.00**	**per sqm**	

Code No	Description	Unit	Quantity	Rate	Amount
9.12	**Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).**				
	Details of cost for 1 sqm.				
	MATERIAL:				
7032	Frosted glass sheet of nominal thickness 4 mm				
	(weighing not less than 10 kg/sqm)	sqm	1.00	325.75	325.75
	Deduct				
2406	Float glass sheet of nominal thickness 4 mm				
	(weight not less than 10 kg/sqm)	sqm	-1.00	266.19	-266.19
	TOTAL				59.57
	Add Water Charges @ 1%				0.60
	TOTAL				60.16
	Add GST 12% on "X"(multiplying factor 0.1405)				8.45
	Total				68.61 (Y)
	Add CPOH @ 15%				10.29
	Cost of 1 sqm				78.91
	labour cess @1%				0.79
	Rate including labour cess				79.70
		Say Rs.	**79.70**	**per sqm**	
9.13	**Deduct for providing pin headed glass panes instead of ordinary float glass panes weighing 4 mm thick in doors, windows and clerestory window shutters (Area of opening for glass panes excluding portion inside rebate shall be measured).**				
	Details of cost for 1 sqm.				
	MATERIAL:				
	Deduct				
7451	Glass sheet (Pin headed) 4 mm thick	sqm	1.00	297.83	297.83
2406	Float glass sheet of nominal thickness 4 mm				
	(weight not less than 10 kg/sqm)	sqm	-1.00	266.19	-266.19
	TOTAL				31.64
	Add Water Charges @ 1%				0.32
	TOTAL				31.96
	Add GST 12% on "X"(multiplying factor 0.1405)				4.49
	Total				36.45 (Y)
	Add CPOH @ 15%				5.47
	Cost of 1 sqm				41.92
	labour cess @1%				0.42
	Rate including labour cess				42.34
		Say Rs.	**42.30**	**per sqm**	
9.14	**Extra for providing ISI marked Stainless Steel butt hinges instead of M.S. pressed butt hinges bright finished of required size with necessary screws. (Shutter area to be measured).**				
	Details of cost for one door shutter of a				

Code No	Description	Unit	Quantity	Rate	Amount
	door 200x108cm = 2.16 sqm				
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
	Deduct				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	-6.00	79.11	-47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	-2.00	46.54	-9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	-48.00	58.64	-28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	-8.00	29.78	-2.38
	TOTAL				172.78
	Add Water Charges @ 1%				1.73
	TOTAL				174.51
	Add GST 12% on "X"(multiplying factor 0.1405)				24.52
	Total				199.03 (Y)
	Add CPOH @ 15%				29.85
	Cost of 2.16 sqm				228.88
	Cost of 1 sqm				105.96
	labour cess @1%				1.06
	Rate including labour cess				107.02
		Say Rs.	**107.00**	**per sqm**	
9.15	**Deduct for not providing hinges in doors,windows and clerestory window shutters with:**				
9.15.1	**Stainless steel butt hinges with stainless steel screws**				
9.15.1.1	**For 2nd class teak wood and other class of wood shutters**				
	Details of cost for fittings for shutter of size 200x108cm = 2.16 sqm				
	MATERIAL:				
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
	TOTAL				260.08
	Add Water Charges @ 1%				2.60
	TOTAL				262.68
	Add GST 12% on "X"(multiplying factor 0.1405)				36.91
	Total				299.59 (Y)
	Add CPOH @ 15%				44.94
	Cost of 2.16 sqm				344.53
	Cost of 1 sqm				159.50

Code No	Description	Unit	Quantity	Rate	Amount
	labour cess @1%				1.60
	Rate including labour cess				161.10
		Say Rs.	**161.10**	**per sqm**	
9.15.2	**ISI marked M.S. pressed butt hinges bright finished of required size with necessery screws**				
9.15.2.1	**For 2nd class teak wood and other class of wood shutters**				
	Details of cost for hinges with screws for shutters of size 200x108cm = 2.16 sqm				
	MATERIAL:				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	TOTAL				87.30
	Add Water Charges @ 1%				0.87
	TOTAL				88.17
	Add GST 12% on "X"(multiplying factor 0.1405)				12.39
	Total				100.56 (Y)
	Add CPOH @ 15%				15.08
	Cost of 2.16 sqm				115.65
	Cost of 1 sqm				53.54
	labour cess @1%				0.54
	Rate including labour cess				54.08
		Say Rs.	**54.10**	**per sqm**	
9.16	**Providing and fixing 25 mm thick shutters for cup board etc. :**				
9.16.1	**Panelled or panelled & glazed shutters :**				
9.16.1.1	**Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws**				
	Details of cost for shutters of a cup-board (half glazed and half paneled) 200x108cm = 2.16 sqm				
	MATERIAL:				
	Styles-4x200x8.0x2.5cm = 0.016 cum+				
	Rails-				
	Top rail - 1x1 10.5x8.0x2.5cm = 0.0022cum+				
	Lock and bottom rail-				
	2x110.5x8.0x2.5cm = 0.0044 cum.+				
	Panels-2x48x41x 1.6cm = 0.006cum+				
	Sash bars-2x114x3.8x2.5cm = 0.003cum				
	+6x48x3.8x2.5cm = 0.003 cum+				
	Beading-16x92x 1.4x 1.2cm = 0.002cum				
	Total = 0.0366				
	Add for wastage @ 10%=0.0037 cum.				

Code No	Description	Unit	Quantity	Rate	Amount
	Grand Total = 0.0403 cum or 40 cudm				
1190	Second class teak wood in planks	10 cudm	40.00	628.24	2512.95
2204	Carriage of timber	cum	0.04	123.51	4.94
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	0.99	266.19	263.53
	Fittings				
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	6.00	186.14	111.69
0586	Chromium plated Brass screws 40 mm	100 Nos	48.00	288.52	138.49
	LABOUR:				
0111	Carpenter 1 st class	day	2.40	342.00	820.80
0119	Glazier	day	0.18	286.00	51.48
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				4172.23
	Add Water Charges @ 1%				41.72
	TOTAL				4213.95
	Add GST 12% on "X"(multiplying factor 0.1405)				592.06
	Total				4806.01 (Y)
	Add CPOH @ 15%				720.90
	Cost of 2.16 sqm				5526.92
	Cost of 1 sqm				2558.76
	labour cess @1%				25.59
	Rate including labour cess				2584.35
		Say Rs.	**2584.30**	**per sqm**	

9.16.1.2	**Second class teak wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws**				
	Details of cost for shutters of a cup board				
	(half glazed and panelled) 200x108=2.16sqm				
	MATERIAL:				
	Styles-4x200x8.0x2.25cm =0.016 cum +				
	Rails-				
	Top rail 1 x 1 10.5x8.0x2.5 cm =0.0022 cum +				
	lock and bottom rail-2x10.5x8.0x2.5 0.0044 cum +				
	Panels :2 x 48 X 41 x 1.6 cm=0.006 cm +				
	sash bars 2 x 114 x 3.8 x 2.5cm = 0.003 cum +				
	6 x 48 x 3.8 x 2.5 cm = 0.003 cum +				
	Beading - 16 x 92 x 1.4 x 1.2cm = 0.002 cum				
	Total=0.0336				
	Add for wastage @ 10% =0.0037 cum				
	Grand Total = 0.0403 cum or 40 cudm				
1190	Second class teak wood in planks	10 cudm	40.00	628.24	2512.95
2204	Carriage of timber	cum	0.04	123.51	4.94
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	0.99	266.19	263.53
	Fittings:				
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.00	37.23	148.92
0586	Chromium plated Brass screws 40 mm	100 Nos	114.00	48.00	54.72

Code No	Description	Unit	Quantity	Rate	Amount
	LABOUR:				
0111	Carpenter 1 st class	day	2.40	342.00	820.80
0119	Glazier	day	0.18	286.00	51.48
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				4125.69
	Add Water Charges @ 1%				41.26
	TOTAL				4166.95
	Add GST 12% on "X"(multiplying factor 0.1405)				585.46
	Total				4752.40 (Y)
	Add CPOH @ 15%				712.86
	Cost of 2.16 sqm				5465.26
	Cost of 1 sqm				2530.21
	labour cess @1%				25.30
	Rate including labour cess				2555.52
		Say Rs.	**2555.50**	**per sqm**	
9.16.2	**Glazed shutters:**				
9.16.2.1	**Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws**				
	Details of cost for shutter of cup-board				
	200x108cm = 2.16 sqm				
	MATERIAL:				
	(i) Teak wood second class				
	Styles : 4x200x9.5x2.5 cm = 0.019 cum				
	Rails				
	Top & intermediate rails				
	2x110.5x9.5x2.5cm = 0.006 cum				
	Lock and bottom rails				
	2x110.5x19.7x2.5 cm = 0.011 cum				
	Beadings-2x186.1x1.9xl.2cm = 0.001 cum +				
	4x 171.70x1.9x1.2cm = 0.002 cum.				
	Total = 0.039 cum.				
	Add for wastage @ 10% = 0.004 cum.				
	Grand Total = 0.043 cum. 43 cudm				
1190	Second class teak wood in planks	10 cudm	43.00	628.24	2701.42
2406	Float glass sheet of nominal thickness 4 mm				
	(weight not less than 10 kg/sqm)	sqm	1.27	266.19	338.06
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	6.00	186.14	111.69
0639	Bright finished or black enameled mild steel screws				
	25 mm	100 Nos	48.00	34.44	16.53
2204	Carriage of timber	cum	0.04	123.51	5.31
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0119	Glazier	day	0.23	286.00	65.78
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				4065.29
	Add Water Charges @ 1%				40.65
	TOTAL				4105.95

Code No	Description	Unit	Quantity	Rate	Amount
	Add GST 12% on "X"(multiplying factor 0.1405)				576.89
	Total				4682.83 (Y)
	Add CPOH @ 15%				702.42
	Cost of 2.16 sqm				5385.26
	Cost of 1 sqm				2493.17
	labour cess @1%				24.93
	Rate including labour cess				2518.11
		Say Rs.	**2518.10**	**per sqm**	
9.16.2.2	**Second class teak wood including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws**				
	Details of cost for shutters of a cup board				
	(half Glazed and half panelled)				
	200x108cm= 2.16 sqm				
	MATERIAL:				
	Teak wood second class styles				
	4 x 200 x 9.5 x 2.5cm = 0.019 cum				
	Rails -				
	Top & Internmediate rail				
	2 x 110.5 x 9.5 x 2.5cm=0.006 cum				
	lock and bottom rail				
	- 2 x 10.5 x19.7 x 2.5 cm=0.0011 cum				
	Total = 0.039 cum				
	Add for wastage @ 10 % =0.0004cum				
	Grand Total = 0.0403 cum or 43 cudm				
1190	Second class teak wood in planks	10 cudm	43.00	628.24	2701.42
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.27	266.19	338.06
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.00	37.23	148.92
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	114.00	34.44	39.26
2204	Carriage of timber	cum	0.04	123.51	5.31
	LABOUR:				
0156	Carpenter (average)	day	1.83	305.00	558.15
0119	Glazier	day	0.23	286.00	65.78
0114	Beldar	day	0.77	254.00	195.58
9999	Sundries	L.S.	40.43	1.80	72.77
	TOTAL				4125.25
	Add Water Charges @ 1%				41.25
	TOTAL				4166.50
	Add GST 12% on "X"(multiplying factor 0.1405)				585.39
	Total				4751.90 (Y)
	Add CPOH @ 15%				712.78
	Cost of 2.16 sqm				5464.68
	Cost of 1 sqm				2529.95
	labour cess @1%				25.30
	Rate including labour cess				2555.24
		Say Rs.	**2555.20**	**per sqm**	

Code No	Description	Unit	Quantity	Rate	Amount
9.17	**Providing and fixing flat pressed 3 layer particle board medium density exterior grade (Grade I) or graded wood particle board IS : 3087 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately) :**				
9.17.1	**12 mm thick**				
	Details of cost for 350x200cm = 7sqm				
	MATERIAL:				
	12mm thick particle board = 7.00sqm.+				
	Add wastage @ 5% = 0.35 sqm.				
	Total = 7.35 sqm				
0341	Flat pressed 3 layer particle board (medium density)				
	Grade 1, 12 mm thick	sqm	7.35	307.14	2257.47
9999	Carrriage of particle board	L.S.	13.52	1.80	24.34
9999	Sundries and screws	L.S.	26.91	1.80	48.44
	LABOUR:				
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.00	254.00	254.00
	TOTAL				2858.74
	Add Water Charges @ 1%				28.59
	TOTAL				2887.33
	Add GST 12% on "X"(multiplying factor 0.1405)				405.67
	Total				3293.00 (Y)
	Add CPOH @ 15%				493.95
	Cost of 7 sqm				3786.95
	Cost of 1 sqm				540.99
	labour cess @1%				5.41
	Rate including labour cess				546.40
		Say Rs.	**546.40**	**per sqm**	
9.17.2	**18 mm thick**				
	Details of cost for 350x200cm = 7sqm				
	MATERIAL:				
	12mm thick particle board = 7.00sqm.+				
	Add wastage @ 5% = 0.35 sqm				
	Total = 7.35 sqm				
7055	Flat pressed 3 layer and graded particle board				
	(medium density) Grade 1 conforming to				
	IS : 3087 - 18 mm thick	sqm	7.35	409.52	3009.96
9999	Carrriage of particle board	L.S.	19.76	1.80	35.57
9999	Sundries and screws	L.S.	26.91	1.80	48.44
	LABOUR:				
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.00	254.00	254.00
	TOTAL				3622.47
	Add Water Charges @ 1%				36.22
	TOTAL				3658.69
	Add GST 12% on "X"(multiplying factor 0.1405)				514.05
	Total				4172.74 (Y)
	Add CPOH @ 15%				625.91

Code No	Description	Unit	Quantity	Rate	Amount
	Cost of 7 sqm				4798.65
	Cost of 1 sqm				685.52
	labour cess @1%				6.86
	Rate including labour cess				692.38
		Say Rs.	**692.40**	**per sqm**	
9.18	**Providing and fixing Pre-laminated flat pressed 3 layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately).**				
9.18.1	**18 mm thick**				
	Details of cost for 4 nos. 75x20cm shelves = 0.60 sqm				
	MATERIAL:				
	18mm thick particle board = 4x75x20cm = 0.60sqm.+				
	Wastage @ 5% = 0.03sqm:				
	Total = 0.63 sqm				
7478	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 18 mm thick	sqm	0.63	628.24	395.79
9999	Carriage of board	L.S.	0.91	1.80	1.64
	LABOUR:				
0112	Carpenter 2nd class	day	0.11	305.00	33.55
0114	Beldar	day	0.06	254.00	15.24
9999	Sundries, painting edges & screws	L.S.	7.80	1.80	14.04
	TOTAL				460.26
	Add Water Charges @ 1%				4.60
	TOTAL				464.86
	Add GST 12% on "X"(multiplying factor 0.1405)				65.31
	Total				530.17 (Y)
	Add CPOH @ 15%				79.53
	Cost of 0.6 sqm				609.70
	Cost of 1 sqm				1016.17
	labour cess @1%				10.16
	Rate including labour cess				1026.33
		Say Rs.	**1026.30**	**per sqm**	
9.18.2	**25 mm thick**				
	Details of cost for 4 nos. 75x20cm shelves = 0.60 sqm				
	MATERIAL:				
	25mm thick particle board = 4x75x20cm = 0.60sqm.+				
	Wastage @ 5% = 0.03sqm				
	Total = 0.63 sqm				

Code No	Description	Unit	Quantity	Rate	Amount
7479	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 25 mm thick	sqm	0.63	865.57	545.31
9999	Carriage of board	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.11	305.00	33.55
0114	Beldar	day	0.06	254.00	15.24
9999	Sundries, painting edges & screws	L.S.	7.80	1.80	14.04
	TOTAL				611.42
	Add Water Charges @ 1%				6.11
	TOTAL				617.53
	Add GST 12% on "X"(multiplying factor 0.1405)				86.76
	Total				704.29 (Y)
	Add CPOH @ 15%				105.64
	Cost of 0.6 sqm				809.94
	Cost of 1 sqm				1349.90
	labour cess @1%				13.50
	Rate including labour cess				1363.40
		Say Rs.	**1363.40**	**per sqm**	
9.20	**Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.**				
9.20.1	**35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws**				
	Details of cost for 2.2 sqm				
	MATERIAL:				
0713	Block board construction flush door with teak wood ply on both faces 35 mm thick	sqm	2.20	1675.30	3685.66
9999	Carriage of door	L.S.	29.64	1.80	53.35
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
	LABOUR:				
	For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	305.00	167.75
0114	Beldar	day	0.55	254.00	139.70
	TOTAL				4273.41
	Add Water Charges @ 1%				42.73
	TOTAL				4316.15
	Add GST 12% on "X"(multiplying factor 0.1405)				606.42
	Total				4922.57 (Y)
	Add CPOH @ 15%				738.39
	Cost of 2.2 sqm				5660.95
	Cost of 1 sqm				2573.16
	labour cess @1%				25.73
	Rate including labour cess				2598.89

Code No	Description	Unit	Quantity	Rate	Amount
		Say Rs.	**2598.90**	**per sqm**	
9.20.2	**30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws**				
	Details of cost for 2.2 sqm				
	MATERIAL:				
0714	Block board construction flush door with teak wood ply on both faces 30 mm thick	sqm	2.20	1582.23	3480.91
9999	Carriage of door L.S.	L.S.	29.64	1.80	53.35
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
	LABOUR:				
	For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	305.00	167.75
0114	Beldar	day	0.55	254.00	139.70
	TOTAL				4068.66
	Add Water Charges @ 1%				40.69
	TOTAL				4109.34
	Add GST 12% on "X"(multiplying factor 0.1405)				577.36
	Total				4686.70 (Y)
	Add CPOH @ 15%				703.01
	Cost of 2.2 sqm				5389.71
	Cost of 1 sqm				2449.87
	labour cess @1%				24.50
	Rate including labour cess				2474.37
		Say Rs.	**2474.40**	**per sqm**	
9.20.3	**25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary screws**				
	Details of cost for 2.2 sqm				
	MATERIAL:				
0715	Block board construction flush door with teak wood ply on both faces 25 mm thick	sqm	2.20	1396.09	3071.39
9999	Carriage of door	L.S.	29.64	1.80	53.35
	Fittings for a door 2.2x1.00m = 2.20 sqm				
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.40	37.23	163.81
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	125.00	34.44	43.05
	LABOUR:				
	For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	305.00	167.75
0114	Beldar	day	0.55	254.00	139.70
	TOTAL				3639.04
	Add Water Charges @ 1%				36.39
	TOTAL				3675.43
	Add GST 12% on "X"(multiplying factor 0.1405)				516.40
	Total				4191.83 (Y)

Code No	Description	Unit	Quantity	Rate	Amount
	Add CPOH @ 15%				628.77
	Cost of 2.2 sqm				4820.61
	Cost of 1 sqm				2191.18
	labour cess @1%				21.91
	Rate including labour cess				2213.10
		Say Rs.	**2213.10**	**per sqm**	
9.21	**Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type,core of block board construction with frame of 1 st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:**				
9.21.1	**35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws**				
	Details of cost for 2.2 sqm				
	MATERIAL:				
0717	Block board construction flush door with commercial ply on both faces 35 mm thick	sqm	2.20	930.72	2047.59
9999	Carriage of door	L.S.	29.64	1.80	53.35
	Fittings for a door 2.2x1.0m = 2.20 sqm				
8220	Stainless steel butt hinges (heavy weight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
	LABOUR:				
	For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	305.00	167.75
0114	Beldar	day	0.55	254.00	139.70
	TOTAL				2635.34
	Add Water Charges @ 1%				26.35
	TOTAL				2661.69
	Add GST 12% on "X"(multiplying factor 0.1405)				373.97
	Total				3035.66 (Y)
	Add CPOH @ 15%				455.35
	Cost of 2.2 sqm				3491.01
	Cost of 1 sqm				1586.82
	labour cess @1%				15.87
	Rate including labour cess				1602.69
		Say Rs.	**1602.70**	**per sqm**	
9.21.2	**30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws**				
	Details of cost for 2.2 sqm				
	MATERIAL:				
0718	Block board construction flush door with commercial ply on both faces 30 mm thick	sqm	2.20	930.72	2047.59
9999	Carriage of door	L.S.	29.64	1.80	53.35
	Fittings for a door 2.2x1.0m = 2.20 sqm				
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92

Code No	Description	Unit	Quantity	Rate	Amount
	LABOUR:				
	For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	305.00	167.75
0114	Beldar	day	0.55	254.00	139.70
	TOTAL				2635.34
	Add Water Charges @ 1%				26.35
	TOTAL				2661.69
	Add GST 12% on "X"(multiplying factor 0.1405)				373.97
	Total				3035.66 (Y)
	Add CPOH @ 15%				455.35
	Cost of 2.2 sqm				3491.01
	Cost of 1 sqm				1586.82
	labour cess @1%				15.87
	Rate including labour cess				1602.69
		Say Rs.	**1602.70**	**per sqm**	
9.21.3	**25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws**				
	Details of cost for 2.2 sqm				
	MATERIAL:				
0719	Block board construction flush door with commercial ply on both faces 25 mm thick	sqm	2.20	893.49	1965.69
9999	Carriage of door	L.S.	29.64	1.80	53.35
	Fittings for a door 2.2x1.0m = 2.20 sqm				
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.40	37.23	163.81
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	125.00	34.44	43.05
	LABOUR:				
	For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	305.00	167.75
0114	Beldar	day	0.55	254.00	139.70
	TOTAL				2533.34
	Add Water Charges @ 1%				25.33
	TOTAL				2558.68
	Add GST 12% on "X"(multiplying factor 0.1405)				359.49
	Total				2918.17 (Y)
	Add CPOH @ 15%				437.73
	Cost of 2.2 sqm				3355.90
	Cost of 1 sqm				1525.41
	labour cess @1%				15.25
	Rate including labour cess				1540.66
		Say Rs.	**1540.70**	**per sqm**	
9.22	**Extra for Providing and fixing flush doors with decorative veneering instead of non decorative ISI marked flush door shutters conforming to I.S. 2202 (part I).**				
9.22.1	**On one side only**				
	Details of cost for 1 sqm.				

Code No	Description	Unit	Quantity	Rate	Amount
7307	For flush door shutters Extra for providing teak veneering on one side instead of commercial veneering				
		sqm	1.00	316.45	316.45
	TOTAL				316.45
	Add Water Charges @ 1%				3.16
	TOTAL				319.61
	Add GST 12% on "X"(multiplying factor 0.1405)				44.91
	Total				364.52 (Y)
	Add CPOH @ 15%				54.68
	Cost of 1 sqm				419.19
	labour cess @1%				4.19
	Rate including labour cess				423.38
		Say Rs.	**423.40**	**per sqm**	
9.23	**Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).**				
	Details of cost for 1 sqm of door area				
0752	Block board construction flush door lipping	sqm of door area	1.00	293.18	293.18
	TOTAL				293.18
	Add Water Charges @ 1%				2.93
	TOTAL				296.11
	Add GST 12% on "X"(multiplying factor 0.1405)				41.60
	Total				337.71 (Y)
	Add CPOH @ 15%				50.66
	Cost of 1 sqm				388.37
	labour cess @1%				3.88
	Rate including labour cess				392.25
		Say Rs.	**392.30**	**per sqm**	
9.23A	**Providing and fixing 25 mm thick shutters for cupboards etc.induding black enamelled M.S. butt hinges with necessary screws :**				
9.23A.1	**Panelled or panelled and glazed shutters**				
9.23A.1.1	**Second class teak wood**				
	Details'of cost for Shutters of a board(half panelled and half glazed) 200*108 cm - 2.16 sqrn				
	Materials:				
	Teak wood (2nd dass)				
	Styles 4x2.00 m = 8.00 m				
	Rails 3x1.105 m = 3.315 m				
	= 11.315m				
	11.315x0.08x0.025 = 0.023 cum				
	Par.2ls-2x0.48x0.41x0.016 = 0.006 cum				
	Sash bare 2x1.14 =2.28				
	6x0.48 = 2.68				
	=5.16				
	5.16x0.038x0.025 = 0.005 cum				
	Beadings-16x0.92x0.014x0.012 = 0.002 cum				
	Total = 0.036 cum				
	Add wastage @ 10 % =0.004 cum				
	Total = 0.040 cum				
(1190)	Say 40 cudm	10 cudm	4.000	628.24	2512.95

Code No	Description	Unit	Quantity	Rate	Amount	
(2204)	Carriage of timber	cum	0.040	123.51	4.94	
	Fittings					
(0596)	Iron hinges 75*40*1.70 mm	10 Nos	0.600	55.84	33.51	
(0638)	Screws 30 mm	100 Nos	0.480	46.54	22.34	
(2406)	Glasses 10 kg/sqm (4.0 mm thick)	sqm'	0.990	266.19	263.53	
	Labour:					
(0156)	Carpenter (Average)	per day	2.400	305.00	732.00	(L)
(0114)	Beldar	per day	0.770	254.00	195.58	(L)
(0119)	Glazier	per day	0.180	286.00	51.48	(L)
(9999)	Sundries	1 time	15.550	1.80	27.99	(L)
	Total				3844.31	
	Add for water charges @ 1%				38.443	
	Total				3882.755	
	Add GST 12% on "X"(multiplying factor 0.1405)				545.53	
	Total				4428.28	(Y)
	Add for contractor's profit and over-heads @ 15%				664.242	
	Cost of 2.16 sqm				5092.525	
	Cost of 1 sqm				2357.650	
	Add labour cess @ 1%				23.58	
	Rate including labour cess				2381.23	
			Say Rs.	**2381.20**	**per sqm**	
9.23A.2	**Glazed shutters**					
9.23A.2.1	**Second class teak wood**					
	Note :-Analysis of item 9.23.2 is similar to .item 9.6.3.6					
	Details of cost for shutters of a door (glazed)					
	200x108cm = 2.16sqm					
	Materials:					
	(i) Teak wood (2nd class)					
(1190)	Quantity	10 cudm	4.300	628.24	2701.42	
	(ii) Glasses (10 kg/sqm)4.0 mm thick					
(2406)	Quantity as per item 9.6.3.5 (25 mm)	sqm	1.270	266.19	338.06	
	(iii) Black enamelled M.S.butt hinges and screws-					
(9.9.1.2)	Same as per item 9.6.3.5		1.000	214.07	214.07	
(2204)	Carnage of timber	cum	0.043	123.51	5.31	
	Labour:					
(0156)	Carpenter (Avg.)	per day	1.830	305.00	558.15	
(0119)	Glazier	per day	0.230	286.00	65.78	
(0114)	Baldar	Per	0.770	254.00	195.58	
(9999)	Sundaries	1 time	15.650	1.80	28.17	
	Add for vvster charges @ 1 %				41.07	
	Total				4147.60	
	Add GST 12% on "X"(multiplying factor 0.1405)				582.74	
	Total				4730.34	(Y)
	Add for contractor's profit and over-heads @ ICTo				709.55	
	Cost of 2.16 sqm				5439.89	
	Cost of 1 sqm				2518.47	
	Add labour cess @ 1%				25.18	
	Rate including labour cess				2543.65	
			Say Rs.	**2543.60**	**per sqm**	
9.24	**Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured) :**					
9.24.1	**Rectangular or square**					
	Details of cost for 1 sqm of door area					

Code No	Description	Unit	Quantity	Rate	Amount
0753	Square vision panel in Block board construction flush door	sqm of door area	1.00	130.30	130.30
	TOTAL				130.30
	Add Water Charges @ 1%				1.30
	TOTAL				131.60
	Add GST 12% on "X"(multiplying factor 0.1405)				18.49
	Total				150.09 (Y)
	Add CPOH @ 15%				22.51
	Cost of 1 sqm				172.61
	labour cess @1%				1.73
	Rate including labour cess				174.33
		Say Rs.	**174.30**	**per sqm**	
9.24	**Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured) :**				
9.24.2	**Circular**				
	Details of cost for 1 sqm of door area				
0754	Circular vision panel in Block board construction flush door	sqm of door area	1.00	139.61	139.61
	TOTAL				139.61
	Add Water Charges @ 1%				1.40
	TOTAL				141.00
	Add GST 12% on "X"(multiplying factor 0.1405)				19.81
	Total				160.82 (Y)
	Add CPOH @ 15%				24.12
	Cost of 1 sqm				184.94
	labour cess @1%				1.85
	Rate including labour cess				186.79
		Say Rs.	**186.80**	**per sqm**	
9.25	**Extra if louvers (not exceeding 0.2 sqm) are provided in flush door shutters (overall area of door shutters to be measured).**				
9.25.1	**Decorative type door**				
	Details of cost for 1 sqm of door area				
0755	Decorative type louvers in Block board constructionflush door	sqm of door area	1.00	302.49	302.49
	TOTAL				302.49
	Add Water Charges @ 1%				3.02
	TOTAL				305.51
	Add GST 12% on "X"(multiplying factor 0.1405)				42.92
	Total				348.43 (Y)
	Add CPOH @ 15%				52.27
	Cost of 1 sqm				400.70
	labour cess @1%				4.01
	Rate including labour cess				404.71
		Say Rs.	**404.70**	**per sqm**	
9.26	**Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).**				

Code No	Description	Unit	Quantity	Rate	Amount
	Details of cost for 1 sqm of door area				
0757	Rebate cutting in block board construction flush door	sqm of door area	1.00	102.38	102.38
	TOTAL				102.38
	Add Water Charges @ 1%				1.02
	TOTAL				103.40
	Add GST 12% on "X"(multiplying factor 0.1405)				14.53
	Total				117.93 (Y)
	Add CPOH @ 15%				17.69
	Cost of 1 sqm				135.62
	labour cess @1%				1.36
	Rate including labour cess				136.98
		Say Rs.	**137.00**	**per sqm**	
9.27	**Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws:**				
9.27.1	**35 mm thick shutters**				
9.27.1.1	**With ISI marked M.S. pressed butt hinges bright finished of required size**				
9.27.1.1.1	**Second class teak wood**				
	Details of cost for door shutters 2.00x1.08m = 2.16 sqm				
	MATERIAL:				
	Teak wood (2nd class)				
	Styles 4x200x9.5x3.5cm =0.0266cum+				
	Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+				
	Lock and bottom rail 2x110.5x 19.7x3.5cm= 0.0152 cum.+				
	Beadings -				
	(2x312+2x150)x(1.2)x(1.2)cm=0.001 cum.				
	Total = 0.0464 cum. +				
	Add for wastage @ 10% = 0.005 cum.= 0.0514 cum.				
	Say 51.4 cudm				
1190	Second class teak wood in planks	10 cudm	51.40	628.24	3229.14
	Wire gauge 2x160x40cm = 1.28 sqm.+				
	Add wastage @ 10% = 0.13 sqm. Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
2204	Carriage of timber	cum	0.05	123.51	6.30
	LABOUR:				

Code No	Description	Unit	Quantity	Rate	Amount
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				4737.26
	Add Water Charges @ 1%				47.37
	TOTAL				4784.63
	Add GST 12% on "X"(multiplying factor 0.1405)				672.24
	Total				5456.87 (Y)
	Add CPOH @ 15%				818.53
	Cost of 2.16 sqm				6275.40
	Cost of 1 sqm				2905.28
	labour cess @1%				29.05
	Rate including labour cess				2934.33
		Say Rs.	**2934.30**	**per sqm**	
9.27.1.1.2	**Kiln seasoned and chemically treated hollock wood**				
	Details of cost for door shutters 2.00x1.08m = 2.16sqm				
	(i) Hollock wood.				
	Styles 4x200x9.5x3.5cm = 0.0266cum+				
	Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+				
	Lock and bottom rail				
	2x110.5xl9.7x3.5cm = 0.0152 cum. +				
	Beadings				
	(2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum.				
	Total = 0.0464 cum.+				
	Add for wastage @ 10% = 0.005 cum.				
	Total = 0.0514 cum. Say 51.4 cudm				
2505	Hollock wood in planks	10 cudm	51.40	362.98	1865.73
2204	Carriage of timber	cum	0.05	123.51	6.35
2504	Kiln seasoning of timber	cum	0.05	698.04	35.88
9999	Chemical Treatment Wire gauge				
	2xl60x40cm = 1.28 sqm.				
	+Add wastage @ 10% = 0.13 sqm.				
	Total= 1.41 sqm	L.S.	8.97	1.80	16.15
7029	Galvanised wire mesh of average width of aperture				
	1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
0595	Bright finished or black enameled mild steel butt				
	hinges100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt				
	hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws				
	40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws				
	20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70

Code No	Description	Unit	Quantity	Rate	Amount
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				3425.92
	Add Water Charges @ 1%				34.26
	TOTAL				3460.18
	Add GST 12% on "X"(multiplying factor 0.1405)				486.15
	Total				3946.33 (Y)
	Add CPOH @ 15%				591.95
	Cost of 2.16 sqm				4538.28
	Cost of 1 sqm				2101.06
	labour cess @1%				21.01
	Rate including labour cess				2122.07
		Say Rs.	**2122.10**	**per sqm**	
9.27.1.1.3	**Kiln seasoned selected class of shesham wood** **Details of cost for door shutters2.00 x 1.08 m = 2.16 sqm**				
	MATERIAL:				
	Sheesham Wood				
	Styles 4 x 200 x 9.5x3.5 cm= 0.0266 cum+				
	Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+				
	Styles 4x200x9.5x3.5cm = 0.0266cum+				
	Top Rail - 1 x 110.5x9.5x3.5cm = 0.0036cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3.5 cm = 0.0152 cum. +				
	Beadings -				
	(2x312+ 2x 150) x(1.2)x(1.2) cm = 0.001 cum				
	Total = 0.0464 cum. +				
	Add for wastage @ 10% = 0.005 cum.				
	=0.0514 cum.				
	say 51.4 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	51.40	604.97	3109.55
2204	Carriage of timber	cum	0.05	123.51	6.35
2504	Kiln seasoning of timber	cum	0.05	698.04	35.88
	Wire guage 2x160x40cm=1.28 sqm.+				
	Add wastage@ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70

Code No	Description	Unit	Quantity	Rate	Amount
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				4653.59
	Add Water Charges @ 1%				46.54
	TOTAL				4700.13
	Add GST 12% on "X"(multiplying factor 0.1405)				660.37
	Total				5360.49 (Y)
	Add CPOH @ 15%				804.07
	Cost of 2.16 sqm				6164.57
	Cost of 1 sqm				2853.97
	labour cess @1%				28.54
	Rate including labour cess				2882.51
		Say Rs.	**2882.50**	**per sqm**	
9.27.1.2	**With ISI marked stainless steel butt hinges of required size**				
9.27.1.2.1	**Second class teak wood**				
	Details of cost for door shutters 2.00x1.08m= 2.16sqm				
	MATERIAL:				
	Second class Teak wood				
	Styles 4x200x9.5x3.5cm = 0.0266cum+				
	Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+				
	Lock and bottom rail				
	2x110.5x19.7x3.5cm = 0.0152 cum.+				
	Beadings -				
	(2x312+2x 150)x(1.2)x(1.2)cm = 0.001 cum.				
	Total = 0.0464 cum.+				
	Add for wastage @ 10% = 0.005 cum.				
	Total = 0.0514 cum. Say 51.4 cudm				
1190	Second class teak wood in planks	10 cudm	51.40	628.24	3229.14
	Wire gauge 2xl60x40cm = 1.28 sqm.+				
	Add wastage @ 10% = 0.13 sqm.				
	Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture				
	1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
8220	Stainless steel butt hinges (heavyweight)				
	100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817				
	marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
2204	Carriage of timber	cum	0.05	123.51	6.35
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				4910.09
	Add Water Charges @ 1%				49.10

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				4959.19
	Add GST 12% on "X"(multiplying factor 0.1405)				696.77
	Total				5655.95 (Y)
	Add CPOH @ 15%				743.88
	Cost of 2.16 sqm				12055.79
	Cost of 1 sqm				5581.38
	labour cess @1%				55.81
	Rate including labour cess				5637.20
		Say Rs.	**5637.20**	**per sqm**	
9.27.1.2.2	**Kiln seasoned and chemically treated hollock wood**				
	Details of cost for door shutters 2.00x1.08m= 2.16sqm				
	MATERIAL:				
	Hollock wood				
	Styles 4x200x9.5x3.5cm = 0.0266cum +				
	Top Rail - 1x1 10.5x9.5x3.5cm = 0.0036cum+				
	Lock and bottom rail				
	2x110.5x19.7x3.5cm = 0.0152 cum.+				
	Beadings -				
	(2x312+2x 150)x(1.2)x(1.2)cm = 0.001 cum.				
	Total = 0.0464 cum.+				
	Add for wastage @ 10% = 0.005 cum.				
	Total = 0.0514 cum. Say 51.4 cudm				
2505	Hollock wood in planks	10 cudm	51.40	362.98	1865.73
2504	Kiln seasoning of timber	cum	0.05	698.04	35.88
9999	Chemical treatment	L.S.	8.97	1.80	16.15
	Wire gauge 2x160x40cm = 1.28 sqm.+				
	Add wastage				
	@ 10% = 0.13 sqm.				
	Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
2204	Carriage of timber	cum	0.05	123.51	6.30
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				3598.65
	Add Water Charges @ 1%				35.99
	TOTAL				3634.63
	Add GST 12% on "X"(multiplying factor 0.1405)				510.67
	Total				4145.30 (Y)

Code No	Description	Unit	Quantity	Rate	Amount
	Add CPOH @ 15%				621.79
	Cost of 2.16 sqm				4767.09
	Cost of 1 sqm				2206.99
	labour cess @1%				22.07
	Rate including labour cess				2229.06
		Say Rs.	**2229.10**	**per sqm**	
9.27.1.2.3	**Kiln seasoned selected class of sheesham wood**				
	Details of cost for door shutters 2.00 x				
	1.08 m = 2.16 sqm				
	MATERIAL:				
	Sheesham wood				
	Styles 4 x 200 x 9.5 x 3.5 cm= 0.0266 cum+				
	Top Rail - 1x110.5x9.5x3.5cm = 0.0036 cum +				
	Lock and bottom rail				
	2 x 110.5x19.7x3.5 cm =0.0152 cum.				
	Beadings -				
	(2x312+2x 150) x(1.2)x(1.2) cm = 0.001 cum				
	Total = 0.0464 cum. +				
	Add for wastage @ 10% = 0.005cum.				
	0.0514 cum.say 51.4 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	51.40	604.97	3109.55
2504	Kiln seasoning of timber	cum	0.05	698.04	35.88
	Wire guage 2x160x40cm=1.28 sqm.+				
	Add wastage @ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture				
	1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
8220	Stainless steel butt hinges (heavyweight)				
	100x60x2.5mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm				
	IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
2204	Carriage of timber	cum	0.05	123.51	6.35
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				4826.37
	Add Water Charges @ 1%				48.26
	TOTAL				4874.63
	Add GST 12% on "X"(multiplying factor 0.1405)				684.89
	Total				5559.52 (Y)
	Add CPOH @ 15%				833.93
	Cost of 2.16 sqm				6393.45
	Cost of 1 sqm				2959.93
	labour cess @1%				29.60
	Rate including labour cess				2989.53

Code No	Description	Unit	Quantity	Rate	Amount
		Say Rs.	**2989.50**	**per sqm**	
9.27.2	**30 mm thick shutters**				
9.27.2.1	**With ISI marked M.S. pressed butt hinges bright finished of required size**				
9.27.2.1.1	**Second class teak wood**				
	Details of cost for door shutters 2.00x1.08m = 2.16sqm				
	MATERIAL:				
	Teak wood (2nd class)				
	Styles 4x209x9.5x3cm= 0.023 cum +				
	Top Rail - 1x110.5x9.5x3cm = 0.003cum+				
	Lock and bottom rail 2x110.5xl9.7x3cm = 0.013 cum+				
	Beadings -(2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum.				
	Total = 0.040cum +				
	Add for wastage @ 10% = 0.004 cum.				
	Total = 0.44cum. Say 44 cudm				
1190	Second class teak wood in planks	10 cudm	44.00	628.24	2764.25
2204	Carriage of timber	cum	0.04	123.51	5.43
	Wire gauge 2x160x40cm = 1.28 sqm.+ Add wastage @ 10% = 0.13 sqm. Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	342.00	410.40
0112	Carpenter 2nd class	day	0.80	305.00	244.00
0114	Beldar	day	1.00	254.00	254.00
0130	Mistry	day	0.10	254.00	25.40
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				4192.83
	Add Water Charges @ 1%				41.93
	TOTAL				4234.76
	Add GST 12% on "X"(multiplying factor 0.1405)				594.98
	Total				4829.74 (Y)
	Add CPOH @ 15%				724.46
	Cost of 2.16 sqm				5554.20
	Cost of 1 sqm				2571.39
	labour cess @1%				25.71
	Rate including labour cess				2597.10
		Say Rs.	**2597.10**	**per sqm**	
9.27.2	**30 mm thick shutters**				
9.27.2.1	**With ISI marked M.S. pressed butt hinges bright finished of required size**				

Code No	Description	Unit	Quantity	Rate	Amount
9.27.2.1.2	**Kiln seasoned and chemically treated hollock wood**				
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm				
	MATERIAL:				
	Hollock wood				
	Styles 4x209x9.5x3cm = 0.023 cum +				
	Top Rail - 1x110.5x9.5x3cm = 0.003cum+				
	Lock and bottom rail				
	2x110.5x19.7x3cm = 0.013 cum+				
	Beadings -				
	(2×312+2×150)×(1.2)×(1.2)cm=0.001 cum.				
	Total = 0.040 cum+				
	Add for wastage @ 10% = 0.004 cum.				
	Total = 0.44 cum. Say 44 cudm				
2505	Hollock wood in planks	10 cudm	44.00	362.98	1597.12
2204	Carriage of timber	cum	0.04	123.51	5.43
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71
9999	Chemical treatment	L.S.	9.10	1.80	16.38
	Wire gauge 2x160x40cm = 1.28 sqm.+				
	Add wastage @ 10% = 0.13 sqm.				
	Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	342.00	410.40
0112	Carpenter 2nd class	day	0.80	305.00	244.00
0114	Beldar	day	1.00	254.00	254.00
0130	Mistry	day	0.10	254.00	25.40
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				3072.79
	Add Water Charges @ 1%				30.73
	TOTAL				3103.52
	Add GST 12% on "X"(multiplying factor 0.1405)				436.04
	Total				3539.57 (Y)
	Add CPOH @ 15%				530.94
	Cost of 2.16 sqm				4070.50
	Cost of 1 sqm				1884.49
	labour cess @1%				18.84
	Rate including labour cess				1903.34
		Say Rs.	**1903.30**	**per sqm**	
9.27.2.1.3	**Kiln seasoned selected class of sheesham wood**				
	Details of cost for door shutters 2.00x				

Code No	Description	Unit	Quantity	Rate	Amount
	1.08 m = 2.16 sqm				
	MATERIAL:				
	Sheesham wood				
	Styles 4 x 209 x 9.5 x 3 cm = 0.023 cum+				
	Top Rail - 1x110.5x9.5x3 cm = 0.003cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3 cm = 0.013 um.+				
	Beadings -				
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001cum				
	Total = 0.040 cum. +				
	Add for wastage @ 10% = 0.004cum.				
	= 0.44 cum. say 44 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	604.97	2661.87
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71
2204	Carriage of timber	cum	0.04	123.51	5.43
	Wire guage 2x160x40cm=1.28 sqm.+				
	Add wastage @ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture				
	1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
0595	Bright finished or black enameled mild steel butt				
	hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt				
	hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws				
	40 mm	100 Nos	48.00	46.54	22.34
0640	Bright finished or black enameled mild steel screws				
	20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	342.00	410.40
0112	Carpenter 2nd class	day	0.80	305.00	244.00
0114	Beldar	day	1.00	254.00	254.00
0130	Mistry	day	0.10	254.00	25.40
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				4115.35
	Add Water Charges @ 1%				41.15
	TOTAL				4156.51
	Add GST 12% on "X"(multiplying factor 0.1405)				583.99
	Total				4740.50 (Y)
	Add CPOH @ 15%				711.07
	Cost of 2.16 sqm				5451.57
	Cost of 1 sqm				2523.88
	labour cess @1%				25.24
	Rate including labour cess				2549.11
		Say Rs.	**2549.10**	**per sqm**	
9.27.2.2	**With ISI marked stainless steel butt hinges of required size**				
9.27.2.2.1	**Second class teak wood**				
	Details of cost for door shutters 2.00x				
	1.08m=2.16sqm				

Code No	Description	Unit	Quantity	Rate	Amount
	MATERIAL:				
	Teak wood (2nd class)				
	Styles 4x209x9.5x3cm = 0.023 cum+				
	Top Rail - 1x110.5x9.5x3cm = 0.003cum+				
	Lock and bottom rail 2x110.5xl9.7x3cm = 0.013 cum +				
	Beadings - (2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum.				
	Total = 0.040cum+				
	Add for wastage @ 10% = 0.004 cum.				
	Total = 0.044 cum. Say 44 cudm				
1190	Second class teak wood in planks	10 cudm	44.00	628.24	2764.25
2204	Carriage of timber	cum	0.04	123.51	5.43
	Wire gauge 2x160x40cm = 1.28 sqm.+				
	Add wastage @ 10% = 0.13 sqm.				
	Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture				
	1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
8220	Stainless steel butt hinges (heavyweight)				
	100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm				
	IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	342.00	410.40
0112	Carpenter 2nd class	day	0.80	305.00	244.00
0114	Beldar	day	1.00	254.00	254.00
0130	Mistry	day	0.10	254.00	25.40
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				4365.61
	Add Water Charges @ 1%				43.66
	TOTAL				4409.26
	Add GST 12% on "X"(multiplying factor 0.1405)				619.50
	Total				5028.77 (Y)
	Add CPOH @ 15%				754.31
	Cost of 2.16 sqm				5783.08
	Cost of 1 sqm				2677.35
	labour cess @1%				26.77
	Rate including labour cess				2704.13
		Say Rs.	**2704.10**	**per sqm**	

9.27.2.2.2 Kiln seasoned and chemically treated hollock wood

Details of cost for door shutters 2.00x
1.08m=2.16sqm
MATERIAL:
Hollock wood
Styles 4x209x9.5x3cm = 0.023 cum +
Top Rail - 1x110.5x9.5x3cm = 0.003cum+
Lock and bottom rail
2x110.5x19.7x3cm = 0.013 cum+
Beadings -

Code No	Description	Unit	Quantity	Rate	Amount
	2x312+2x 150)x(1.2)x(1.2)cm = 0.001 cum.				
	Total = 0.040 cum+				
	Add for wastage @ 10% = 0.004 cum.				
	Total= 0.044 cum. Say 44 cudm				
2505	Hollock wood in planks	10 cudm	44.00	362.98	1597.12
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71
9999	Chemical treatment	L.S.	8.97	1.80	16.15
2204	Carriage of timber	cum	0.04	123.51	5.43
	Wire gauge 2x160x40cm = 1.28 sqm.				
	Add wastage @ 10% = 0.13 sqm.				
	Total= 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture				
	1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
8220	Stainless steel butt hinges (heavyweight)				
	100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm				
	IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	342.00	410.40
0112	Carpenter 2nd class	day	0.80	305.00	244.00
0114	Beldar	day	1.00	254.00	254.00
0130	Mistry	day	0.10	254.00	25.40
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				3245.34
	Add Water Charges @ 1%				32.45
	TOTAL				3277.79
	Add GST 12% on "X"(multiplying factor 0.1405)				460.53
	Total				3738.32 (Y)
	Add CPOH @ 15%				560.75
	Cost of 2.16 sqm				4299.07
	Cost of 1 sqm				1990.31
	labour cess @1%				19.90
	Rate including labour cess				2010.21
		Say Rs.	**2010.20**	**per sqm**	
9.27.2.2.3	**Kiln seasoned selected class of sheesham wood**				
	Details of cost for door shutters 2.00 x				
	1.08 m = 2.16 sqm				
	MATERIAL:				
	Sheesham wood				
	Styles 4 x 209 x 9.5 x 3 cm = 0.023 cum+				
	Top Rail - 1x110.5x9.5x3 cm = 0.003cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3 cm = 0.013 cum.+				
	Beadings -				
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum				
	Total = 0.040 cum. +				
	Add for wastage @ 10% = 0.004 cum.				
	= 0.044 cum. say 44 cudm				

Code No	Description	Unit	Quantity	Rate	Amount
1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	604.97	2661.87
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71
2204	Carriage of timber	cum	0.04	123.51	5.43
	Wire guage 2x160x40cm=1.28 sqm.+				
	Add wastage @ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
7029	Galvanised wire mesh of average width of aperture				
	1.4 mm and nominal dia of wire 0.63 mm	sqm	1.41	241.99	341.20
8220	Stainless steel butt hinges (heavy weight)				
	100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm				
	IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	342.00	410.40
0112	Carpenter 2nd class	day	0.80	305.00	244.00
0114	Beldar	day	1.00	254.00	254.00
0130	Mistry	day	0.10	254.00	25.40
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				4293.94
	Add Water Charges @ 1%				42.94
	TOTAL				4336.88
	Add GST 12% on "X"(multiplying factor 0.1405)				609.33
	Total				4946.21 (Y)
	Add CPOH @ 15%				741.93
	Cost of 2.16 sqm				5688.15
	Cost of 1 sqm				2633.40
	labour cess @1%				26.33
	Rate including labour cess				2659.73
		Say Rs.	**2659.70**	**per sqm**	
9.31	**Providing and fixing wire gauge laminated veneer lumber shutters conforming to IS : 14616, and as per TADS 15 :2001 (Part B) using galvanised wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm as per IS :1568 for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, as per directions of Engineer-in-charge:**				
9.31.1	**35 mm thick shutters**				
	Details of cost for one shutter 220x				
	108cm = 2.38sqm				
	MATERIAL:				
7154	Factory made 35 mm thick shutters with laminated veneer lumber styles & rails as per TADS 15:1995 and panels of galvanised wire gauge with average width of aperture 1.4 mm in both directions with wire				
	of dia 0.63 mm	sqm	2.38	1582.23	3765.71
9999	Carriage of door	L.S.	29.64	1.80	53.35

Code No	Description	Unit	Quantity	Rate	Amount
	Fittings				
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	46.54	22.34
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.52	305.00	158.60
0114	Beldar	day	0.60	254.00	152.40
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				4276.14
	Add Water Charges @ 1%				42.76
	TOTAL				4318.90
	Add GST 12% on "X"(multiplying factor 0.1405)				606.81
	Total				4925.70 (Y)
	Add CPOH @ 15%				738.86
	Cost of 2.38 sqm				5664.56
	Cost of 1 sqm				2380.07
	labour cess @1%				23.80
	Rate including labour cess				2403.87
		Say Rs.	**2403.90**	**per sqm**	
9.31.2	**30 mm thick shutters**				
	Details of cost for one shutter 220x108cm = 2.38sqm				
	MATERIAL:				
7155	Factory made 30 mm thick shutters with laminated veneer lumber styles &rails as per TADS 15:1995 and panels of galvanised wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm	sqm	2.38	1582.23	3765.71
9999	Carriage of shutters	L.S.	29.64	1.80	53.35
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	46.54	22.34
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.52	305.00	158.60
0114	Beldar	day	0.60	254.00	152.40
9999	Sundries	L.S.	35.88	1.80	64.58
	TOTAL				4276.14
	Add Water Charges @ 1%				42.76
	TOTAL				4318.90
	Add GST 12% on "X"(multiplying factor 0.1405)				606.81
	Total				4925.70 (Y)

Code No	Description	Unit	Quantity	Rate	Amount
	Add CPOH @ 15%				738.86
	Cost of 2.38 sqm				5664.56
	Cost of 1 sqm				2380.07
	labour cess @1%				23.80
	Rate including labour cess				2403.87
		Say Rs.	**2403.90**	**per sqm**	
9.32	**Providing 50x50x50 mm 2nd class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement : 3 fine sand) and making good the walls etc.**				
	Details of cost for 100nos				
	MATERIAL:				
	Teak wood (2nd class) 100x(50x50x50)mm= 0.0125cum				
	Add wastage @ 10% = 0.0013 cum.				
	Total =0.0138 cum. Say 14 cudm				
1189	Second class teak wood in scantling	10 cudm	14.00	614.28	859.99
2204	Carriage of timber	cum	0.01	123.51	1.73
	Cement mortar 1:3(1 cement: 3 fine sand)				
2112	Rate as per Item Number 2112 of SH: Mortars	cum	0.00	3278.80	6.56
	LABOUR:				
0112	Carpenter 2nd class	day	0.75	305.00	228.75
0124	Mason (brick layer) 2nd class	day	0.75	305.00	228.75
0114	Beldar	day	0.75	254.00	190.50
	TOTAL				1516.28
	Add Water Charges @ 1%				15.16
	TOTAL				1531.44
	Add GST 12% on "X"(multiplying factor 0.1405)				215.17
	Total				1746.61 (Y)
	Add CPOH @ 15%				261.99
	Cost of 100 nos				2008.60
	Cost of each				20.09
	labour cess @1%				0.20
	Rate including labour cess				20.29
		Say Rs.	**20.30**	**Each**	
9.33	**Providing and fixing expandable fasteners of specified size with necessary plastic sleeves and galvanised M.S. screws including drilling holes in masonry work / C.C / R.C.C. and making good etc. complete.**				
9.33.1	**25 mm long**				
	Details of cost for 10 nos.				
	MATERIAL:				
7312	Expandable fastener with plastic sleeve and M.S. screws : 25 mm long	each	10.00	9.31	93.07
9999	Labour for drilling holes and making good etc.	L.S.	20.80	1.80	37.44
	TOTAL				130.51
	Add Water Charges @ 1%				1.31
	TOTAL				131.82
	Add GST 12% on "X"(multiplying factor 0.1405)				18.52

Code No	Description	Unit	Quantity	Rate	Amount
	Total				150.34 (Y)
	Add CPOH @ 15%				22.55
	Cost of 10 nos				172.89
	Cost of each				17.29
	labour cess @1%				0.17
	Rate including labour cess				17.46
		Say Rs.	**17.50**	**Each**	
9.33.2	**32 mm long**				
	Details of cost for 10 nos.				
	MATERIAL:				
7313	Expandable fastener with plastic sleeve and				
	M.S. screws : 32 mm long	each	10.00	10.24	102.38
9999	Labour for drilling holes and making good etc.	L.S.	26.00	1.80	46.80
	TOTAL				149.18
	Add Water Charges @ 1%				1.49
	TOTAL				150.67
	Add GST 12% on "X"(multiplying factor 0.1405)				21.17
	Total				171.84 (Y)
	Add CPOH @ 15%				25.78
	Cost of 10 nos				197.62
	Cost of each				19.76
	labour cess @1%				0.20
	Rate including labour cess				19.96
		Say Rs.	**20.00**	**Each**	
9.33.3	**40 mm long**				
	Details of cost for 10 nos.				
	MATERIAL:				
7314	Expandable fastener with plastic sleeve and				
	M.S. screws : 40 mm long	each	10.00	13.03	130.30
9999	Labour for drilling holes and making good etc.	L.S.	26.00	1.80	46.80
	TOTAL				177.10
	Add Water Charges @ 1%				1.77
	TOTAL				178.87
	Add GST 12% on "X"(multiplying factor 0.1405)				25.13
	Total				204.00 (Y)
	Add CPOH @ 15%				30.60
	Cost of 10 nos				234.60
	Cost of each				23.46
	labour cess @1%				0.23
	Rate including labour cess				23.70
		Say Rs.	**23.70**	**Each**	
9.33.4	**50 mm long**				
	Details of cost for 10 nos.				
	MATERIAL:				
7315	Expandable fastener with plastic sleeve and M.S. screws.				
	50 mm long	each	10.00	13.96	139.61
9999	Labour for drilling holes and making good etc.	L.S.	26.00	1.80	46.80
	TOTAL				186.41
	Add Water Charges @ 1%				1.86

Code No	Description	Unit	Quantity	Rate	Amount	
	TOTAL				188.27	
	Add GST 12% on "X"(multiplying factor 0.1405)				26.45	
	Total				214.72	(Y)
	Add CPOH @ 15%				32.21	
	Cost of 10 nos				246.93	
	Cost of each				24.69	
	labour cess @1%				0.25	
	Rate including labour cess				24.94	
		Say Rs.	**24.90**	**Each**		
9.34	**Providing and fixing 2nd class teak wood plain lining tongued and grooved, including wooden plugs complete with necessary screws and priming coat on unexposed surface.**					
9.34.1	**40 mm thick**					
	Details of cost for 10 sqm.					
	MATERIAL:					
	Teak wood (2nd class) 10x0.04m=0.40 cum					
	Add wastage @ 10% = 0.04 cum.					
	Total = 0.44 cum. Say 440 cudm					
1190	Second class teak wood in planks	10 cudm	440.00	628.24	27642.49	
1231	Extra for selected planks of second class teakwood	10 cudm	440.00	139.61	6142.77	
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand) Rate as per Item Number 9.32 of SH: Wood and PVC work					
9.32		each	55.00	20.09	1104.73	A
	Priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	31.92	319.20	A
2204	Carriage of timber	cum	0.44	121.88	53.63	
	LABOUR:					
	For planning and fixing					
0111	Carpenter 1 st class	day	2.15	342.00	735.30	
0114	Beldar	day	1.62	254.00	411.48	
9999	Sundries & screws etc.	L.S.	53.82	1.80	96.88	
	TOTAL				36506.48	
	Add Water Charges @ 1% except on A i.e on (36506.48 - 1423.93=)				350.83	
	TOTAL				36857.30	(X)
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				4978.39	
	Total				41835.69	(Y)
	Add CPOH @ 15% except on A i.e on (41835.69 - 1423.93=)				6061.76	
	Cost of 10 sqm				47897.45	
	Cost of 1 sqm				4789.75	
	labour cess @1%				47.90	
	Rate including labour cess				4837.64	
		Say Rs.	**4837.60**	**per sqm**		

Code No	Description	Unit	Quantity	Rate	Amount	
9.34.2	**25 mm thick**					
	Details of cost for 10 sqm.					
	MATERIAL:					
	Teak wood 2nd class 10x0.025 = 0.25cum+					
	Add wastage @ 10% = 0.025 cum.					
	Total = 0.275 cum.					
	Say 275 cudm					
1190	Second class teak wood in planks	10 cudm	275.00	628.24	17276.55	
1231	Extra for selected planks of second class teakwood	10 cudm	275.00	139.61	3839.23	
2204	Carriage of timber	cum	0.275	121.88	33.52	
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)					
9.32	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	55.00	20.09	1104.73	A
	Priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	31.92	319.20	A
	LABOUR:					
0111	Carpenter 1 st class	day	2.15	342.00	735.30	
0114	Beldar	day	1.62	254.00	411.48	
9999	Sundries & screws etc.	L.S.	53.82	1.80	96.88	
	TOTAL				23816.89	
	Add Water Charges @ 1% except on A i.e on (23816.89 - 1423.93=)				223.93	
	TOTAL				24040.82	
	Add GST 12% on "X" except A(multiplying factor 0.1405)				3177.67	
	Total				27218.50	(Y)
	Add CPOH @ 15% except on A i.e on (27218.5 - 1423.93=)				3869.18	
	Cost of 10 sqm				31087.68	
	Cost of 1 sqm				3108.77	
	labour cess @1%				31.09	
	Rate including labour cess				3139.86	
		Say Rs.	**3139.90**	**per sqm**		
9.34.3	**20 mm thick**					
	Details of cost for 10 sqm.					
	MATERIAL:					
	Teak wood (2nd class) 10x0.02m = 0.20 cum					
	Add wastage @ 10% = 0.02 cum.					
	Total = 0.22 cum. Say 220 cudm					
1190	Second class teak wood in planks	10 cudm	220.00	628.24	13821.24	
1231	Extra for selected planks of second class teakwood	10 cudm	220.00	139.61	3071.39	
2204	Carriage of timber	cum	0.22	121.88	26.81	
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)					
9.32	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	55.00	20.09	1104.73	A
	Priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	31.92	319.20	A
	LABOUR:					

Code No	Description	Unit	Quantity	Rate	Amount	
0111	Carpenter 1 st class	day	1.08	342.00	369.36	
0112	Carpenter 2nd class	day	0.80	305.00	244.00	
0114	Beldar	day	1.08	254.00	274.32	
9999	Sundries & screws etc.	L.S.	53.82	1.80	96.88	
	TOTAL				19327.93	
	Add Water Charges @ 1% except on A i.e on (19327.9319858987 - 1423.9325986647=)				179.04	
	TOTAL				19506.97	
	Add GST 12% on "X" except A(multiplying factor 0.1405)				2540.67	
	Total				22047.64	(Y)
	Add CPOH @ 15% except on A i.e on (22047.64 - 1423.93=)				3093.56	
	Cost of 10 sqm				25141.19	
	Cost of 1 sqm				2514.12	
	labour cess @1%				25.14	
	Rate including labour cess				2539.26	
		Say Rs.	**2539.30**	**per sqm**		
9.34.4	**12 mm thick**					
	Details of cost for 10 sqm.					
	Wood:					
	Second class teak wood 10x0.012 = 0.12 cum					
	Add wastage @ 10% = 0.012 cum					
	Total = 0.132 cum. Say 132 cudm					
1190	Second class teak wood in planks	10 cudm	132.00	628.24	8292.75	
1231	Extra for selected planks of second class teakwood	10 cudm	132.00	139.61	1842.83	
2204	Carriage of timber	cum	0.13	121.88	16.09	
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)					
9.32	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	55.00	20.09	1104.73	**A**
	LABOUR:					
0111	Carpenter 1 st class	day	1.08	342.00	369.36	
0112	Carpenter 2nd class	day	0.80	305.00	244.00	
0114	Beldar	day	1.08	254.00	274.32	
	Priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	31.92	319.20	**A**
9999	Sundries & screws etc.	L.S.	53.82	1.80	96.88	
	TOTAL				12560.15	
	Add Water Charges @ 1% except on A i.e on (12560.15 - 1423.93=)				111.36	
	TOTAL				12671.52	
	Add GST 12% on "X" except A(multiplying factor 0.1405)				1580.29	
	Total				14251.80	(Y)
	Add CPOH @ 15% except on A i.e on (14251.8 - 1423.93=)				1924.18	
	Cost of 10 sqm				16175.98	
	Cost of 1 sqm				1617.60	
	labour cess @1%				16.18	

Code No	Description	Unit	Quantity	Rate	Amount	
	Rate including labour cess				1633.77	
		Say Rs.	**1633.80**	**per sqm**		
9.35	**Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination and other side balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed surface, with necessary fixing arrangement and screws etc. complete :**					
9.35.1	**12 mm thick** Details of cost for 10 sqm. MATERIAL: Particle board (three layer medium density) 12mm thick = 10 sqm.+ Add wastage @ 10% = 1 sqm. Total = 11 sqm					
7477	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 12 mm thick	sqm	11.00	524.00	5763.97	
9999	Carriage of particle board	L.S.	13.52	1.80	24.34	
9999	Sundries & screws etc.	L.S.	26.91	1.80	48.44	
	Priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	31.92	319.20	A
	LABOUR:					
0112	Carpenter 2nd class	day	1.28	305.00	390.40	
0114	Beldar	day	1.43	254.00	363.22	
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	9.31	511.90	
	TOTAL				7421.47	
	Add Water Charges @ 1% except on A i.e on (7421.46683882974 - 319.204923936128=)				71.02	
	TOTAL				7492.49	
	Add GST 12% on "X" Except "A"(multiplying factor 0.1405)				1007.85	
	Total				8500.34	(Y)
	Add CPOH @ 15% except on A i.e on (8500.33593501166 - 319.204923936128=)				1227.17	
	Cost of 10 sqm				9727.51	
	Cost of 1 sqm				972.75	
	labour cess @1%				9.73	
	Rate including labour cess				982.48	
		Say Rs.	**982.50**	**per sqm**		
9.35.2	**18 mm thick** Details of cost for 10 sqm. MATERIAL: Particle board (three layer medium density) 18 mm thick = 10 sqm.+ Add wastage @ 10% = 1 sqm.					

Code No	Description	Unit	Quantity	Rate	Amount	
	Total = 11 sqm					
7478	Prelaminated particle board with one side decorative and other side balancing lamination,flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 18 mm thick					
		sqm	11.00	628.24	6910.62	
9999	Carriage of particle board	L.S.	13.52	1.80	24.34	
9999	Sundries & screws etc.	L.S.	26.91	1.80	48.44	
	Priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	31.92	319.20	A
	LABOUR:					
0112	Carpenter 2nd class	day	1.28	305.00	390.40	
0114	Beldar	day	1.43	254.00	363.22	
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	9.31	511.90	
	TOTAL				8568.12	
	Add Water Charges @ 1% except on A i.e on (8568.1180728723 - 319.204923936128=)				82.49	
	TOTAL				8650.61	
	Add GST 12% on "X"(multiplying factor 0.1405)				1170.56	
	Total				9821.17	(Y)
	Add CPOH @ 15% except on A i.e on (9821.16922476145 - 319.204923936128=)				1425.29	
	Cost of 10 sqm				**11246.46**	
	Cost of 1 sqm				1124.65	
	labour cess @1%				11.25	
	Rate including labour cess				1135.89	
		Say Rs.	**1135.90**	**per sqm**		
9.35.3	**25 mm thick**					
	Details of cost for 10 sqm.					
	MATERIAL:					
	Particle board (three layer medium density)					
	25 mm thick = 10 sqm.+					
	Add wastage @ 10% = 1 sqm.					
	Total = 11 sqm					
7479	Prelaminated particle board with one side decorative and other side balancing lamination, flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 25 mm thick					
		sqm	11.00	865.57	9521.30	
9999	Carriage of particle board	L.S.	13.52	1.80	24.34	
9999	Sundries & screws etc.	L.S.	26.91	1.80	48.44	
	Priming coat					
13.50.1	Rate as per Item Number 13.50.1 of SH: Finishing	sqm	10.00	31.92	319.20	**A**
	LABOUR:					
0112	Carpenter 2nd class	day	1.28	305.00	390.40	
0114	Beldar	day	1.43	254.00	363.22	
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	9.31	511.90	
	TOTAL				11178.80	
	Add Water Charges @ 1% except on A i.e on (11178.7972218085 - 319.204923936128=)				108.60	

Code No	Description	Unit	Quantity	Rate	Amount	
	TOTAL				11287.39	
	Add GST 12% on "X"Except "A"(multiplying factor 0.1405)				1541.03	
	Total				12828.42	(Y)
	Add CPOH @ 15% except on A i.e on (11287.3931447872 - 319.204923936128=)				1876.38	
	Cost of 10 sqm				14704.81	
	Cost of 1 sqm				1470.48	
	labour cess @1%				14.70	
	Rate including labour cess				1485.19	
		Say Rs.	**1485.20**	**per sqm**		
9.36	**Providing and fixing specified wood frame work consisting of battens 50x25 mm fixed with rawl plug and drilling necessary holes for rawl plug etc. including priming coat complete.**					
9.36.1	**Kiln seasoned and chemically treated hollock wood**					
	Details of cost for 5 no. battens of size 500cmx50mmx 25mm (31.25 cudm)					
	MATERIAL:					
	Hollock wood -					
	5x5.00x0.50x0.025 = 0.03125 cum					
	Add wastage @ 5% = 0.00156 cum					
	Total = 0.03281 cum.					
	Say 33 cudm					
2505	Hollock wood in planks	10 cudm	33.00	362.98	1197.84	
2204	Carriage of timber	cum	0.03	0.00	0.00	
	LABOUR:					
0111	Carpenter 1 st class	day	1.00	342.00	342.00	
0114	Beldar	day	0.25	254.00	63.50	
9999	Sundries	L.S.	6.76	1.80	12.17	
	Painting with ready mixed priming coat on ground 5x500x15 cm =3.75 sqm					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	3.75	31.92	119.70	A
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	9.31	511.90	
9999	Labour for drilling holes steel tape sundries	L.S.	71.50	1.80	128.70	
	TOTAL				2375.81	
	Add Water Charges @ 1% except on A i.e on (2375.80874009307 - 119.701846476048=)				22.56	
	TOTAL				2398.37	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				320.15	
	Total				2718.52	(Y)
	Add CPOH @ 15% except on A i.e on (2718.52265776796 - 119.701846476048=)				389.82	
	Cost of 0.03125 cum				3108.35	
	Cost of 1 cum				99467.06	
	labour cess @1%				994.67	
	Rate including labour cess				100461.74	
		Say Rs.	**100461.70**	**per cum**		

Code No	Description	Unit	Quantity	Rate	Amount	
9.37	**Providing and fixing plywood 4 mm thick, one side decorative veneer conforming to IS: 1328 (type-1),for plain lining / cladding with necessary screws, including priming coat on unexposed surface with :**					
9.37.1	**Decorative veneer facings of approved manufac ture**					
	Details of cost for 10 sqm.					
	MATERIAL:					
	Teak ply wood = 10sqm. +					
	Add for wastage @ 20% = 2 sqm.					
	Total = 12 sqm					
0759	Decorative plywood 4 mm	sqm	12.00	279.22	3350.60	
9999	Carriage of ply wood	L.S.	5.46	1.80	9.83	
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)					
9.32	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	55.00	20.09	1104.73	A
	LABOUR:					
0111	Carpenter 1 st class	day	3.80	342.00	1299.60	
0114	Beldar	day	4.60	254.00	1168.40	
0130	Mistry	day	0.60	254.00	152.40	
9999	20mm nails without head for fixing ply	L.S.	53.82	1.80	96.88	
	Painting with ready mixed priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	31.92	319.20	A
	TOTAL				7501.64	
	Add Water Charges @ 1% except on A i.e on (7501.64085398385 - 1423.9325986647=)				60.78	
	TOTAL				7562.42	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				862.46	
	Total				8424.88	(Y)
	Add CPOH @ 15% except on A i.e on (8424.8751265081 - 1423.9325986647=)				920.77	
	Cost of 10 sqm				9345.65	
	Cost of 1 sqm				934.56	
	labour cess @1%				9.35	
	Rate including labour cess				943.91	
		Say Rs.	**943.90**	**per sqm**		
9.38	**Providing and fixing 4 mm thick coir veneer board, ISI marked IS : 14842, plain lining with necessary screws, priming coat on unexposed surface etc., complete.**					
	Details of cost for 10 sqm.					
	MATERIAL:					
	Coir veneered board 4mm thick = 10sqm.+					
	Add for wastage @ 20% = 2 sqm.					
	Total = 12 sqm					
7552	Coir veneered board 4 mm thick	sqm	12.00	279.22	3350.60	

Code No	Description	Unit	Quantity	Rate	Amount	
9999	Carriage of coir veneered board	L.S.	5.46	1.80	9.83	
	Second class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)					
9.32	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	55.00	20.09	1104.73	**A**
	LABOUR:					
0111	Carpenter 1 st class	day	3.80	342.00	1299.60	
0114	Beldar	day	4.60	254.00	1168.40	
0130	Mistry	day	0.60	254.00	152.40	
9999	20mm nails without head for fixing ply	L.S.	53.82	1.80	96.88	
	Priming coatPainting with ready mixed priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	31.92	319.20	**A**
	TOTAL				7501.64	
	Add Water Charges @ 1% except on A i.e on (7501.64085398385 - 1423.9325986647=)				60.78	
	TOTAL				7562.42	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				893.69	
	Total				8456.11	(Y)
	Add CPOH @ 15% except on A i.e on (7562.41793653704 - 1423.9325986647=)				1054.83	
	Cost of 10 sqm				9510.94	
	Cost of 1 sqm				951.09	
	labour cess @1%				9.51	
	Rate including labour cess				960.60	
		Say Rs.	**960.60**	**per sqm**		
9.39	**Providing and fixing skirting with Pre-laminated (one side decorative and other side balancing lamination) flat pressed 3 layer or graded particle board (medium density) Grade I, Type II, IS :12823 marked, with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and priming coat on unexposed surface complete :**					
9.39.1	**18 mm thick**					
	Details of cost for skirting 200mm wide and 30m long Area = 0.2x30= 6 sqm					
	MATERIAL:					
	Teak shade prelaminated Particle board (three layer medium density) = 6.0 sqm.+					
	Add wastage @ 10% =0.6sqm.					
	Total = 6.6 sqm					
7478	Prelaminated particle board with one side decorative and other side balancing lamination,flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 18 mm thick	sqm	6.60	628.24	4146.37	
9999	Carriage of particle board	L.S.	8.11	1.80	14.60	
7048	Rawl plug 50 mm (designation 10 nos)	each	102.00	9.31	949.34	
9999	Labour for drilling holes	L.S.	130.00	1.80	234.00	

Code No	Description	Unit	Quantity	Rate	Amount	
	LABOUR:					
0112	Carpenter 2nd class	day	0.77	305.00	234.85	
0114	Beldar	day	0.86	254.00	218.44	
9999	Sundries (Screws, sand paper)	L.S.	53.82	1.80	96.88	
	Priming coatPainting with ready mixed priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	6.00	31.92	191.52	**A**
	TOTAL				6086.00	
	Add Water Charges @ 1% except on A i.e on (6085.99759265955 - 191.522954361677=)				58.94	
	TOTAL				6144.94	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				836.46	
	Total				6981.40	(Y)
	Add CPOH @ 15% except on A i.e on (6144.94233904253 - 191.522954361677=)				1018.48	
	Cost of 6 sqm				7999.88	
	Cost of 1 sqm				1333.31	
	labour cess @1%				13.33	
	Rate including labour cess				1346.65	
		Say Rs.	**1346.60**	**per sqm**		
9.39.2	**25 mm thick**					
	Details of cost for skirting 200mm wide and 30m long Area = 0.2x30= 6 sqm					
	MATERIAL:					
	Teak shade pre-laminated Particle board (three layer medium density) = 6.0 sqm.+					
	Add wastage @ 10% =0.6sqm.					
	Total = 6.6 sqm					
7479	Prelaminated particle board with one side decorative and other side balancing lamination,flat pressed 3 layer & graded (medium density) Grade I, Type II conforming to IS : 12823 (exterior grade) 25 mm thick	sqm	6.60	865.57	5712.78	
9999	Carriage of particle board	L.S.	8.11	1.80	14.60	
7048	Rawl plug 50 mm (designation 10 nos)	each	102.00	9.31	949.34	
9999	Labour for drilling holes	L.S.	130.00	1.80	234.00	
	LABOUR:					
	For dressing and fixing particle board to skirting					
0112	Carpenter 2nd class	day	0.77	305.00	234.85	
0114	Beldar	day	0.86	254.00	218.44	
9999	Sundries (Screws, sand paper)	L.S.	53.82	1.80	96.88	
	Painting with ready mixed priming coat at back					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	6.00	31.92	191.52	**A**
	TOTAL				7652.41	
	Add Water Charges @ 1% except on A i.e on (7652.40508202125 - 191.522954361677=)				74.61	
	TOTAL				7727.01	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				1072.03	
	Total				8799.05	(Y)
	Add CPOH @ 15% except on A i.e on					

Code No	Description	Unit	Quantity	Rate	Amount	
	(7727.01390329785 - 191.522954361677=)				1291.13	
	Cost of 6 sqm				10090.18	
	Cost of 1 sqm				1681.70	
	labour cess @1%				16.82	
	Rate including labour cess				1698.51	
		Say Rs.	**1698.50**	**per sqm**		
9.40	**Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete:**					
9.40.1	**2nd class teak wood**					
9.40.1.1	**50x12 mm**					
	Details of cost for beading for a window of size 140 x 110cm i.e. 500cm long (5 metre)					
	MATERIAL:					
	Teak wood IInd class in planks 500x5x1.2cm = 0.003cum+					
	Add for wastage @ 10% = 0.0003 cum.					
	Total = 0.0033 cum. Say 3.3 cudm					
1190	Second class teak wood in planks	10 cudm	3.30	628.24	207.32	
2204	Carriage of timber	cum	0.0033	123.51	0.41	
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	36.00	58.64	21.11	
	Painting with priming coat Area = 500(5+1.2+1.2) = 0.37 sqm					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	0.37	31.92	11.81	**A**
	LABOUR:					
	For plaining, fixing and making design					
0111	Carpenter 1 st class	day	0.53	342.00	181.26	
	TOTAL				421.91	
	Add Water Charges @ 1% except on A i.e on (421.905624510305 - 11.8105821856367=)				4.10	
	TOTAL				426.01	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				58.19	
	Total				484.20	(Y)
	Add CPOH @ 15% except on A i.e on (426.006574933552 - 11.8105821856367=)				70.86	
	Cost of 5 metre				555.06	
	Cost of 1 metre				111.01	
	labour cess @1%				1.11	
	Rate including labour cess				112.12	
		Say Rs.	**112.10**	**per metre**		
9.40.1.2	**50 x 20 mm**					
	Details of cost for beading for a window of size 140 x 110cm i.e. 500cm long (5 metre)					
	MATERIAL:					
	Teak wood IInd class in planks					

Code No	Description	Unit	Quantity	Rate	Amount	
	500x5x 2.0cm=0.005cum					
	Add for wastage @ 10% = 0.0005cum					
	Total=0.0055cum.					
	Say 5.5 cudm					
1190	Second class teak wood in planks	10 cudm	5.50	628.24	345.53	
2204	Carriage of timber	cum	0.0055	123.51	0.68	
0637	Bright finished or black enameled mild steel					
	screws 40 mm	100 Nos	36.00	58.64	21.11	
	Painting with priming coat					
	Area = 500(5+2+2) = 0.45 sqm					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	0.45	31.92	14.36	**A**
	LABOUR:					
	For planing, fixing and making design					
0111	Carpenter 1 st class	day	0.53	342.00	181.26	
	TOTAL				562.94	
	Add Water Charges @ 1% except on A i.e on					
	(562.943420912566 - 14.3642215771257=)				5.49	
	TOTAL				568.43	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				77.85	
	Total				646.28	(Y)
	Add CPOH @ 15% except on A i.e on					
	(568.429212905921 - 14.3642215771257=)				94.79	
	Cost of 5 metre				741.06	
	Cost of 1 metre				148.21	
	labour cess @1%				1.48	
	Rate including labour cess				149.69	
		Say Rs.	**149.70**	**per metre**		
9.40.2	**Kiln seasoned and chemically treated hollock wood**					
9.40.2.1	**50x12 mm**					
	Details of cost for beading for a window of size					
	140x110cm i.e. 500cm long (5 metre)					
	MATERIAL:					
	Hollock wood 500x5x1.2cm = 0.003 cum+					
	Add for wastage @ 10% = 0.0003 cum.					
	Total = 0.0033 cum. Say 3.3 cudm					
2505	Hollock wood in planks	10 cudm	3.30	362.98	119.78	
2204	Carriage of timber	cum	0.0033	123.51	0.41	
0637	Bright finished or black enameled mild steel screws					
	40 mm	100 Nos	36.00	58.64	21.11	
	Painting with priming coat					
	Area = 500(5+1.2+1.2) = 0.37 sqm					
13.50.1	Rate as per Item Number 13.50.1 of SH: Finishing	sqm	0.37	31.92	11.81	**A**
	LABOUR:					
	For planing, fixing and making design					
0111	Carpenter 1 st class	day	0.53	342.00	181.26	
	TOTAL				334.37	
	Add Water Charges @ 1% except on A i.e on					
	(334.371088340093 - 11.8105821856367=)				3.23	

Code No	Description	Unit	Quantity	Rate	Amount	
	TOTAL				337.60	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				45.77	
	Total				383.37	(Y)
	Add CPOH @ 15% except on A i.e on					
	(337.596693401637 - 11.8105821856367=)				55.73	
	Cost of 5 metre				439.10	
	Cost of 1 metre				87.82	
	labour cess @1%				0.88	
	Rate including labour cess				88.70	
		Say Rs.	**88.70**	**per metre**		
9.40.2.2	**50x20 mm**					
	Details of cost for beading for a window of size					
	140 x 110cm i.e. 500cm long (5 metre)					
	MATERIAL:					
	Hollock wood 500x5x200cm = 0.005 cum+					
	Add for wastage @ 10% = 0.0005 cum.					
	Total = 0.0055 cum. Say 5.5 cudm					
2505	Hollock wood in planks	10 cudm	5.50	362.98	199.64	
2204	Carriage of timber	cum	0.0055	121.88	0.67	
0637	Bright finished or black enameled mild steel					
	screws 40 mm	100 Nos	36.00	58.64	21.11	
	Painting with priming coat					
	Area = 500(5+2+2) = 0.45 sqm					
13.50.1	Rate as per Item Number 13.50.1 of SH: Finishing	sqm	0.45	31.92	14.36	**A**
	LABOUR:					
	For planing, fixing and making design					
0111	Carpenter 1 st class	day	0.53	342.00	181.26	
	TOTAL				417.04	
	Add Water Charges @ 1% except on A i.e on					
	(417.043538598402 - 14.3642215771257=)				4.03	
	TOTAL				421.07	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				57.14	
	Total				478.21	(Y)
	Add CPOH @ 15% except on A i.e on					
	(421.070331768615 - 14.3642215771257=)				69.58	
	Cost of 5 metre				547.79	
	Cost of 1 metre				109.56	
	labour cess @1%				1.10	
	Rate including labour cess				110.65	
		Say Rs.	**110.70**	**per metre**		
9.41	**Providing and fixing plain jafari of 35x10 mm laths placed 35 mm apart (frames to be paid separately),including fixing 50x12 mm beading complete with :**					
9.41.1	**Second class teak wood**					
	Details of cost for a jaffri 200x110cm = 2.2sqm					

Code No	Description	Unit	Quantity	Rate	Amount
	MATERIAL:				
	Teakwood IInd class Jaffri				
	210x120x1.0cm = 0.025cum +				
	Beading 660x5x1.2cm = 0.004cum				
	Total = 0.029 cum+				
	Add wastage @ 10% = 0.003 cum				
	Total = 0.032 cum. Say 32 cudm				
1190	Second class teak wood in planks	10 cudm	32.00	628.24	2010.36
2204	Carriage of timber	cum	0.0320	121.88	3.90
	LABOUR:				
0111	Carpenter 1 st class	day	0.75	342.00	256.50
0112	Carpenter 2nd class	day	1.00	305.00	305.00
0114	Beldar	day	0.50	254.00	127.00
0130	Mistry	day	0.10	254.00	25.40
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				2789.00
	Add Water Charges @ 1%				27.89
	TOTAL				2816.89 (X)
	Add GST 12% on "X" except (multiplying factor 0.1405)				395.77
	Total				3212.67 (Y)
	Add CPOH @ 15%				481.90
	Cost of 2.2 sqm				3694.57
	Cost of 1 sqm				1679.35
	labour cess @1%				16.79
	Rate including labour cess				1696.14
		Say Rs.	**1696.10**	**per sqm**	
9.42	**Providing and fixing 18 mm thick, 150 mm wide pelmet of flat pressed 3 layer or graded wood particle board medium density grade I, IS : 3087 marked, including top cover of 6 mm commercial ply wood conforming to IS: 303 BWR grade, nickel plated M.S. pipe 20 mm dia (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete.**				
	Details of cost for a pelmet 2m long.				
	MATERIAL:				
	(i) 18mm thick particle board (medium density exterior grade)Front-1x1.7x0.15=0.255sqm +				
	Sides-2x0. 15x0.15= 0.045sqm				
	Total = 0.300sqm +				
	Add wastage @ 5% =0.015sqm				
	Total = 0.315sqm. Say 0.32 sqm.				
7055	Flat pressed 3 layer and graded particle board (medium density) Grade 1 conforming to IS : 3087 - 18 mm thick	sqm	0.32	409.52	131.05
	6mm thick commercial ply wood				

Code No	Description	Unit	Quantity	Rate	Amount
	Top-1x1.7x0.15=0.255sqm+				
	Add wastage @ 5% = 0.013 sqm.= 0.268 sqm.				
	Say 0.27 sqm				
2412	Ply wood 5 ply with commercial ply on both faces				
	6 mm thick	sqm	0.27	349.95	94.49
7034	Nickel plated M.S. pipe 20 mm dia	metre	1.65	69.80	115.18
7035	Nickel plated M.S. Brackets for curtain rod 20 mm	each	2.00	6.52	13.03
9999	Carriage of material	L.S.	0.52	1.80	0.94
9999	M.S. flat 25 x 3 mm and 10cm long over brackets	L.S.	8.06	1.80	14.51
2505	Hollock wood in planks	10 cudm	0.32	362.98	11.62
7048	Rawl plug 50 mm (designation 10 nos)	each	2.00	9.31	18.61
	LABOUR:				
0112	Carpenter 2nd class	day	0.18	305.00	54.90
0114	Beldar	day	0.18	254.00	45.72
0130	Mistry	day	0.11	254.00	27.94
9999	Sundries	L.S.	2.73	1.80	4.91
	TOTAL				532.89
	Add Water Charges @ 1%				5.33
	TOTAL				538.22 (X)
	Add GST 12% on "X" except (multiplying factor 0.1405)				75.62
	Total				613.84 (Y)
	Add CPOH @ 15%				92.08
	Cost of 2 metre				705.91
	Cost of 1 metre				352.96
	labour cess @1%				3.53
	Rate including labour cess				356.49
		Say Rs.	**356.50**	**per metre**	
9.43	**Providing and fixing 18 mm thick, 150 mm wide pelmet of coir veneer board ISI marked IS : 14842, including top cover of 6 mm coir veneer board, nickle plated M.S. Pipe 20 mm dia. (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. Flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete**				
	Details of cost for a pelmet 2m long.				
	MATERIAL:				
	(i) 18mm thick Coir veneered board				
	Front-1 x 1.7x 0.15=0.255sqm +				
	Sides-2x0.15x0.15= 0.045sqm				
	Total = 0.300sqm +				
	Add wastage @5% = 0.015sqm				
	Total = 0.315sqm. Say 0.32 sqm				
7556	Coir veneered board 18 mm thick	sqm	0.32	977.26	312.72
	6mm thick commercial ply wood				
	Top-1x1.7x0.15=0.255sqm+				
	Add wastage @ 5% = 0.013 sqm				
	Total = 0.268 sqm.				

Code No	Description	Unit	Quantity	Rate	Amount
	Say 0.27 sqm				
7553	Coir veneered board 6 mm thick	sqm	0.27	372.29	100.52
7034	Nickel plated M.S. pipe 20 mm dia	metre	1.65	69.80	115.18
7035	Nickel plated M.S. Brackets for curtain rod 20 mm	each	2.00	6.52	13.03
9999	Carriage of material	L.S.	0.52	1.80	0.94
9999	M.S. flat 25 x 3 mm and 10cm long over brackets	L.S.	8.06	1.80	14.51
2505	Hollock wood in planks	10 cudm	0.32	362.98	11.62
7048	Rawl plug 50 mm (designation 10 nos)	each	2.00	9.31	18.61
	LABOUR:				
0112	Carpenter 2nd class	day	0.18	305.00	54.90
0114	Beldar	day	0.18	254.00	45.72
0130	Mistry	day	0.11	254.00	27.94
9999	Sundries	L.S.	2.73	1.80	4.91
	TOTAL				720.60
	Add Water Charges @ 1%				7.21
	TOTAL				727.80
	Add GST 12% on "X" (multiplying factor 0.1405)				102.26
	Total				830.06 (Y)
	Add CPOH @ 15%				124.51
	Cost of 2 metre				954.57
	Cost of 1 metre				477.28
	labour cess @1%				4.77
	Rate including labour cess				482.06
		Say Rs.	**482.10**	**per metre**	
9.44	**Extra for using veneered particle board conforming to IS: 3097 Grade I, in item of pelmet 18 mm thick 150 mm wide.**				
9.44.1	**Non decorative veneer on both sides**				
	Details of cost for a pelmet 2m long.				
	MATERIAL:				
	(i) 18mm thick particle board (medium density exterior grade)				
	Front-lxl.7x0.15= 0.255sqm.+				
	Sides-2x0.15x0.15 = 0.045sqm.				
	Total = 0.300sqm.+				
	Add wastage @5% =0.015sqm.				
	Total = 0.315sqm. Say 0.32 sqm				
0347	Extra for veneered particle board with Commercial veneering on both sides	sqm	0.32	167.53	53.61
	TOTAL				53.61
	Add Water Charges @ 1%				0.54
	TOTAL				54.15
	Add GST 12% on "X" (multiplying factor 0.1405)				7.61
	Total				61.75 (Y)
	Add CPOH @ 15%				9.26
	Cost of 2 metre				71.02
	Cost of 1 metre				35.51
	labour cess @1%				0.36

Code No	Description	Unit	Quantity	Rate	Amount
	Rate including labour cess				35.86
		Say Rs.	**35.90**	**per metre**	
9.44.2	**Particle board with decorative veneering on both sides**				
	Details of cost for a pelmet 2m long.				
	MATERIAL:				
	(i) 18mm thick particle board (medium density exterior grade)				
	Front-lxl.7x0.15= 0.255sqm.+				
	Sides-2x0.15x0.15 = 0.045sqm.				
	Total = 0.300sqm.+				
	Add wastage @5% = 0.015sqm.				
	Total = 0.315sqm. Say 0.32 sqm				
0348	Extra for veneered particle board with Teak veneering both sides	sqm	0.32	465.36	148.92
	TOTAL				148.92
	Add Water Charges @ 1%				1.49
	TOTAL				150.40 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				21.13
	Total				171.54 (Y)
	Add CPOH @ 15%				25.73
	Cost of 2 metre				197.27
	Cost of 1 metre				98.63
	labour cess @1%				0.99
	Rate including labour cess				99.62
		Say Rs.	**99.60**	**per metre**	
9.45	**Providing and fixing teak wood lipping of size 25x3 mm in pelmet.**				
	Details of cost for 10 metre.				
	MATERIAL:				
7049	Teak wood lipping of size 25x3 mm in pelmets	metre	10.00	13.96	139.61
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	305.00	76.25
0114	Beldar	day	0.25	254.00	63.50
	TOTAL				279.36
	Add Water Charges @ 1%				2.79
	TOTAL				282.15
	Add GST 12% on "X" (multiplying factor 0.1405)				39.64
	Total				321.79 (Y)
	Add CPOH @ 15%				48.27
	Cost of 10 metre				370.06
	Cost of 1 metre				37.01
	labour cess @1%				0.37
	Rate including labour cess				37.38
		Say Rs.	**37.40**	**per metre**	
9.46	**Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete:**				

Code No	Description	Unit	Quantity	Rate	Amount	
9.46.1	**12 mm dia**					
	Details of cost for 2m long.					
	MATERIAL:					
0590	Chromium plated Brass curtain rod 12 mm dia 1.25mm thick	metre	2.00	186.14	372.29	
7023	Chromium plated brackets (curtain rods)	each	2.00	6.52	13.03	
9999	C.P.brass screws	L.S.	4.03	1.80	7.25	
9999	Carriage	L.S.	1.56	1.80	2.81	
9.32	Wooden plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand) Rate as per Item Number 9.32 of SH: Wood and PVC work	each	2.00	20.09	40.17	A
9999	Labour	L.S.	2.73	1.80	4.91	
9999	Sundries	L.S.	1.56	1.80	2.81	
	TOTAL				443.28	
	Add Water Charges @ 1% except on A i.e on (443.275404806377 - 40.1719154446754=)				4.03	
	TOTAL				447.31	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				57.20	
	Total				504.51	(Y)
	Add CPOH @ 15% except on A i.e on (447.306439699994 - 40.1719154446754)=				69.65	
	Cost of 2 metre				574.16	
	Cost of 1 metre				287.08	
	labour cess @1%				2.87	
	Rate including labour cess				289.95	
		Say Rs.	**290.00**	**per metre**		
9.46.2	**20 mm dia**					
	Details of cost for 2m long.					
	MATERIAL:					
0591	Chromium plated Brass curtain rod 20 mm dia 1.25mm thick	metre	2.00	255.95	511.90	
7023	Chromium plated brackets (curtain rods)	each	2.00	6.52	13.03	
9999	C.P.brass screws	L.S.	4.03	1.80	7.25	
9999	Carriage	L.S.	1.56	1.80	2.81	
9.32	Wooden plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand) Rate as per Item Number 9.32 of SH: Wood and PVC work	each	2.00	20.09	40.17	A
9999	Labour	L.S.	2.73	1.80	4.91	
9999	Sundries	L.S.	1.56	1.80	2.81	
	TOTAL				582.88	
	Add Water Charges @ 1% except on A i.e on (582.883915444675 - 40.1719154446754)=				5.43	
	TOTAL				588.31	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				77.01	
	Total				665.32	(Y)
	Add CPOH @ 15% except on A i.e on (665.324581804675 - 40.1719154446754)=				93.77	

Code No	Description	Unit	Quantity	Rate	Amount
	Cost of 2 metre				759.10
	Cost of 1 metre				379.55
	labour cess @1%				3.80
	Rate including labour cess				383.34
		Say Rs.	**383.30**	**per metre**	
9.46.3	**25 mm dia**				
	Details of cost for 2m long.				
	MATERIAL:				
0592	Chromium plated Brass curtain rod 25 mm dia 1.25mm thick	metre	2.00	339.71	679.43
7023	Chromium plated brackets (curtain rods)	each	2.00	6.52	13.03
9999	C.P. brass screws	L.S.	4.03	1.80	7.25
9999	Carriage	L.S.	1.56	1.80	2.81
	Wooden plugs including cutting brick work and fixing in cement mortar 1:3 (1 cement: 3 fine sand)				
9.32	Rate as per Item Number 9.32 of SH: Wood and PVC work	each	2.00	20.09	40.17 A
9999	Labour	L.S.	2.73	1.80	4.91
9999	Sundries	L.S.	1.56	1.80	2.81
	TOTAL				750.41
	Add Water Charges @ 1% except on A i.e on (750.414128210633 - 40.1719154446754)=				7.10
	TOTAL				757.52
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				100.79
	Total				858.30 (Y)
	Add CPOH @ 15% except on A i.e on (858.303471540845 - 40.1719154446754)=				122.72
	Cost of 2 metre				981.02
	Cost of 1 metre				490.51
	labour cess @1%				4.91
	Rate including labour cess				495.42
		Say Rs.	**495.40**	**per metre**	
9.47	**Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets:**				
9.47.1	**20 mm dia (heavy type)**				
	Details of cost for 2m long.				
	MATERIAL:				
7034	Nickel plated M.S. pipe 20 mm dia	metre	2.00	69.80	139.61
7035	Nickel plated M.S. Brackets for curtain rod 20 mm	each	2.00	6.52	13.03
9999	Screws	L.S.	4.03	1.80	7.25
9999	Carriage	L.S.	1.56	1.80	2.81
7048	Rawl plug 50 mm (designation 10 nos)	each	2.00	9.31	18.61
9999	Rawl plug 50 mm (designation 10 no.)	L.S.	5.20	1.80	9.36
9999	Sundries	L.S.	1.56	1.80	2.81
	TOTAL				193.48
	Add Water Charges @ 1%				1.93
	TOTAL				195.42
	Add GST 12% on "X" (multiplying factor 0.1405)				27.46
	Total				222.87 (Y)
	Add CPOH @ 15%				33.43

Code No	Description	Unit	Quantity	Rate	Amount
	Cost of 2 metre				256.31
	Cost of 1 metre				128.15
	labour cess @1%				1.28
	Rate including labour cess				129.43
		Say Rs.	**129.40**	**per metre**	
9.47.2	**25 mm dia (heavy type)**				
	Details of cost for 2m long.				
	MATERIAL:				
7033	Nickel plated M.S. pipe 25 mm dia	metre	2.00	74.46	148.92
7036	Nickel plated M.S - Brackets for curtain rod 25 mm	each	2.00	7.45	14.89
9999	Screws	L.S.	4.03	1.80	7.25
9999	Carriage	L.S.	1.56	1.80	2.81
7048	Rawl plug 50 mm (designation 10 nos)	each	2.00	9.31	18.61
9999	Labour including fixing rawl plug	L.S.	5.20	1.80	9.36
9999	Sundries	L.S.	1.56	1.80	2.81
	TOTAL				204.65
	Add Water Charges @ 1%				2.05
	TOTAL				206.70
	Add GST 12% on "X" (multiplying factor 0.1405)				29.04
	Total				235.74 (Y)
	Add CPOH @ 15%				35.36
	Cost of 2 metre				271.10
	Cost of 1 metre				135.55
	labour cess @1%				1.36
	Rate including labour cess				136.91
		Say Rs.	**136.90**	**per metre**	
9.48	**Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.**				
9.48.1	**Fixed to steel windows by welding**				
	Details of cost for a grill 90x120cm = 1.08sqm.				
	MATERIAL:				
	M.S. bar 16mm diameter- 11x86cm = 9.46m.				
	@ 1.58kg/ m= 14.95kg+				
	Add wastage @ 10% = 1.50kg.				
	Total = 16.45kg. Say 0.165 quintal				
1003	Mild steel round bar above 12 mm dia	quintal	0.165	4545.00	749.93
	M.S. flat 25x3.15mm				
	2x120cm = 2.40m+2x90cm= 1.80m +				
	lxl20cm= 1.20m+				
	2x15cm = 0.30m				
	Total =5.70m				
	5.70m @ 0.63kg/m = 3.59kg				
	Add wastage @ 10% = 0.36kg.				
	Total = 3.95kg. Say 4 kg. or 0.04 quintal				
1008	Flats up to 10 mm in thickness	quintal	0.04	3420.41	150.50
2205	Carriage of steel	tonne	0.02	96.07	1.92
	0.165 + 0.04 = 0.205 q = 0.0205 t Say 0.02 tonne				

Code No	Description	Unit	Quantity	Rate	Amount	
9999	Sundries	L.S.	26.91	1.80	48.44	
9999	Welding charges	L.S.	19.76	1.80	35.57	
	Priming coat:Area=1x0.9x1.2x1=1.08 sqm					
13.81.3	Rate as per Item Number 13.81.3 of SH: Finishing	sqm	1.08	27.25	29.43	A
	LABOUR:					
0102	Blacksmith 1 st class	day	0.86	342.00	294.12	
0114	Beldar	day	1.10	254.00	279.40	
	TOTAL				1589.30	
	Add Water Charges @ 1% except on A i.e on					
	(1589.3 - 29.43)=				15.60	
	TOTAL				1604.90	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				221.35	
	Total				1826.25	(Y)
	Add CPOH @ 15% except on A i.e on					
	(1604.9 - 29.43)=				269.52	
	Cost of 18.54 kg				2095.78	
	Cost of 1 kg				113.04	
	labour cess @1%				1.13	
	Rate including labour cess				114.17	
		Say Rs.	**114.20**	**per Kg**		
9.48	**Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.**					
9.48.2	**Fixed to openings/ wooden frames with rawl plugs screws etc**					
	Details of cost for a grill 90x120cm = 1.08sqm.					
	MATERIAL:					
	M.S. bar 16mm dia. 11x86cm = 9.46m.					
	@ 1.58kg/m = 14.95kg+					
	Add wastage @ 10% = 1.50kg.					
	Total = 16.45kg. Say 0.165quintal					
1003	Mild steel round bar above 12 mm dia	quintal	0.165	4545.00	749.93	
	M.S. bar M.S. flat 25x3.15mm					
	2x120cm = 2.40m+					
	2x90cm = 1.80m+					
	1x120cm= 1.20m+					
	2x15cm=0.30m					
	Total=5.70m					
	5.70m @ 0.63kg/m = 3.59kg+					
	Add wastage @ 10% = 0.36kg.					
	Total = 3.95kg. Say 4 kg. or 0.04 quintal					
1008	Flats up to 10 mm in thickness	quintal	0.04	3420.41	150.50	
2205	Carriage of steel	tonne	0.02	96.07	1.92	
	0.165 + 0.04 = 0.205 q = 0.0205 t Say 0.02 tonne					
9999	Sundries	L.S.	26.91	1.80	48.44	
9999	Welding charges	L.S.	19.76	1.80	35.57	
	Priming coat:Area=1x0.9x1.2x1=1.08 sqm					

Code No	Description	Unit	Quantity	Rate	Amount	
13.81.3	Rate as per Item Number 13.81.3 of SH: Finishing	sqm	1.08	27.25	29.43	A
	LABOUR:					
0102	Blacksmith 1 st class	day	0.86	342.00	294.12	
0114	Beldar	day	1.10	254.00	279.40	
7048	Rawl plug 50 mm (designation 10 nos)	each	8.00	9.31	74.46	
9999	Fixing of rawl plugs	L.S.	26.00	1.80	46.80	
	TOTAL				1710.56	
	Add Water Charges @ 1% except on A i.e on (1710.55790474838 - 29.4296548160593)=				16.81	
	TOTAL				1727.37	(X)
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				238.56	
	Total				1965.93	(Y)
	Add CPOH @ 15% except on A i.e on (1727.3691872477 - 29.4296548160593)=				290.48	
	Cost of 18.54 kg				2256.40	
	Cost of 1 kg				121.70	
	labour cess @1%				1.22	
	Rate including labour cess				122.92	
		Say Rs.	**122.90**	**per Kg**		
9.49	**Providing and fixing expanded metal 20x60 mm strands 3.25 mm wide and 1.6 mm thick for windows etc. including 62 x19 mm beading of II nd class teak wood and priming coat with approved steel primer all complete.**					
	Details of cost for a window of size 140x 110cm=1.54sqm.					
	MATERIAL:					
	Expended metal					
	-20x60mm mesh 3.2mm wide= 1.4x1.1 m					
	= 1.54sqm.+					
	Add wastage @ 10% = 0.15sqm.					
	Total =1.69 sqm					
1015	Mild steel expanded metal 20x60 mm strands	sqm	1.69	260.60	440.42	
9999	Carriage	L.S.	1.82	1.80	3.28	
	Priming coat					
	Area=1.40x1.10x1.00=1.54sqm					
13.81.3	Rate as per Item Number 13.81.3 of SH: Finishing	sqm	1.54	27.25	41.96	A
	Second class teak wood beading					
	5mx62mmx19mm = 0.0059cum.+					
	Add wastage @ 10% = 0.00059cum.					
	Total= 0.00649cum.					
	Say 6 cudm					
1190	Second class teak wood in planks	10 cudm	6.00	628.24	376.94	
2204	Carriage of timber	cum	0.006	121.88	0.73	
	LABOUR:					
0112	Carpenter 2nd class	day	0.33	305.00	100.65	
0114	Beldar	day	0.25	254.00	63.50	
9999	Sundries	L.S.	26.91	1.80	48.44	
	TOTAL				1075.92	

Code No	Description	Unit	Quantity	Rate	Amount	
	Add Water Charges @ 1% except on A i.e on (1075.92 - 41.96)=				10.34	
	TOTAL				1086.26	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				146.72	
	Total				1232.98	(Y)
	Add CPOH @ 15% except on A i.e on (1086.26 - 41.96)=				178.65	
	Cost of 1.54 sqm				1411.64	
	Cost of 1 sqm				916.65	
	labour cess @1%				9.17	
	Rate including labour cess				925.81	
		Say Rs.	**925.81**	**per sqm**		
9.50	**Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete.**					
	Details of cost for a window of size 140x110cm=1.54sqm.					
	MATERIAL:					
	Hard drawn steel wire fabric -20x60mm mesh					
	3.2mm wide = 1.4x1.1m= 1.54sqm.+					
	Add wastage @ 10% = 0.15sqm.					
	Total = 1.69 sqm					
1021	Hard drawn steel wire fabric	sqm	1.69	372.29	629.17	
9999	Carriage of wire fabric	L.S.	1.82	1.80	3.28	
	Second class teak wood beading					
	5mx62mmx19mm =0.00059cum.+					
	Add wastage @ 10% = 0.00059cum.					
	Total = 0.000649cum.					
	Say 6 cudm					
	Priming coat					
	Area=1.40x1.10x1.00=1.54sqm					
13.81.3	Rate as per Item Number 13.81.3 of SH: Finishing	sqm	1.54	27.25	41.96	**A**
1190	Second class teak wood in planks	10 cudm	6.00	628.24	376.94	
2204	Carriage of timber	cum	0.006	121.88	0.73	
	LABOUR:					
0112	Carpenter 2nd class	day	0.33	305.00	100.65	
0114	Beldar	day	0.25	254.00	63.50	
9999	Sundries	L.S.	19.76	1.80	35.57	
	TOTAL				1251.80	
	Add Water Charges @ 1% except on A i.e on (1251.8 - 41.96)=				12.10	
	TOTAL				1263.90	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				171.68	
	Total				1435.58	(Y)
	Add CPOH @ 15% except on A i.e on (1263.9 - 41.96)=				209.04	

Code No	Description	Unit	Quantity	Rate	Amount
	Cost of 1.54 sqm				1644.62
	Cost of 1 sqm				1067.94
	labour cess @1%				10.68
	Rate including labour cess				1078.62
		Say Rs.	**1078.60**	**per sqm**	
9.51	**Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete.**				
9.51.1	**With 2nd class teak wood beading 62X19 mm**				
	Details of cost for a window of size				
	140x110cm=1.54sqm.				
	MATERIAL:				
	Wire gauge -20x60mm mesh 3.2mm wide =				
	1.4x1.1 m = 1.54sqm.+				
	Add wastage @ 10% = 0.15sqm.				
	Total = 1.69 sqm				
7029	Galvanised wire mesh of average width of aperture				
	1.4 mm and nominal dia of wire 0.63 mm	sqm	1.69	241.99	408.96
9999	Carriage of wire fabric	L.S.	1.82	1.80	3.28
	Second class teak wood beading				
	5mx62mmx19mm= 0.0059cum.+				
	Add wastage @ 10% = 0.00059cum.				
	Total = 0.00649cum.				
	Say 6 cudm				
1190	Second class teak wood in planks	10 cudm	6.00	628.24	376.94
2204	Carriage of timber	cum	0.006	123.51	0.74
	LABOUR:				
0112	Carpenter 2nd class	day	0.33	305.00	100.65
0114	Beldar	day	0.25	254.00	63.50
9999	Sundries	L.S.	19.76	1.80	35.57
	TOTAL				989.64
	Add Water Charges @ 1%				9.90
	TOTAL				999.53
	Add GST 12% on "X" (multiplying factor 0.1405)				140.43
	Total				1139.97 (Y)
	Add CPOH @ 15%				171.00
	Cost of 1.54 sqm				1310.96
	Cost of 1 sqm				851.28
	labour cess @1%				8.51
	Rate including labour cess				859.79
		Say Rs.	**859.80**	**per sqm**	
9.51.2	**With 12 mm mild steel U beading**				
	Details of cost for a window of size				
	140x110cm = 1.54sqm.				
	MATERIAL:				
	Wire gauge -20x60mm mesh 3.2mm wide =				
	1.4x1.1m = 1.54sqm.+				
	Add wastage @ 10% = 0.15sqm.				

Code No	Description	Unit	Quantity	Rate	Amount
	Total = 1.69 sqm				
7029	Galvanised wire mesh of average width of aperture				
	1.4 mm and nominal dia of wire 0.63 mm	sqm	1.69	241.99	408.96
9999	Carriage of wire fabric	L.S.	1.82	1.80	3.28
7349	12 mm M.S. 'U' beading	metre	5.00	13.96	69.80
	LABOUR:				
0112	Carpenter 2nd class	day	0.33	305.00	100.65
0114	Beldar	day	0.25	254.00	63.50
9999	Sundries	L.S.	19.76	1.80	35.57
	TOTAL				681.76
	Add Water Charges @ 1%				6.82
	TOTAL				688.58
	Add GST 12% on "X" (multiplying factor 0.1405)				96.74
	Total				785.32 (Y)
	Add CPOH @ 15%				117.80
	Cost of 1.54 sqm				903.12
	Cost of 1 sqm				586.44
	labour cess @1%				5.86
	Rate including labour cess				592.31
		Say Rs.	**592.30**	**per sqm**	
9.52	**Deduct for fixing 75x25 mm hard drawn steel wire fabric of weight not less than 7.75 kg per sqm in panelled and glazed door and window shutter instead of glass sheet 4 mm thick.**				
	Details of cost for 1 sqm.				
	MATERIAL:				
	Difference in cost of				
1021	Hard drawn steel wire fabric	sqm	1.00	372.29	372.29
2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	-1.00	266.19	-266.19
	TOTAL				106.10
	Add Water Charges @ 1%				1.06
	TOTAL				107.16
	Add GST 12% on "X" (multiplying factor 0.1405)				15.06
	Total				122.22 (Y)
	Add CPOH @ 15%				18.33
	Cost of 1 sqm				140.55
	labour cess @1%				1.41
	Rate including labour cess				141.96
		Say Rs.	**142.00**	**per sqm**	
9.53	**Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts,nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)**				
	Details of cost for 1 hold fast				
	MATERIAL:				

Code No	Description	Unit	Quantity	Rate	Amount	
	M.S.flat 40x5mm 40cm long @ 1.68 kg/m =					
	0.672 kg = 0.0067 qunital					
1008	Flats up to 10 mm in thickness	quintal	0.01	3420.41	22.92	
9999	Carriage of steel	L.S.	1.82	1.80	3.28	
	Cement concrete 1:3:6 30x10x15cm = 0.0045cum.+					
	Add wastage @ 10% = 0.00045cum.					
	Total = 0.00495cum.					
	Say 0.005cum					
4.2.5	Rate as per Item Number 4.2.5 of SH: Concrete work	cum	0.01	4408.70	22.04	A
9999	Bolts and nuts	L.S.	5.46	1.80	9.83	
	LABOUR:					
0103	Blacksmith 2nd class	day	0.03	305.00	9.15	
0123	Mason (brick layer) 1 st class	day	0.03	342.00	10.26	
0114	Beldar	day	0.03	254.00	7.62	
	TOTAL				85.09	
	Add Water Charges @ 1% except on A i.e on					
	(85.09 - 22.04)=				0.63	
	TOTAL				85.72	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				8.95	
	Total				94.67	(Y)
	Add CPOH @ 15% except on A i.e on					
	(85.72 - 22.04)=				10.89	
	Cost of each				105.57	
	labour cess @1%				1.06	
	Rate including labour cess				106.62	
		Say Rs.	**106.60**	**Each**		
9.54	**Providing beams including hoisting, fixing in position and applying wood preservative for the unexposed surfaces, etc. complete with:**					
9.54.1	**Sal wood**					
	Details of cost for a beam 450x30x15cm =					
	0.203cum. or 203cudm					
	MATERIAL:					
	Sal wood = 203 cudm.+					
	Add wastage @ 2% = 4.06cudm.					
	Total = 207.06cudm. Say 207.1 cudm					
1199	Sal wood in scantling	10 cudm	207.10	558.43	11565.17	
2204	Carriage of timber	cum	0.207	121.88	25.23	
	Priming coat (wood preservative)					
13.88.1	Rate as per Item Number 13.88.1 of SH: Finishing	sqm	0.54	67.40	36.40	A
	LABOUR:					
0112	Carpenter 2nd class	day	0.70	305.00	213.50	
0114	Beldar	day	1.45	254.00	368.30	
0100	Bandhani	day	0.70	270.00	189.00	
9999	Sundries	L.S.	26.91	1.80	48.44	
	TOTAL				12446.03	
	Add Water Charges @ 1% except on A i.e on					
	(12446.0321812766 - 36.396)=				124.10	

Code No	Description	Unit	Quantity	Rate	Amount	
	TOTAL				12570.13	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				1760.99	
	Total				14331.12	(Y)
	Add CPOH @ 15% except on A i.e on (12570.1285430894 - 36.396)=				2144.21	
	Cost of 0.203 cum				16475.33	
	Cost of 1 cum				81159.24	
	labour cess @1%				811.59	
	Rate including labour cess				81970.84	
		Say Rs.	**81970.80**	**per cum**		
9.54	**Providing beams including hoisting, fixing in position and applying wood preservative for the unexposed surfaces, etc. complete with:**					
9.54.2	**Hollock wood**					
	Details of cost for a beam 450x30x15cm = 0.203cum. or 203cudm					
	MATERIAL:					
	Hollock wood = 203 cudm.+					
	Add wastage @ 2% = 4.06cudm.					
	Total = 207.06cudm. Say 207.1 cudm					
2466	Hollock wood in scantling	10 cudm	207.10	316.45	6553.60	
2204	Carriage of timber	cum	0.207	121.88	25.23	
	Priming coat (wood preservative)					
13.88.1	Rate as per Item Number 13.88.1 of SH: Finishing	sqm	0.54	67.40	36.40	A
	LABOUR:					
0112	Carpenter 2nd class	day	0.70	305.00	213.50	
0114	Beldar	day	1.45	254.00	368.30	
0100	Bandhani	day	0.70	270.00	189.00	
9999	Sundries	L.S.	26.91	1.80	48.44	
	TOTAL				7434.46	
	Add Water Charges @ 1% except on A i.e on (7434.4589387234 - 36.396)=				73.98	
	TOTAL				7508.44	
	Add GST 12% on "X" except "A"(multiplying factor 0.1405)				1049.82	
	Total				8558.26	(Y)
	Add CPOH @ 15% except on A i.e on (7508.43956811064 - 36.396)=				1278.28	
	Cost of 0.203 cum				9836.54	
	Cost of 1 cum				48455.87	
	labour cess @1%				484.56	
	Rate including labour cess				48940.43	
		Say Rs.	**48940.40**	**per cum**		
9.55	**Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete:**					
9.55.1	**125x65x2.12 mm**					
	Details of cost for ten hinges.					

Code No	Description	Unit	Quantity	Rate	Amount
	MATERIAL:				
0594	Bright finished or black enameled mild steel				
	butt hinges 125x65x2.12 mm	10 Nos	10.00	130.30	130.30
0635	Bright finished or black enameled mild steel screws				
	50 mm	100 Nos	80.00	71.67	57.33
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				258.11
	Add Water Charges @ 1%				2.58
	TOTAL				260.69
	Add GST 12% on "X" (multiplying factor 0.1405)				36.63
	Total				297.32 (Y)
	Add CPOH @ 15%				44.60
	Cost of 10 nos				341.91
	Cost of each				34.19
	labour cess @1%				0.34
	Rate including labour cess				34.53
		Say Rs.	**34.50**	**Each**	
9.55.2	**100x58x1.90 mm**				
	Details of cost for ten hinges.				
	MATERIAL:				
0595	Bright finished or black enameled mild steel				
	butt hinges 100x58x1.90 mm	10 Nos	10.00	79.11	79.11
0637	Bright finished or black enameled mild steel				
	screws 40 mm	100 Nos	80.00	58.64	46.91
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				196.49
	Add Water Charges @ 1%				1.96
	TOTAL				198.46
	Add GST 12% on "X" (multiplying factor 0.1405)				27.88
	Total				226.34 (Y)
	Add CPOH @ 15%				33.95
	Cost of 10 nos				260.29
	Cost of each				26.03
	labour cess @1%				0.26
	Rate including labour cess				26.29
		Say Rs.	**26.30**	**Each**	
9.55.3	**75x47x1.70 mm**				
	Details of cost for ten hinges.				
	MATERIAL:				
0596	Bright finished or black enameled mild steel butt				
	hinges 75x47x1.70 mm	10 Nos	10.00	55.84	55.84
0638	Bright finished or black enameled mild steel				
	screws 30 mm	100 Nos	60.00	46.54	27.92
9999	Carriage of material	L.S.	1.82	1.80	3.28

Code No	Description	Unit	Quantity	Rate	Amount
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				152.60
	Add Water Charges @ 1%				1.53
	TOTAL				154.13
	Add GST 12% on "X" (multiplying factor 0.1405)				21.65
	Total				175.78 (Y)
	Add CPOH @ 15%				26.37
	Cost of 10 nos				202.15
	Cost of each				20.21
	labour cess @1%				0.20
	Rate including labour cess				20.42
		Say Rs.	**20.40**	**Each**	
9.55.4	**50x37x1.50 mm**				
	Details of cost for ten hinges.				
	MATERIAL:				
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	10.00	46.54	46.54
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	40.00	29.78	11.91
9999	Carriage of material	L.S.	0.91	1.80	1.64
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	305.00	24.40
	TOTAL				84.49
	Add Water Charges @ 1%				0.84
	TOTAL				85.33
	Add GST 12% on "X" (multiplying factor 0.1405)				11.99
	Total				97.32 (Y)
	Add CPOH @ 15%				14.60
	Cost of 10 nos				111.92
	Cost of each				11.19
	labour cess @1%				0.11
	Rate including labour cess				11.30
		Say Rs.	**11.30**	**Each**	
9.56	**Providing and fixing ISI marked, IS : 1341, M.S. heavy weight butt hinges with necessary screws etc. complete :**				
9.56.1	**125x90x4.00 mm**				
	Details of cost for ten hinges.				
	MATERIAL:				
8222	M.S. heavy weight butt hinges 125x90x4.0 mm IS: 1341 marked.	10 Nos	10.00	186.14	186.14
0635	Bright finished or black enameled mild steel screws 50 mm	100 Nos	80.00	71.67	57.33
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				313.95
	Add Water Charges @ 1%				3.14
	TOTAL				317.09
	Add GST 12% on "X" (multiplying factor 0.1405)				44.55
	Total				361.64 (Y)
	Add CPOH @ 15%				54.25
	Cost of 10 nos				415.89
	Cost of each				41.59
	labour cess @1%				0.42
	Rate including labour cess				42.00
		Say Rs.	**42.00**	**Each**	
9.56					
	Providing and fixing ISI marked, IS : 1341, M.S. heavy weight butt hinges with necessary screws etc.complete :				
9.56.2	**100x75x3.50 mm**				
	Details of cost for ten hinges.				
	MATERIAL:				
8223	M.S. heavy weight butt hinges 100x75x3.5 mm IS:				
	1341 marked	10 Nos	10.00	139.61	139.61
0637	Bright finished or black enameled mild steel screws				
	40 mm	100 Nos	80.00	58.64	46.91
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				256.99
	Add Water Charges @ 1%				2.57
	TOTAL				259.56
	Add GST 12% on "X" (multiplying factor 0.1405)				36.47
	Total				296.03 (Y)
	Add CPOH @ 15%				44.40
	Cost of 10 nos				340.43
	Cost of each				34.04
	labour cess @1%				0.34
	Rate including labour cess				34.38
		Say Rs.	**34.40**	**Each**	
9.56.3	**75x60x3.10 mm**				
	Details of cost for ten hinges.				
	MATERIAL:				
8224	M.S. heavy weight butt hinges 75x60x3.1 mm IS:				
	1341 marked	10 Nos	10.00	83.77	83.77
0638	Bright finished or black enameled mild steel screws				
	30 mm	100 Nos	60.00	46.54	27.92
9999	Carriage of material	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				180.52
	Add Water Charges @ 1%				1.81

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				182.33
	Add GST 12% on "X" (multiplying factor 0.1405)				25.62
	Total				207.95 (Y)
	Add CPOH @ 15%				31.19
	Cost of 10 nos				239.14
	Cost of each				23.91
	labour cess @1%				0.24
	Rate including labour cess				24.15
		Say Rs.	**24.20**	**Each**	
9.56.4	**50x40x2.50 mm**				
	Details of cost for ten hinges.				
	MATERIAL:				
8225	M.S. heavy weight butt hinges 50x40x2.5 mm IS :				
	1341 marked	10 Nos	10.00	69.80	69.80
0640	Bright finished or black enameled mild steel screws				
	20 mm	100 Nos	40.00	29.78	11.91
9999	Carriage of material	L.S.	0.91	1.80	1.64
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	305.00	24.40
	TOTAL				107.76
	Add Water Charges @ 1%				1.08
	TOTAL				108.83
	Add GST 12% on "X" (multiplying factor 0.1405)				15.29
	Total				124.12 (Y)
	Add CPOH @ 15%				18.62
	Cost of 10 nos				142.74
	Cost of each				14.27
	labour cess @1%				0.14
	Rate including labour cess				14.42
		Say Rs.	**14.40**	**Each**	
9.57	**Providing and fixing ISI marked oxidised M.S. pressed butt hinges with necessary screws etc. complete.**				
9.57.1	**125x65x2.12 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0642	Oxidised mild steel butt hinges 125x65x2.12 mm	10 Nos	10.00	130.30	130.30
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	71.67	57.33
9999	Carriage of material	L.S.	3.64	1.80	6.55
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				259.75
	Add Water Charges @ 1%				2.60
	TOTAL				262.34
	Add GST 12% on "X" (multiplying factor 0.1405)				36.86
	Total				299.20 (Y)
	Add CPOH @ 15%				44.88
	Cost of 10 nos				344.08
	Cost of each				34.41

Code No	Description	Unit	Quantity	Rate	Amount
	labour cess @1%				0.34
	Rate including labour cess				34.75
		Say Rs.	**34.80**	**Each**	
9.57.2	**100x58x1.90 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0643	Oxidised mild steel butt hinges 100x58x1.90 mm	10 Nos	10.00	83.77	83.77
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	58.64	46.91
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				201.15
	Add Water Charges @ 1%				2.01
	TOTAL				203.16
	Add GST 12% on "X" (multiplying factor 0.1405)				28.54
	Total				231.70 (Y)
	Add CPOH @ 15%				34.76
	Cost of 10 nos				266.46
	Cost of each				26.65
	labour cess @1%				0.27
	Rate including labour cess				26.91
		Say Rs.	**26.90**	**Each**	
9.57.3	**75x47x1.70 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0644	Oxidised mild steel butt hinges 75x47x1.70 mm	10 Nos	10.00	60.50	60.50
0684	Oxidised mild steel screws 30 mm	100 Nos	60.00	46.54	27.92
9999	Carriage of material	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				157.25
	Add Water Charges @ 1%				1.57
	TOTAL				158.83
	Add GST 12% on "X" (multiplying factor 0.1405)				22.32
	Total				181.14 (Y)
	Add CPOH @ 15%				27.17
	Cost of 10 nos				208.31
	Cost of each				20.83
	labour cess @1%				0.21
	Rate including labour cess				21.04
		Say Rs.	**21.00**	**Each**	
9.57.4	**50x37x1.50 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0645	Oxidised mild steel butt hinges 50x37x1.50 mm	10 Nos	10.00	51.19	51.19
0686	Oxidised mild steel screws 20 mm	100 Nos	40.00	29.78	11.91
9999	Carriage of material	L.S.	0.91	1.80	1.64

Code No	Description	Unit	Quantity	Rate	Amount
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	305.00	24.40
	TOTAL				89.14
	Add Water Charges @ 1%				0.89
	TOTAL				90.03
	Add GST 12% on "X" (multiplying factor 0.1405)				12.65
	Total				102.68 (Y)
	Add CPOH @ 15%				15.40
	Cost of 10 nos				118.08
	Cost of each				11.81
	labour cess @1%				0.12
	Rate including labour cess				11.93
		Say Rs.	**11.90**	**Each**	
9.58	**Providing and fixing ISI marked oxidised M.S. pressed Parliamentary hinges with necessary screws etc. complete:**				
9.58.1	**150x125x27x2.80 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0646	Oxidised mild steel parliamentary hinges				
	150x125x27x2.8 mm	10 Nos	10.00	316.45	316.45
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	58.64	46.91
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				446.53
	Add Water Charges @ 1%				4.47
	TOTAL				450.99
	Add GST 12% on "X" (multiplying factor 0.1405)				63.36
	Total				514.36 (Y)
	Add CPOH @ 15%				77.15
	Cost of 10 nos				591.51
	Cost of each				59.15
	labour cess @1%				0.59
	Rate including labour cess				59.74
		Say Rs.	**59.70**	**Each**	
9.58.2	**125x125x27x2.80 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0647	Oxidised mild steel parliamentary hinges				
	125x125x27x2.8 mm	10 Nos	10.00	293.18	293.18
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	58.64	46.91
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				423.26
	Add Water Charges @ 1%				4.23

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				427.49
	Add GST 12% on "X" (multiplying factor 0.1405)				60.06
	Total				487.56 (Y)
	Add CPOH @ 15%				73.13
	Cost of 10 nos				560.69
	Cost of each				56.07
	labour cess @1%				0.56
	Rate including labour cess				56.63
		Say Rs.	**56.60**	**Each**	
9.58.3	**100x125x27x2.80 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0648	Oxidised mild steel parliamentary hinges				
	100x125x27x2.8 mm	10 Nos	10.00	218.72	218.72
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	58.64	46.91
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				348.80
	Add Water Charges @ 1%				3.49
	TOTAL				352.29
	Add GST 12% on "X" (multiplying factor 0.1405)				49.50
	Total				401.79 (Y)
	Add CPOH @ 15%				60.27
	Cost of 10 nos				462.06
	Cost of each				46.21
	labour cess @1%				0.46
	Rate including labour cess				46.67
		Say Rs.	**46.70**	**Each**	
9.58.4	**75x100x20x2.24 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0649	Oxidised mild steel parliamentary hinges				
	75x100x20x2.24 mm	10 Nos	10.00	186.14	186.14
0684	Oxidised mild steel screws 30 mm	100 Nos	60.00	46.54	27.92
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				297.24
	Add Water Charges @ 1%				2.97
	TOTAL				300.21
	Add GST 12% on "X" (multiplying factor 0.1405)				42.18
	Total				342.39 (Y)
	Add CPOH @ 15%				51.36
	Cost of 10 nos				393.75
	Cost of each				39.38
	labour cess @1%				0.39
	Rate including labour cess				39.77

Code No	Description	Unit	Quantity	Rate	Amount
		Say Rs.	**39.80**	**Each**	
9.59	**Providing and fixing ISI marked oxidised M.S. single acting spring hinges with necessary screws etc.complete:**				
9.59.1	**150 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0650	Oxidised mild steel single acting spring hinges 150 mm	each	10.00	130.30	1303.01
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	71.67	57.33
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	305.00	122.00
0114	Beldar	day	0.20	254.00	50.80
	TOTAL				1538.06
	Add Water Charges @ 1%				15.38
	TOTAL				1553.44
	Add GST 12% on "X" (multiplying factor 0.1405)				218.26
	Total				1771.70 (Y)
	Add CPOH @ 15%				265.75
	Cost of 10 nos				2037.45
	Cost of each				203.75
	labour cess @1%				2.04
	Rate including labour cess				205.78
		Say Rs.	**205.80**	**Each**	
9.59.2	**125 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0651	Oxidised mild steel single acting spring hinges 125 mm	each	10.00	111.69	1116.87
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	71.67	57.33
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	305.00	122.00
0114	Beldar	day	0.20	254.00	50.80
	TOTAL				1351.91
	Add Water Charges @ 1%				13.52
	TOTAL				1365.43
	Add GST 12% on "X" (multiplying factor 0.1405)				191.84
	Total				1557.28 (Y)
	Add CPOH @ 15%				233.59
	Cost of 10 nos				1790.87
	Cost of each				179.09
	labour cess @1%				1.79
	Rate including labour cess				180.88
		Say Rs.	**180.90**	**Each**	
9.59.3	**100 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0652	Oxidised mild steel single acting spring hinges				

Code No	Description	Unit	Quantity	Rate	Amount
	100 mm	each	10.00	93.07	930.72
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	58.64	46.91
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	305.00	122.00
0114	Beldar	day	0.20	254.00	50.80
	TOTAL				1155.35
	Add Water Charges @ 1%				11.55
	TOTAL				1166.90
	Add GST 12% on "X" (multiplying factor 0.1405)				163.95
	Total				1330.85 (Y)
	Add CPOH @ 15%				199.63
	Cost of 10 nos				1530.48
	Cost of each				153.05
	labour cess @1%				1.53
	Rate including labour cess				154.58
		Say Rs.	**154.60**	**Each**	
9.60	**Providing and fixing oxidised M.S. double acting spring hinges with necessary screws etc. complete.**				
9.60.1	**150 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0653	Oxidised mild steel double acting spring hinges				
	150 mm	each	10.00	148.92	1489.16
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	71.67	57.33
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	305.00	122.00
0114	Beldar	day	0.20	254.00	50.80
	TOTAL				1724.20
	Add Water Charges @ 1%				17.24
	TOTAL				1741.45
	Add GST 12% on "X" (multiplying factor 0.1405)				244.67
	Total				1986.12 (Y)
	Add CPOH @ 15%				297.92
	Cost of 10 nos				2284.04
	Cost of each				228.40
	labour cess @1%				2.28
	Rate including labour cess				230.69
		Say Rs.	**230.70**	**Each**	
9.60.2	**125 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0654	Oxidised mild steel double acting spring hinges				
	125 mm	each	10.00	130.30	1303.01
0682	Oxidised mild steel screws 50 mm	100 Nos	80.00	71.67	57.33
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	305.00	122.00

Code No	Description	Unit	Quantity	Rate	Amount
0114	Beldar	day	0.20	254.00	50.80
	TOTAL				1538.06
	Add Water Charges @ 1%				15.38
	TOTAL				1553.44
	Add GST 12% on "X" (multiplying factor 0.1405)				218.26
	Total				1771.70 (Y)
	Add CPOH @ 15%				265.75
	Cost of 10 nos				2037.45
	Cost of each				203.75
	labour cess @1%				2.04
	Rate including labour cess				205.78
		Say Rs.	**205.80**	**Each**	
9.60.3	**100 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0655	Oxidised mild steel double acting spring hinges				
	100 mm	each	10.00	111.69	1116.87
0683	Oxidised mild steel screws 40 mm	100 Nos	80.00	58.64	46.91
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.40	305.00	122.00
0114	Beldar	day	0.20	254.00	50.80
	TOTAL				1341.49
	Add Water Charges @ 1%				13.41
	TOTAL				1354.91
	Add GST 12% on "X" (multiplying factor 0.1405)				190.36
	Total				1545.27 (Y)
	Add CPOH @ 15%				231.79
	Cost of 10 nos				1777.06
	Cost of each				177.71
	labour cess @1%				1.78
	Rate including labour cess				179.48
		Say Rs.	**179.50**	**Each**	
9.61	**Providing M.S. Piano hinges ISI marked IS : 3818 finished with nickel plating and fixing with necessary screws etc., complete.**				
9.61.1	**Overall width 35 mm**				
	Details of cost for 1 metre				
	MATERIAL:				
0656	Nickel plated MS piano hinges 1mm thick 35mm wide				
	35 mm (Over all width)	metre	1.00	41.88	41.88
0686	Oxidised mild steel screws 20 mm	100 Nos	30.00	29.78	8.93
9999	Carriage of material	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				119.65
	Add Water Charges @ 1%				1.20

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				120.85
	Add GST 12% on "X" (multiplying factor 0.1405)				16.98
	Total				137.83 (Y)
	Add CPOH @ 15%				20.67
	Cost of 1 metre				158.50
	labour cess @1%				1.59
	Rate including labour cess				160.09
		Say Rs.	**160.10**	**Per metre**	
9.61.2	**Overall width 50 mm**				
	Details of cost for 1 metre				
	MATERIAL:				
7485	Oxidised M. S. hinges finished with nickel plating				
	50 mm (Over all width)	metre	1.00	39.09	39.09
0686	Oxidised mild steel screws 20 mm	100 Nos	30.00	29.78	8.93
9999	Carriage of material	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				116.86
	Add Water Charges @ 1%				1.17
	TOTAL				118.03
	Add GST 12% on "X" (multiplying factor 0.1405)				16.58
	Total				134.61 (Y)
	Add CPOH @ 15%				20.19
	Cost of 1 metre				154.81
	labour cess @1%				1.55
	Rate including labour cess				156.35
		Say Rs.	**156.40**	**Per metre**	
9.61.3	**Overall width 65 mm**				
	Details of cost for 1 metre				
	MATERIAL:				
7486	Oxidised M. S. hinges finished with nickel plating				
	65 mm (Over all width)	metre	1.00	51.19	51.19
0686	Oxidised mild steel screws 20 mm	100 Nos	30.00	29.78	8.93
9999	Carriage of material	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				128.96
	Add Water Charges @ 1%				1.29
	TOTAL				130.25
	Add GST 12% on "X" (multiplying factor 0.1405)				18.30
	Total				148.55 (Y)
	Add CPOH @ 15%				22.28
	Cost of 1 metre				170.83
	labour cess @1%				1.71
	Rate including labour cess				172.54
		Say Rs.	**172.50**	**Per metre**	

Code No	Description	Unit	Quantity	Rate	Amount
9.62	**Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :**				
9.62.1	**300x16 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0660	Oxidised mild steel sliding door bolt 300x16 mm	each	10.00	88.42	884.19
7040	Oxidised mild steel screws 35 mm	100 Nos	120.00	46.54	55.84
0641	Bright finished or black enameled mild steel bolts and nuts 50x6 mm	each	40.00	4.65	186.14
9999	Carriage of materials & sundries	L.S.	6.37	1.80	11.47
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	305.00	76.25
	TOTAL				1213.89
	Add Water Charges @ 1%				12.14
	TOTAL				1226.03
	Add GST 12% on "X" (multiplying factor 0.1405)				172.26
	Total				1398.29 (Y)
	Add CPOH @ 15%				209.74
	Cost of 10 nos				1608.03
	Cost of each				160.80
	labour cess @1%				1.61
	Rate including labour cess				162.41
		Say Rs.	**162.40**	**Each**	
9.62	**Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :**				
9.62.2	**250x16 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0661	Oxidised mild steel sliding door bolt 250x16 mm	each	10.00	79.11	791.11
7040	Oxidised mild steel screws 35 mm	100 Nos	100.00	46.54	46.54
0641	Bright finished or black enameled mild steel bolts and nuts 50x6 mm	each	40.00	4.65	186.14
9999	Carriage of materials & sundries	L.S.	6.37	1.80	11.47
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	305.00	76.25
	TOTAL				1111.51
	Add Water Charges @ 1%				11.12
	TOTAL				1122.63
	Add GST 12% on "X" (multiplying factor 0.1405)				157.73
	Total				1280.36 (Y)
	Add CPOH @ 15%				192.05
	Cost of 10 nos				1472.41
	Cost of each				147.24
	labour cess @1%				1.47
	Rate including labour cess				148.71
		Say Rs.	**148.70**	**Each**	

Code No	Description	Unit	Quantity	Rate	Amount
9.63	**Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:**				
9.63.1	**250x10 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0664	Oxidised mild steel tower bolt (barrel type)				
	250x10 mm	each	10.00	41.88	418.83
0684	Oxidised mild steel screws 30 mm	100 Nos	100.00	46.54	46.54
9999	Carriage of material	L.S.	3.64	1.80	6.55
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	305.00	30.50
	TOTAL				502.41
	Add Water Charges @ 1%				5.02
	TOTAL				507.44
	Add GST 12% on "X" (multiplying factor 0.1405)				71.30
	Total				578.73 (Y)
	Add CPOH @ 15%				86.81
	Cost of 10 nos				665.54
	Cost of each				66.55
	labour cess @1%				0.67
	Rate including labour cess				67.22
		Say Rs.	**67.20**	**Each**	
9.63.2	**200x10 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0665	Oxidised mild steel tower bolt (barrel type)				
	200x10 mm	each	10.00	32.58	325.75
0684	Oxidised mild steel screws 30 mm	100 Nos	80.00	46.54	37.23
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	305.00	30.50
	TOTAL				398.40
	Add Water Charges @ 1%				3.98
	TOTAL				402.38
	Add GST 12% on "X" (multiplying factor 0.1405)				56.53
	Total				458.91 (Y)
	Add CPOH @ 15%				68.84
	Cost of 10 nos				527.75
	Cost of each				52.78
	labour cess @1%				0.53
	Rate including labour cess				53.30
		Say Rs.	**53.30**	**Each**	
9.63.3	**150x10 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0666	Oxidised mild steel tower bolt (barrel type)				
	150x10 mm	each	10.00	27.92	279.22
0684	Oxidised mild steel screws 30 mm	100 Nos	60.00	46.54	27.92

Code No	Description	Unit	Quantity	Rate	Amount
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	305.00	30.50
	TOTAL				342.55
	Add Water Charges @ 1%				3.43
	TOTAL				345.98
	Add GST 12% on "X" (multiplying factor 0.1405)				48.61
	Total				394.59 (Y)
	Add CPOH @ 15%				59.19
	Cost of 10 nos				453.78
	Cost of each				45.38
	labour cess @1%				0.45
	Rate including labour cess				45.83
		Say Rs.	**45.80**	**Each**	
9.63.4	**100x10 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0667	Oxidised mild steel tower bolt (barrel type)				
	100x10 mm	each	10.00	18.61	186.14
0684	Oxidised mild steel screws 30 mm	100 Nos	60.00	46.54	27.92
9999	Carriage of material	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	305.00	24.40
	TOTAL				243.38
	Add Water Charges @ 1%				2.43
	TOTAL				245.81
	Add GST 12% on "X" (multiplying factor 0.1405)				34.54
	Total				280.35 (Y)
	Add CPOH @ 15%				42.05
	Cost of 10 nos				322.40
	Cost of each				32.24
	labour cess @1%				0.32
	Rate including labour cess				32.56
		Say Rs.	**32.60**	**Each**	
9.64	**Providing and fixing ISI marked 85x42mm oxidised M.S. pull bolt lock conforming to IS : 7534 with necessary screws bolts, nut and washers etc. complete.**				
	Details of cost for 10 nos.				
	MATERIAL:				
2449	Oxidised mild steel pull bolt lock (locking bolt) of size 85 mm x 42 mm with screws, bolts, nuts and washers complete	each	10.00	51.19	511.90
9999	Carriage of material & sundries	L.S.	6.37	1.80	11.47
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	305.00	76.25
	TOTAL				599.61
	Add Water Charges @ 1%				6.00
	TOTAL				605.61

Code No	Description	Unit	Quantity	Rate	Amount
	Add GST 12% on "X" (multiplying factor 0.1405)				85.09
	Total				690.70 (Y)
	Add CPOH @ 15%				103.60
	Cost of 10 nos				794.30
	Cost of each				79.43
	labour cess @1%				0.79
	Rate including labour cess				80.22
		Say Rs.	**80.20**	**Each**	
9.65	**Providing and fixing ISI marked oxidised MS door latches conforming to IS : 5930 with screws etc.complete.**				
9.65.1	**300x20x6 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0662	Oxidised mild steel door latch 300x20x6 mm	each	10.00	46.54	465.36
0685	Oxidised mild steel screws 25 mm	100 Nos	90.00	34.44	30.99
9999	Carriage of materials	L.S.	3.64	1.80	6.55
	LABOUR:				
0112	Carpenter 2nd class	day	0.12	305.00	36.60
	TOTAL				539.51
	Add Water Charges @ 1%				5.40
	TOTAL				544.90
	Add GST 12% on "X" (multiplying factor 0.1405)				76.56
	Total				621.46 (Y)
	Add CPOH @ 15%				93.22
	Cost of 10 nos				714.68
	Cost of each				71.47
	labour cess @1%				0.71
	Rate including labour cess				72.18
		Say Rs.	**72.20**	**Each**	
9.65.2	**250x20x6 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0663	Oxidised mild steel door latch 250x20x6 mm	each	10.00	37.23	372.29
0685	Oxidised mild steel screws 25 mm	100 Nos	90.00	34.44	30.99
9999	Carriage of materials	L.S.	3.64	1.80	6.55
	LABOUR:				
0112	Carpenter 2nd class	day	0.12	305.00	36.60
	TOTAL				446.43
	Add Water Charges @ 1%				4.46
	TOTAL				450.90
	Add GST 12% on "X" (multiplying factor 0.1405)				63.35
	Total				514.25 (Y)
	Add CPOH @ 15%				77.14
	Cost of 10 nos				591.39
	Cost of each				59.14
	labour cess @1%				0.59
	Rate including labour cess				59.73
		Say Rs.	**59.70**	**Each**	
9.66	**Providing and fixing ISI marked oxidised M.S. handles conforming to IS :4992 with necessary screws etc. complete:**				
9.66.1	**125 mm**				

Code No	Description	Unit	Quantity	Rate	Amount
	Details of cost for 10 nos.				
	MATERIAL:				
0668	Oxidised mild steel handles 125 mm	each	10.00	18.61	186.14
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	34.44	13.77
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.06	305.00	18.30
	TOTAL				223.13
	Add Water Charges @ 1%				2.23
	TOTAL				225.36
	Add GST 12% on "X" (multiplying factor 0.1405)				31.66
	Total				257.03 (Y)
	Add CPOH @ 15%				38.55
	Cost of 10 nos				295.58
	Cost of each				29.56
	labour cess @1%				0.30
	Rate including labour cess				29.85
		Say Rs.	**29.90**	**Each**	
9.66.2	**100 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0669	Oxidised mild steel handles 100 mm	each	10.00	13.96	139.61
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	34.44	13.77
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.06	305.00	18.30
	TOTAL				174.96
	Add Water Charges @ 1%				1.75
	TOTAL				176.71
	Add GST 12% on "X" (multiplying factor 0.1405)				24.83
	Total				201.54 (Y)
	Add CPOH @ 15%				30.23
	Cost of 10 nos				231.77
	Cost of each				23.18
	labour cess @1%				0.23
	Rate including labour cess				23.41
		Say Rs.	**23.40**	**Each**	
9.66.3	**75 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0670	Oxidised mild steel handles 75 mm	each	10.00	11.17	111.69
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	34.44	13.77
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.06	305.00	18.30
	TOTAL				147.04
	Add Water Charges @ 1%				1.47
	TOTAL				148.51
	Add GST 12% on "X" (multiplying factor 0.1405)				20.87
	Total				169.37 (Y)
	Add CPOH @ 15%				25.41
	Cost of 10 nos				194.78
	Cost of each				19.48
	labour cess @1%				0.19
	Rate including labour cess				19.67
		Say Rs.	**19.70**	**Each**	

Code No	Description	Unit	Quantity	Rate	Amount
9.67	**Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete:**				
9.67.1	**150 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0679	Oxidised mild steel hasps and staples (safety type)				
	150 mm	10 Nos	10.00	120.99	120.99
0685	Oxidised mild steel screws 25 mm	100 Nos	80.00	34.44	27.55
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	305.00	24.40
	TOTAL				176.22
	Add Water Charges @ 1%				1.76
	TOTAL				177.98
	Add GST 12% on "X" (multiplying factor 0.1405)				25.01
	Total				202.99 (Y)
	Add CPOH @ 15%				30.45
	Cost of 10 nos				233.44
	Cost of each				23.34
	labour cess @1%				0.23
	Rate including labour cess				23.58
		Say Rs.	**23.60**	**Each**	
9.67.2	**115 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0680	Oxidised mild steel hasps and staples (safety type)				
	115 mm	10 Nos	10.00	102.38	102.38
0685	Oxidised mild steel screws 25 mm	100 Nos	70.00	34.44	24.11
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	305.00	24.40
	TOTAL				154.16
	Add Water Charges @ 1%				1.54
	TOTAL				155.70
	Add GST 12% on "X" (multiplying factor 0.1405)				21.88
	Total				177.58 (Y)
	Add CPOH @ 15%				26.64
	Cost of 10 nos				204.22
	Cost of each				20.42
	labour cess @1%				0.20
	Rate including labour cess				20.63
		Say Rs.	**20.60**	**Each**	
9.67.3	**90 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0681	Oxidised mild steel hasps and staples (safety type)				
	90 mm	10 Nos	10.00	74.46	74.46
0685	Oxidised mild steel screws 25 mm	100 Nos	70.00	34.44	24.11
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	305.00	24.40
	TOTAL				126.24
	Add Water Charges @ 1%				1.26
	TOTAL				127.50

Code No	Description	Unit	Quantity	Rate	Amount
	Add GST 12% on "X" (multiplying factor 0.1405)				17.91
	Total				145.42 (Y)
	Add CPOH @ 15%				21.81
	Cost of 10 nos				167.23
	Cost of each				16.72
	labour cess @1%				0.17
	Rate including labour cess				16.89
		Say Rs.	**16.90**	**Each**	
9.68	**Providing and fixing oxidised M.S. casement stays (straight peg type) with necessary screws etc.complete.**				
9.68.1	**300 mm weighing not less than 200 gms**				
	Details of cost for 10 nos.				
	MATERIAL:				
7063	Oxidised M.S.casement stay (straight peg type)				
	300 mm not less than 0.33 kg	each	10.00	18.61	186.14
0684	Oxidised mild steel screws 30 mm	100 Nos	40.00	46.54	18.61
9999	Carriage of materials	L.S.	0.91	1.80	1.64
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	305.00	30.50
	TOTAL				236.90
	Add Water Charges @ 1%				2.37
	TOTAL				239.27
	Add GST 12% on "X" (multiplying factor 0.1405)				33.62
	Total				272.88 (Y)
	Add CPOH @ 15%				40.93
	Cost of 10 nos				313.82
	Cost of each				31.38
	labour cess @1%				0.31
	Rate including labour cess				31.70
		Say Rs.	**31.70**	**Each**	
9.68.2	**250 mm weighing not less than 150 gms**				
	Details of cost for 10 nos.				
	MATERIAL:				
7064	Oxidised M.S.casement stay (straight peg type)				
	250 mm not less than 0.28 kg	each	10.00	15.82	158.22
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	34.44	13.77
9999	Carriage of materials	L.S.	0.91	1.80	1.64
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	305.00	30.50
	TOTAL				204.14
	Add Water Charges @ 1%				2.04
	TOTAL				206.18
	Add GST 12% on "X" (multiplying factor 0.1405)				28.97
	Total				235.14 (Y)
	Add CPOH @ 15%				35.27
	Cost of 10 nos				270.42
	Cost of each				27.04
	labour cess @1%				0.27
	Rate including labour cess				27.31
		Say Rs.	**27.30**	**Each**	
9.68.3	**200 mm weighing not less than 120 gms**				
	Details of cost for 10 nos.				

Code No	Description	Unit	Quantity	Rate	Amount
	MATERIAL:				
7065	Oxidised M.S. casement stay (straight peg type)				
	200 mm not less than 0.24 kg	each	10.00	13.03	130.30
0685	Oxidised mild steel screws 25 mm	100 Nos	40.00	34.44	13.77
9999	Carriage of materials	L.S.	0.91	1.80	1.64
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	305.00	30.50
	TOTAL				176.21
	Add Water Charges @ 1%				1.76
	TOTAL				177.98
	Add GST 12% on "X" (multiplying factor 0.1405)				25.01
	Total				202.98 (Y)
	Add CPOH @ 15%				30.45
	Cost of 10 nos				233.43
	Cost of each				23.34
	labour cess @1%				0.23
	Rate including labour cess				23.58
		Say Rs.	**23.60**	**Each**	
9.69	**Providing and fixing oxidised M.S. Safety chain with necessary fixtures for doors, (weighting not less than 450 gms).**				
	Details of cost for 10 nos.				
	MATERIAL:				
7184	Oxidised M.S. safety chain (weighing not less than				
	450 gms) for door	each	10.00	55.84	558.43
0685	Oxidised mild steel screws 25 mm	100 Nos	60.00	34.44	20.66
9999	Carriage of materials	L.S.	0.91	1.80	1.64
	LABOUR:				
0112	Carpenter 2nd class	day	0.10	305.00	30.50
	TOTAL				611.23
	Add Water Charges @ 1%				6.11
	TOTAL				617.35
	Add GST 12% on "X" (multiplying factor 0.1405)				86.74
	Total				704.08 (Y)
	Add CPOH @ 15%				105.61
	Cost of 10 nos				809.70
	Cost of each				80.97
	labour cess @1%				0.81
	Rate including labour cess				81.78
		Say Rs.	**81.80**	**Each**	
9.70	**Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc.complete:**				
9.70.1	**125x64x1.90 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
8215	Stainless steel butt hinges 125x64x1.9 mm IS :12817 marked	10 Nos	10.00	232.68	232.68
8210	Stainless steel screws 50 mm	100 Nos	80.00	241.99	193.59
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				496.75
	Add Water Charges @ 1%				4.97
	TOTAL				501.71
	Add GST 12% on "X" (multiplying factor 0.1405)				70.49
	Total				572.20 (Y)
	Add CPOH @ 15%				85.83
	Cost of 10 nos				658.03
	Cost of each				65.80
	labour cess @1%				0.66
	Rate including labour cess				66.46
		Say Rs.	**66.50**	**Each**	
9.70.2	**100X58X1.90 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
8216	Stainless steel butt hinges 100x58x1.9 mm IS: 12817 marked	10 Nos	10.00	214.07	214.07
8211	Stainless steel screws 40 mm	100 Nos	80.00	193.59	154.87
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				439.41
	Add Water Charges @ 1%				4.39
	TOTAL				443.81
	Add GST 12% on "X" (multiplying factor 0.1405)				62.35
	Total				506.16 (Y)
	Add CPOH @ 15%				75.92
	Cost of 10 nos				582.09
	Cost of each				58.21
	labour cess @1%				0.58
	Rate including labour cess				58.79
		Say Rs.	**58.80**	**Each**	
9.70.3	**75x47x1.80 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
8217	Stainless steel butt hinges 75x47x1.8 mm IS : 12817 marked	10 Nos	10.00	139.61	139.61
8212	Stainless steel screws 30 mm	100 Nos	60.00	167.53	100.52
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				308.96
	Add Water Charges @ 1%				3.09
	TOTAL				312.05
	Add GST 12% on "X" (multiplying factor 0.1405)				43.84
	Total				355.90 (Y)
	Add CPOH @ 15%				53.38
	Cost of 10 nos				409.28
	Cost of each				40.93
	labour cess @1%				0.41
	Rate including labour cess				41.34
		Say Rs.	**41.30**	**Each**	
9.70.4	**50x37x1.50 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
8218	Stainless steel butt hinges 50x37x1.5 mm IS :				

Code No	Description	Unit	Quantity	Rate	Amount
	12817 marked	10 Nos	10.00	120.99	120.99
8214	Stainless steel screws 20 mm	100 Nos	40.00	111.69	44.67
9999	Carriage of materials	L.S.	0.91	1.80	1.64
	LABOUR:				
0112	Carpenter 2nd class	day	0.08	305.00	24.40
	TOTAL				191.71
	Add Water Charges @ 1%				1.92
	TOTAL				193.62
	Add GST 12% on "X" (multiplying factor 0.1405)				27.20
	Total				220.83 (Y)
	Add CPOH @ 15%				33.12
	Cost of 10 nos				253.95
	Cost of each				25.40
	labour cess @1%				0.25
	Rate including labour cess				25.65
		Say Rs.	**25.60**	**Each**	
9.71	**Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete:**				
9.71.1	**125x64x2.50 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
8219	Stainless steel butt hinges (heavy weight) 125x64 x 2.5 mm IS : 12817 marked	10 Nos	10.00	307.14	307.14
8210	Stainless steel screws 50 mm	100 Nos	80.00	241.99	193.59
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				571.20
	Add Water Charges @ 1%				5.71
	TOTAL				576.92
	Add GST 12% on "X" (multiplying factor 0.1405)				81.06
	Total				657.97 (Y)
	Add CPOH @ 15%				98.70
	Cost of 10 nos				756.67
	Cost of each				75.67
	labour cess @1%				0.76
	Rate including labour cess				76.42
		Say Rs.	**76.40**	**Each**	
9.71.2	**100x60x2.50 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
8220	Stainless steel butt hinges (heavyweight) 100x60 x 2.5 mm IS : 12817 marked	10 Nos	10.00	223.37	223.37
8211	Stainless steel screws 40 mm	100 Nos	80.00	193.59	154.87
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				448.72
	Add Water Charges @ 1%				4.49
	TOTAL				453.21
	Add GST 12% on "X" (multiplying factor 0.1405)				63.68
	Total				516.88 (Y)

Code No	Description	Unit	Quantity	Rate	Amount
	Add CPOH @ 15%				77.53
	Cost of 10 nos				594.42
	Cost of each				59.44
	labour cess @1%				0.59
	Rate including labour cess				60.04
		Say Rs.	**60.00**	**Each**	
9.71.3	**75x50x2.50 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
8221	Stainless steel butt hinges (heavy weight) 75x50 x 2.5 mm IS : 12817 marked	10 Nos	10.00	181.49	181.49
8212	Stainless steel screws 30 mm	100 Nos	60.00	167.53	100.52
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				350.85
	Add Water Charges @ 1%				3.51
	TOTAL				354.35
	Add GST 12% on "X" (multiplying factor 0.1405)				49.79
	Total				404.14 (Y)
	Add CPOH @ 15%				60.62
	Cost of 10 nos				464.76
	Cost of each				46.48
	labour cess @1%				0.46
	Rate including labour cess				46.94
		Say Rs.	**46.90**	**Each**	
9.72	**Providing and fixing bright finished brass butt hinges with necessary screws etc. complete:**				
9.72.1	**125x85x5.5 mm (heavy type)**				
	Details of cost for 10 nos.				
	MATERIAL:				
0382	Brass butt hinges (heavy type):125x85x5.5 mm(0.70 kg)	10 Nos	10.00	1342.10	1342.10
0449	Brass screws 50 mm	100 Nos	100.00	204.76	204.76
9999	Carriage of materials	L.S.	3.64	1.80	6.55
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.10	254.00	25.40
	TOTAL				1626.69
	Add Water Charges @ 1%				16.27
	TOTAL				1642.96
	Add GST 12% on "X" (multiplying factor 0.1405)				230.84
	Total				1873.80 (Y)
	Add CPOH @ 15%				281.07
	Cost of 10 nos				2154.87
	Cost of each				215.49
	labour cess @1%				2.15
	Rate including labour cess				217.64
		Say Rs.	**217.60**	**Each**	
9.72.2	**125x70x4 mm (ordinary type)**				
	Details of cost for 10 nos.				
	MATERIAL:				
0378	Brass butt hinges (light/ordinary type) : 125x70x4 mm	10 Nos	10.00	791.11	791.11
0449	Brass screws 50 mm	100 Nos	100.00	204.76	204.76
9999	Carriage of materials	L.S.	3.64	1.80	6.55
	LABOUR:				

Code No	Description	Unit	Quantity	Rate	Amount
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.10	254.00	25.40
	TOTAL				1075.71
	Add Water Charges @ 1%				10.76
	TOTAL				1086.46
	Add GST 12% on "X" (multiplying factor 0.1405)				152.65
	Total				1239.11 (Y)
	Add CPOH @ 15%				185.87
	Cost of 10 nos				1424.98
	Cost of each				142.50
	labour cess @1%				1.42
	Rate including labour cess				143.92
		Say Rs.	**143.90**	**Each**	
9.72.3	**100x85x5.5 mm (heavy type)**				
	Details of cost for 10 nos.				
	MATERIAL:				
0383	Brass butt hinges (heavy type):100x85x 5.5 mm(0.56 kg)	10 Nos	10.00	1073.12	1073.12
0450	Brass screws 40 mm	100 Nos	80.00	158.22	126.58
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.10	254.00	25.40
	TOTAL				1277.90
	Add Water Charges @ 1%				12.78
	TOTAL				1290.68
	Add GST 12% on "X" (multiplying factor 0.1405)				181.34
	Total				1472.02 (Y)
	Add CPOH @ 15%				220.80
	Cost of 10 nos				1692.82
	Cost of each				169.28
	labour cess @1%				1.69
	Rate including labour cess				170.97
		Say Rs.	**171.00**	**Each**	
9.72.4	**100x70x4 mm (ordinary type)**				
	Details of cost for 10 nos.				
	MATERIAL:				
0379	Brass butt hinges (light/ordinary type) : 100x70x4 mm	10 Nos	10.00	651.51	651.51
0450	Brass screws 40 mm	100 Nos	80.00	158.22	126.58
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.10	254.00	25.40
	TOTAL				856.28
	Add Water Charges @ 1%				8.56
	TOTAL				864.84
	Add GST 12% on "X" (multiplying factor 0.1405)				121.51
	Total				986.35 (Y)
	Add CPOH @ 15%				147.95
	Cost of 10 nos				1134.30
	Cost of each				113.43
	labour cess @1%				1.13
	Rate including labour cess				114.56
		Say Rs.	**114.60**	**Each**	
9.72.5	**75x65x4 mm (heavy type)**				
	Details of cost for 10 nos.				

Code No	Description	Unit	Quantity	Rate	Amount
	MATERIAL:				
0384	Brass butt hinges (heavy type) :75x65x4.0 mm(0.20 kg)	10 Nos	10.00	884.19	884.19
0451	Brass screws 30 mm	100 Nos	60.00	130.30	78.18
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.10	254.00	25.40
	TOTAL				1040.56
	Add Water Charges @ 1%				10.41
	TOTAL				1050.97
	Add GST 12% on "X" (multiplying factor 0.1405)				147.66
	Total				1198.63 (Y)
	Add CPOH @ 15%				179.79
	Cost of 10 nos				1378.42
	Cost of each				137.84
	labour cess @1%				1.38
	Rate including labour cess				139.22
		Say Rs.	**139.20**	**Each**	
9.72.6	**75x40x2.5 mm (ordinary type)**				
	Details of cost for 10 nos.				
	MATERIAL:				
0380	Brass butt hinges (light/ordinary type) : 75x40x2.5 mm	10 Nos	10.00	400.21	400.21
0451	Brass screws 30 mm	100 Nos	60.00	130.30	78.18
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.10	254.00	25.40
	TOTAL				556.59
	Add Water Charges @ 1%				5.57
	TOTAL				562.15
	Add GST 12% on "X" (multiplying factor 0.1405)				78.98
	Total				641.13 (Y)
	Add CPOH @ 15%				96.17
	Cost of 10 nos				737.30
	Cost of each				73.73
	labour cess @1%				0.74
	Rate including labour cess				74.47
		Say Rs.	**74.50**	**Each**	
9.72.7	**50x40x2.5 mm (ordinary type)**				
	Details of cost for 10 nos.				
	MATERIAL:				
0381	Brass butt hinges (light/ordinary type) :				
	50x40x2.5 mm	10 Nos	10.00	167.53	167.53
0453	Brass screws 20 mm	100 Nos	40.00	88.42	35.37
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	342.00	27.36
	TOTAL				233.53
	Add Water Charges @ 1%				2.34
	TOTAL				235.87
	Add GST 12% on "X" (multiplying factor 0.1405)				33.14
	Total				269.01 (Y)
	Add CPOH @ 15%				40.35
	Cost of 10 nos				309.36
	Cost of each				30.94
	labour cess @1%				0.31
	Rate including labour cess				31.25

Code No	Description	Unit	Quantity	Rate	Amount
		Say Rs.	**31.20**	**Each**	
9.73	**Providing and fixing bright finished brass parliamentary hinges with necessary screws etc. complete:**				
9.73.1	**150x125x27x5 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0385	Brass parliamentary hinges 150x125x27x5 mm	10 Nos	10.00	2792.17	2792.17
0450	Brass screws 40 mm	100 Nos	80.00	158.22	126.58
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				3007.10
	Add Water Charges @ 1%				30.07
	TOTAL				3037.17 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				426.72
	Total				3463.90 (Y)
	Add CPOH @ 15% on "Y"				519.58
	Cost of 10 nos				3983.48
	Cost of each				398.35
	labour cess @1%				3.98
	Rate including labour cess				402.33
		Say Rs.	**402.30**	**Each**	
9.73.2	**125x125x27x5 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0386	Brass parliamentary hinges 125x125x27x5 mm	10 Nos	10.00	2419.88	2419.88
0450	Brass screws 40 mm	100 Nos	80.00	158.22	126.58
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				2634.81
	Add Water Charges @ 1%				26.35
	TOTAL				2661.16 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				373.89
	Total				3035.05 (Y)
	Add CPOH @ 15% on "Y"				455.26
	Cost of 10 nos				3490.31
	Cost of each				349.03
	labour cess @1%				3.49
	Rate including labour cess				352.52
		Say Rs.	**352.50**	**Each**	
9.73.3	**100x125x27x5 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0387	Brass parliamentary hinges 100x125x27x5 mm	10 Nos	10.00	2233.74	2233.74
0450	Brass screws 40 mm	100 Nos	80.00	158.22	126.58
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				2448.67

Code No	Description	Unit	Quantity	Rate	Amount	
	Add Water Charges @ 1%				24.49	
	TOTAL				2473.16	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				347.48	
	Total				2820.63	(Y)
	Add CPOH @ 15% on "Y"				423.10	
	Cost of 10 nos				3243.73	
	Cost of each				324.37	
	labour cess @1%				3.24	
	Rate including labour cess				327.62	
		Say Rs.	**327.60**	**Each**		
9.73.4	**75x100x20x3.2 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0388	Brass parliamentary hinges 75x100x20x3.2 mm	10 Nos	10.00	1954.52	1954.52	
0451	Brass screws 30 mm	100 Nos	60.00	130.30	78.18	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.14	342.00	47.88	
0114	Beldar	day	0.14	254.00	35.56	
	TOTAL				2121.05	
	Add Water Charges @ 1%				21.21	
	TOTAL				2142.26	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				300.99	
	Total				2443.25	(Y)
	Add CPOH @ 15% on "Y"				366.49	
	Cost of 10 nos				2809.74	
	Cost of each				280.97	
	labour cess @1%				2.81	
	Rate including labour cess				283.78	
		Say Rs.	**283.80**	**Each**		
9.74	**Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete:**					
9.74.1	**250x10 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0400	Brass tower bolt (barrel type) 250x10 mm	each	10.00	232.68	2326.81	
0451	Brass screws 30 mm	100 Nos	100.00	130.30	130.30	
9999	Carriage of materials	L.S.	4.55	1.80	8.19	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				2499.50	
	Add Water Charges @ 1%				24.99	
	TOTAL				2524.49	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				354.69	
	Total				2879.19	(Y)
	Add CPOH @ 15% on "Y"				431.88	
	Cost of 10 nos				3311.06	
	Cost of each				331.11	
	labour cess @1%				3.31	
	Rate including labour cess				334.42	
		Say Rs.	**334.40**	**Each**		
9.74.2	**200x10 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					

Code No	Description	Unit	Quantity	Rate	Amount	
0401	Brass tower bolt (barrel type) 200x10 mm	each	10.00	186.14	1861.45	
0451	Brass screws 30 mm	100 Nos	80.00	130.30	104.24	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				2004.80	
	Add Water Charges @ 1%				20.05	
	TOTAL				2024.85	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				284.49	
	Total				2309.34	(Y)
	Add CPOH @ 15% on "Y"				346.40	
	Cost of 10 nos				2655.74	
	Cost of each				265.57	
	labour cess @1%				2.66	
	Rate including labour cess				268.23	
		Say Rs.	**268.20**	**Each**		
9.74.3	**150x10 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0402	Brass tower bolt (barrel type) 150x10 mm	each	10.00	139.61	1396.09	
0451	Brass screws 30 mm	100 Nos	80.00	130.30	104.24	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				1539.44	
	Add Water Charges @ 1%				15.39	
	TOTAL				1554.83	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				218.45	
	Total				1773.29	(Y)
	Add CPOH @ 15% on "Y"				265.99	
	Cost of 10 nos				2039.28	
	Cost of each				203.93	
	labour cess @1%				2.04	
	Rate including labour cess				205.97	
		Say Rs.	**206.00**	**Each**		
9.74.4	**100x10 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0403	Brass tower bolt (barrel type) 100x10 mm	each	10.00	93.07	930.72	
0451	Brass screws 30 mm	100 Nos	60.00	130.30	78.18	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				1048.02	
	Add Water Charges @ 1%				10.48	
	TOTAL				1058.50	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				148.72	
	Total				1207.22	(Y)
	Add CPOH @ 15% on "Y"				181.08	
	Cost of 10 nos				1388.30	
	Cost of each				138.83	
	labour cess @1%				1.39	
	Rate including labour cess				140.22	
		Say Rs.	**140.20**	**Each**		
9.75	**Providing and fixing bright finished brass door latch with necessary screws etc. complete:**					
9.75.1	**300x16x5 mm**					

Code No	Description	Unit	Quantity	Rate	Amount	
	Details of cost for 10 nos.					
	MATERIAL:					
0411	Brass door latch 300x16x5 mm (0.380 kg)	each	10.00	167.53	1675.30	
0452	Brass screws 25 mm	100 Nos	90.00	93.07	83.77	
9999	Carriage of materials	L.S.	3.64	1.80	6.55	
0111	LABOUR:					
	Carpenter 1 st class	day	0.12	342.00	41.04	
	TOTAL				1806.66	
	Add Water Charges @ 1%				18.07	
	TOTAL				1824.73	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				256.37	
	Total				2081.10	(Y)
	Add CPOH @ 15% on "Y"				312.16	
	Cost of 10 nos				2393.26	
	Cost of each				239.33	
	labour cess @1%				2.39	
	Rate including labour cess				241.72	
		Say Rs.	**241.70**	**Each**		
9.75.2	**250x16x5 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0412	Brass door latch 250x16x5 mm (0.350 kg)	each	10.00	158.22	1582.23	
0452	Brass screws 25 mm	100 Nos	90.00	93.07	83.77	
9999	Carriage of materials	L.S.	3.64	1.80	6.55	
	LABOUR:					
0111	Carpenter 1 st class	day	0.12	342.00	41.04	
	TOTAL				1713.59	
	Add Water Charges @ 1%				17.14	
	TOTAL				1730.72	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				243.17	
	Total				1973.89	(Y)
	Add CPOH @ 15% on "Y"				296.08	
	Cost of 10 nos				2269.97	
	Cost of each				227.00	
	labour cess @1%				2.27	
	Rate including labour cess				229.27	
		Say Rs.	**229.30**	**Each**		
9.76	**Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.**					
	Details of cost for 1 no.					
	MATERIAL:					
0413	Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	1.00	362.98	362.98	
	LABOUR:					
0111	Carpenter 1 st class	day	0.17	342.00	58.14	
9999	Sundries (screws, carriage etc.)	L.S.	3.64	1.80	6.55	
	TOTAL				427.67	
	Add Water Charges @ 1%				4.28	
	TOTAL				431.95	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				60.69	
	Total				492.64	(Y)
	Add CPOH @ 15% on "Y"				73.90	
	Cost of each				566.54	
	labour cess @1%				5.67	

Code No	Description	Unit	Quantity	Rate	Amount
	Rate including labour cess				572.20
		Say Rs.	**572.20**	**Each**	
9.77	**Providing and fixing bright finished brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete**				
	Details of cost for 1 no.				
	MATERIAL:				
0414	Brass mortice latch 100x65mm with a pair of brass lever handles	each	1.00	279.22	279.22
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	342.00	58.14
9999	Sundries (screws, carriage etc.)	L.S.	3.64	1.80	6.55
	TOTAL				343.91
	Add Water Charges @ 1%				3.44
	TOTAL				347.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				48.80
	Total				396.15 (Y)
	Add CPOH @ 15% on "Y"				59.42
	Cost of each				455.57
	labour cess @1%				4.56
	Rate including labour cess				460.13
		Say Rs.	**460.10**	**Each**	
9.78	**Providing and fixing bright finished brass night latch of approved quality including necessary screws etc. complete.**				
	Details of cost for 1 no.				
	MATERIAL:				
0438	Brass night latch	each	1.00	553.78	553.78
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	342.00	58.14
9999	Sundries (screws, carriage etc.)	L.S.	3.64	1.80	6.55
	TOTAL				618.47
	Add Water Charges @ 1%				6.18
	TOTAL				624.66 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				87.76
	Total				712.42 (Y)
	Add CPOH @ 15% on "Y"				106.86
	Cost of each				819.28
	labour cess @1%				8.19
	Rate including labour cess				827.48
		Say Rs.	**827.50**	**Each**	
9.79	**Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete.**				
9.79.1	**40 mm**				
	Details of cost for 1 no.				
	MATERIAL:				
2451	Brass cupboard lock 6 levers of approved quality, 40 mm size	each	1.00	48.40	48.40
	LABOUR:				

Code No	Description	Unit	Quantity	Rate	Amount
0111	Carpenter 1 st class	day	0.17	342.00	58.14
9999	Sundries & screws	L.S.	3.64	1.80	6.55
	TOTAL				113.09
	Add Water Charges @ 1%				1.13
	TOTAL				114.22 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				16.05
	Total				130.27 (Y)
	Add CPOH @ 15% on "Y"				19.54
	Cost of each				149.81
	labour cess @1%				1.50
	Rate including labour cess				151.31
		Say Rs.	**151.30**	**Each**	
9.79.2	**50 mm**				
	Details of cost for 1 no.				
	MATERIAL:				
2452	Brass cupboard lock 6 levers of approved quality,				
	50 mm size	each	1.00	74.46	74.46
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	342.00	58.14
9999	Sundries & screws	L.S.	3.64	1.80	6.55
	TOTAL				139.15
	Add Water Charges @ 1%				1.39
	TOTAL				140.54 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				19.75
	Total				160.29 (Y)
	Add CPOH @ 15% on "Y"				24.04
	Cost of each				184.33
	labour cess @1%				1.84
	Rate including labour cess				186.17
		Say Rs.	**186.20**	**Each**	
9.79.3	**65 mm**				
	Details of cost for 1 no.				
	MATERIAL:				
2453	Brass cupboard lock 6 levers of approved quality,				
	65 mm size	each	1.00	79.11	79.11
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	342.00	58.14
9999	Sundries & screws	L.S.	3.64	1.80	6.55
	TOTAL				143.80
	Add Water Charges @ 1%				1.44
	TOTAL				145.24 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				20.41
	Total				165.65 (Y)
	Add CPOH @ 15% on "Y"				24.85
	Cost of each				190.50
	labour cess @1%				1.90
	Rate including labour cess				192.40
		Say Rs.	**192.40**	**Each**	
9.79.4	**75 mm**				
	Details of cost for 1 no.				
	MATERIAL:				
2454	Brass cupboard lock 6 levers of approved quality,				
	75 mm size	each	1.00	93.07	93.07
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	342.00	58.14
9999	Sundries & screws	L.S.	3.64	1.80	6.55
	TOTAL				157.76

Code No	Description	Unit	Quantity	Rate	Amount	
	Add Water Charges @ 1%				1.58	
	TOTAL				159.34	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				22.39	
	Total				181.73	(Y)
	Add CPOH @ 15% on "Y"				27.26	
	Cost of each				208.99	
	labour cess @1%				2.09	
	Rate including labour cess				211.08	
		Say Rs.	**211.10**	**Each**		
9.80	**Providing and fixing 50 mm bright finished brass cup board or wardrobe knob of approved quality with necessary screws.**					
	Details of cost for 10 nos					
	MATERIAL:					
0447	Brass cupboard knob or wardrobe knob 50 mm	each	10.00	32.58	325.75	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.14	342.00	47.88	
	TOTAL				378.55	
	Add Water Charges @ 1%				3.79	
	TOTAL				382.33	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				53.72	
	Total				436.05	(Y)
	Add CPOH @ 15% on "Y"				65.41	
	Cost of 10 nos				501.46	
	Cost of each				50.15	
	labour cess @1%				0.50	
	Rate including labour cess				50.65	
		Say Rs.	**50.60**	**Each**		
9.81	**Providing and fixing bright finished brass handles with screws etc. complete:**					
9.81.1	**125 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0408	Brass handles 125 mm with plate 175x32 mm	each	10.00	130.30	1303.01	
0452	Brass screws 25 mm	100 Nos	40.00	93.07	37.23	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.06	342.00	20.52	
	TOTAL				1365.68	
	Add Water Charges @ 1%				13.66	
	TOTAL				1379.33	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				193.80	
	Total				1573.13	(Y)
	Add CPOH @ 15% on "Y"				235.97	
	Cost of 10 nos				1809.10	
	Cost of each				180.91	
	labour cess @1%				1.81	
	Rate including labour cess				182.72	
		Say Rs.	**182.70**	**Each**		
9.81.2	**100 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0409	Brass handles 100 mm with plate 150x32 mm	each	10.00	120.99	1209.94	
0452	Brass screws 25 mm	100 Nos	40.00	93.07	37.23	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	

Code No	Description	Unit	Quantity	Rate	Amount	
	LABOUR:					
0111	Carpenter 1 st class	day	0.06	342.00	20.52	
	TOTAL				1269.33	
	Add Water Charges @ 1%				12.69	
	TOTAL				1282.02	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				180.12	
	Total				1462.14	(Y)
	Add CPOH @ 15% on "Y"				219.32	
	Cost of 10 nos				1681.47	
	Cost of each				168.15	
	labour cess @1%				1.68	
	Rate including labour cess				169.83	
		Say Rs.	**169.80**	**Each**		
9.81.3	**75 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0410	Brass handles 75 mm with plate 125x32 mm	each	10.00	93.07	930.72	
0452	Brass screws 25 mm	100 Nos	40.00	93.07	37.23	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.06	342.00	20.52	
	TOTAL				990.11	
	Add Water Charges @ 1%				9.90	
	TOTAL				1000.01	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				140.50	
	Total				1140.51	(Y)
	Add CPOH @ 15% on "Y"				171.08	
	Cost of 10 nos				1311.59	
	Cost of each				131.16	
	labour cess @1%				1.31	
	Rate including labour cess				132.47	
		Say Rs.	**132.50**	**Each**		
9.82	**Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc.**					
	complete.					
	Details of cost for 10 hanging floor door stoppers.					
	MATERIAL:					
2455	Brass hanging type door stopper 150 mm	each	10.00	65.15	651.51	
0452	Brass screws 25 mm	100 Nos	20.00	93.07	18.61	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.03	342.00	10.26	
	TOTAL				685.29	
	Add Water Charges @ 1%				6.85	
	TOTAL				692.15	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				97.25	
	Total				789.39	(Y)
	Add CPOH @ 15% on "Y"				118.41	
	Cost of 10 nos				907.80	
	Cost of each				90.78	
	labour cess @1%				0.91	
	Rate including labour cess				91.69	
		Say Rs.	**91.70**	**Each**		

Code No	Description	Unit	Quantity	Rate	Amount	
9.83	**Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.**					
	Details of cost for 10 nos.					
	MATERIAL:					
2456	Hydraulic door closer bottle type M.S. body with necessary accessories and screws complete	each	10.00	282.01	2820.09	
0451	Brass screws 30 mm	100 Nos	60.00	130.30	78.18	
9999	Carriage of materials	L.S.	3.64	1.80	6.55	
	LABOUR:					
0112	Carpenter 2nd class	day	1.00	305.00	305.00	
	TOTAL				3209.82	
	Add Water Charges @ 1%				32.10	
	TOTAL				3241.92	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				455.49	
	Total				3697.41	(Y)
	Add CPOH @ 15% on "Y"				554.61	
	Cost of 10 nos				4252.03	
	Cost of each				425.20	
	labour cess @1%				4.25	
	Rate including labour cess				429.45	
		Say Rs.	**429.50**	**Each**		
9.84	**Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.**					
	Details of cost for 10 nos.					
	MATERIAL:					
7060	Hydraulic door closer tubular type Aluminium section body	each	10.00	261.53	2615.33	
0451	Brass screws 30 mm	100 Nos	60.00	130.30	78.18	
9999	Carriage of materials	L.S.	1.00	1.80	1.80	
	LABOUR:					
0112	Carpenter 2nd class	day	1.00	305.00	305.00	
	TOTAL				3000.31	
	Add Water Charges @ 1%				30.00	
	TOTAL				3030.32	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				425.76	
	Total				3456.08	(Y)
	Add CPOH @ 15% on "Y"				518.41	
	Cost of 10 nos				3974.49	
	Cost of each				397.45	
	labour cess @1%				3.97	
	Rate including labour cess				401.42	
		Say Rs.	**401.40**	**Each**		
9.85	**Providing and fixing bright finished brass casement window fastener with necessary screws etc.complete.**					

Code No	Description	Unit	Quantity	Rate	Amount	
	Details of cost for 10 nos.					
	MATERIAL:					
0423	Brass casement window fastener	each	10.00	46.54	465.36	
0452	Brass screws 25 mm	100 Nos	40.00	93.07	37.23	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				538.43	
	Add Water Charges @ 1%				5.38	
	TOTAL				543.81	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				76.41	
	Total				620.22	(Y)
	Add CPOH @ 15% on "Y"				93.03	
	Cost of 10 nos				713.25	
	Cost of each				71.33	
	labour cess @1%				0.71	
	Rate including labour cess				72.04	
		Say Rs.	**72.00**	**Each**		
9.86	**Providing and fixing bright finished brass casement stays (straight peg type) with necessary screws etc. complete:**					
9.86.1	**300 mm weighing not less than 330 gms**					
	Details of cost for 10 nos.					
	MATERIAL:					
0424	Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	each	10.00	125.65	1256.48	
0451	Brass screws 30 mm	100 Nos	40.00	130.30	52.12	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				1344.44	
	Add Water Charges @ 1%				13.44	
	TOTAL				1357.88	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				190.78	
	Total				1548.66	(Y)
	Add CPOH @ 15% on "Y"				232.30	
	Cost of 10 nos				1780.96	
	Cost of each				178.10	
	labour cess @1%				1.78	
	Rate including labour cess				179.88	
		Say Rs.	**179.90**	**Each**		
9.86.2	**250 mm weighing not less than 280 gms**					
	Details of cost for 10 nos.					
	MATERIAL:					
0425	Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg	each	10.00	102.38	1023.80	
0452	Brass screws 25 mm	100 Nos	40.00	93.07	37.23	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				1096.86	
	Add Water Charges @ 1%				10.97	
	TOTAL				1107.83	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				155.65	
	Total				1263.48	(Y)
	Add CPOH @ 15% on "Y"				189.52	

Code No	Description	Unit	Quantity	Rate	Amount
	Cost of 10 nos				1453.00
	Cost of each				145.30
	labour cess @1%				1.45
	Rate including labour cess				146.75
		Say Rs.	**146.80**	**Each**	
9.86.3	**200 mm weighing not less than 240 gms**				
	Details of cost for 10 nos.				
	MATERIAL:				
0426	Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg	each	10.00	93.07	930.72
0452	Brass screws 25 mm	100 Nos	40.00	93.07	37.23
9999	Carriage of materials	L.S.	0.91	1.80	1.64
	LABOUR:				
0111	Carpenter 1 st class	day	0.10	342.00	34.20
	TOTAL				1003.79
	Add Water Charges @ 1%				10.04
	TOTAL				1013.83 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				142.44
	Total				1156.27 (Y)
	Add CPOH @ 15% on "Y"				173.44
	Cost of 10 nos				1329.71
	Cost of each				132.97
	labour cess @1%				1.33
	Rate including labour cess				134.30
		Say Rs.	**134.30**	**Each**	
9.87	**Providing and fixing bright finished brass hasp and staple (safety type) with necessary screws etc.complete:**				
9.87.1	**150 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0431	Brass hasps and staples (safety type) 150 mm	10 Nos	10.00	725.96	725.96
0452	Brass screws 25 mm	100 Nos	80.00	93.07	74.46
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	342.00	27.36
	TOTAL				831.06
	Add Water Charges @ 1%				8.31
	TOTAL				839.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				117.93
	Total				957.30 (Y)
	Add CPOH @ 15% on "Y"				143.60
	Cost of 10 nos				1100.90
	Cost of each				110.09
	labour cess @1%				1.10
	Rate including labour cess				111.19
		Say Rs.	**111.20**	**Each**	
9.87.2	**115 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0432	Brass hasps and staples (safety type) 115 mm	10 Nos	10.00	604.97	604.97
0453	Brass screws 20 mm	100 Nos	70.00	88.42	61.89
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	342.00	27.36
	TOTAL				697.50

Code No	Description	Unit	Quantity	Rate	Amount	
	Add Water Charges @ 1%				6.97	
	TOTAL				704.47	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				98.98	
	Total				803.45	(Y)
	Add CPOH @ 15% on "Y"				120.52	
	Cost of 10 nos				923.97	
	Cost of each				92.40	
	labour cess @1%				0.92	
	Rate including labour cess				93.32	
		Say Rs.	**93.30**	**Each**		
9.87.3	**90 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0433	Brass hasps and staples (safety type) 90 mm	10 Nos	10.00	521.21	521.21	
0453	Brass screws 20 mm	100 Nos	70.00	88.42	61.89	
9999	Carriage of materials	L.S.	1.82	1.80	3.28	
	LABOUR:					
0111	Carpenter 1 st class	day	0.08	342.00	27.36	
	TOTAL				613.73	
	Add Water Charges @ 1%				6.14	
	TOTAL				619.87	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				87.09	
	Total				706.96	(Y)
	Add CPOH @ 15% on "Y"				106.04	
	Cost of 10 nos				813.01	
	Cost of each				81.30	
	labour cess @1%				0.81	
	Rate including labour cess				82.11	
		Say Rs.	**82.10**	**Each**		
9.88	**Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.**					
	Details of cost for 1 no.					
	MATERIAL:					
0558	Chromium plated Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	1.00	460.71	460.71	
	LABOUR:					
0111	Carpenter 1 st class	day	0.17	342.00	58.14	
9999	Sundries (screws, carriage etc.)	L.S.	3.64	1.80	6.55	
	TOTAL				525.40	
	Add Water Charges @ 1%				5.25	
	TOTAL				530.65	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				74.56	
	Total				605.21	(Y)
	Add CPOH @ 15% on "Y"				90.78	
	Cost of each				695.99	
	labour cess @1%				6.96	
	Rate including labour cess				702.95	
		Say Rs.	**703.00**	**Each**		
9.89	**Providing and fixing chromium plated brass night latch of approved quality including necessary screws etc. complete.**					
	Details of cost for 1 no.					

Code No	Description	Unit	Quantity	Rate	Amount
	MATERIAL:				
0583	Chromium plated Brass Night latch	each	1.00	502.59	502.59
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	342.00	58.14
9999	Sundries (screws, carriage etc.)	L.S.	3.64	1.80	6.55
	TOTAL				567.28
	Add Water Charges @ 1%				5.67
	TOTAL				572.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				80.50
	Total				653.46 (Y)
	Add CPOH @ 15% on "Y"				98.02
	Cost of each				751.47
	labour cess @1%				7.51
	Rate including labour cess				758.99
		Say Rs.	**759.00**	**Each**	
9.90	**Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete.**				
9.90.1	**Size 40 mm**				
	Details of cost for 1 no.				
	MATERIAL:				
2468	Nickled Chromium Brass cupboard lock 40 mm size	each	1.00	52.12	52.12
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	342.00	58.14
9999	Sundries & screws	L.S.	3.64	1.80	6.55
	TOTAL				116.81
	Add Water Charges @ 1%				1.17
	TOTAL				117.98 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				16.58
	Total				134.56 (Y)
	Add CPOH @ 15% on "Y"				20.18
	Cost of each				154.74
	labour cess @1%				1.55
	Rate including labour cess				156.29
		Say Rs.	**156.30**	**Each**	
9.90.2	**Size 50 mm**				
	Details of cost for 1 No.				
	MATERIAL:				
2469	Nickled Chromium Brass cupboard lock 50 mm size	each	1.00	61.43	61.43
	LABOUR:				
0111	Carpenter 1 st class	day	0.17	342.00	58.14
9999	Sundries & screws	L.S.	3.64	1.80	6.55
	TOTAL				126.12
	Add Water Charges @ 1%				1.26
	TOTAL				127.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				17.90
	Total				145.28 (Y)
	Add CPOH @ 15% on "Y"				21.79
	Cost of each				167.07
	labour cess @1%				1.67
	Rate including labour cess				168.74
		Say Rs.	**168.70**	**Each**	
9.90.3	**Size 65 mm**				
	Details of cost for 1 No.				
	MATERIAL:				

Code No	Description	Unit	Quantity	Rate	Amount	
2470	Nickled Chromium Brass cupboard lock 65 mm size	each	1.00	83.77	83.77	
	LABOUR:					
0111	Carpenter 1 st class	day	0.17	342.00	58.14	
9999	Sundries & screws	L.S.	3.64	1.80	6.55	
	TOTAL				148.46	
	Add Water Charges @ 1%				1.48	
	TOTAL				149.94	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				21.07	
	Total				171.01	(Y)
	Add CPOH @ 15% on "Y"				25.65	
	Cost of each				196.66	
	labour cess @1%				1.97	
	Rate including labour cess				198.63	
		Say Rs.	**198.60**	**Each**		
9.90.4	**Size 75 mm**					
	Details of cost for 1 No.					
	MATERIAL:					
2471	Nickled Chromium Brass cupboard lock 75 mm size	each	1.00	107.03	107.03	
	LABOUR:					
0111	Carpenter 1 st class	day	0.17	342.00	58.14	
9999	Sundries & screws	L.S.	3.64	1.80	6.55	
	TOTAL				171.73	
	Add Water Charges @ 1%				1.72	
	TOTAL				173.44	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				24.37	
	Total				197.81	(Y)
	Add CPOH @ 15% on "Y"				29.67	
	Cost of each				227.48	
	labour cess @1%				2.27	
	Rate including labour cess				229.76	
		Say Rs.	**229.80**	**Each**		
9.91	**Providing and fixing chromium plated brass 50 mm cupboard or wardrobe knobs with nuts complete.**					
	Details of cost for 10 nos.					
	MATERIAL:					
0584	Chromium plated Brass Wardrobe Knob 50 mm	each	10.00	79.11	791.11	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.14	342.00	47.88	
	TOTAL				843.91	
	Add Water Charges @ 1%				8.44	
	TOTAL				852.35	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				119.75	
	Total				972.10	(Y)
	Add CPOH @ 15% on "Y"				145.82	
	Cost of 10 nos				1117.92	
	Cost of each				111.79	
	labour cess @1%				1.12	
	Rate including labour cess				112.91	
		Say Rs.	**112.90**	**Each**		
9.92	**Providing and fixing chromium plated brass handles with necessary screws etc. complete:**					
9.92.1	**125 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0555	Chromium plated Brass handles 125 mm with plate					

Code No	Description	Unit	Quantity	Rate	Amount	
	175 x32 mm	each	10.00	162.88	1628.77	
0452	Brass screws 25 mm	100 Nos	40.00	93.07	37.23	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.06	342.00	20.52	
	TOTAL				1691.43	
	Add Water Charges @ 1%				16.91	
	TOTAL				1708.34	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				240.02	
	Total				1948.37	(Y)
	Add CPOH @ 15% on "Y"				292.25	
	Cost of 10 nos				2240.62	
	Cost of each				224.06	
	labour cess @1%				2.24	
	Rate including labour cess				226.30	
		Say Rs.	**226.30**	**Each**		
9.92.2	**100 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0556	Chromium plated Brass handles 100 mm with plate					
	150 x 32 mm	each	10.00	139.61	1396.09	
0452	Brass screws 25 mm	100 Nos	40.00	93.07	37.23	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.06	342.00	20.52	
	TOTAL				1455.47	
	Add Water Charges @ 1%				14.55	
	TOTAL				1470.03	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				206.54	
	Total				1676.57	(Y)
	Add CPOH @ 15% on "Y"				251.48	
	Cost of 10 nos				1928.05	
	Cost of each				192.81	
	labour cess @1%				1.93	
	Rate including labour cess				194.73	
		Say Rs.	**194.70**	**Each**		
9.92.3	**75 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0557	Chromium plated Brass handles 75mm with plate					
	125x32 mm	each	10.00	120.99	1209.94	
0452	Brass screws 25 mm	100 Nos	40.00	93.07	37.23	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.06	342.00	20.52	
	TOTAL				1269.33	
	Add Water Charges @ 1%				12.69	
	TOTAL				1282.02	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				180.12	
	Total				1462.14	(Y)
	Add CPOH @ 15% on "Y"				219.32	
	Cost of 10 nos				1681.47	
	Cost of each				168.15	
	labour cess @1%				1.68	
	Rate including labour cess				169.83	
		Say Rs.	**169.80**	**Each**		

Code No	Description	Unit	Quantity	Rate	Amount	
9.93	**Providing and fixing chromium plated brass casement window fastener with necessary screws etc.complete.**					
	Details of cost for 10 nos.					
	MATERIAL:					
0568	Chromium plated brass casement window fastener	each	10.00	88.42	884.19	
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				990.76	
	Add Water Charges @ 1%				9.91	
	TOTAL				1000.67	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				140.59	
	Total				1141.26	(Y)
	Add CPOH @ 15% on "Y"				171.19	
	Cost of 10 nos				1312.45	
	Cost of each				131.25	
	labour cess @1%				1.31	
	Rate including labour cess				132.56	
		Say Rs.	**132.60**	**Each**		
9.94	**Providing and fixing chromium plated brass casement stays (straight peg type) with necessary screws etc. complete :**					
9.94.1	**300 mm weighing not less than 330 gms**					
	Details of cost for 10 nos.					
	MATERIAL:					
0569	Chromium plated Brass casement stays (straight peg type) 300 mm weighing not less than 0.33 kg	each	10.00	139.61	1396.09	
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				1502.66	
	Add Water Charges @ 1%				15.03	
	TOTAL				1517.68	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				213.23	
	Total				1730.92	(Y)
	Add CPOH @ 15% on "Y"				259.64	
	Cost of 10 nos				1990.56	
	Cost of each				199.06	
	labour cess @1%				1.99	
	Rate including labour cess				201.05	
		Say Rs.	**201.00**	**Each**		
9.94.2	**250 mm weighing not less than 280 gms**					
	Details of cost for 10 nos.					
	MATERIAL:					
0570	Chromium plated Brass casement stays (straight peg type) 250 mm weighing not less than 0.28 kg	each	10.00	120.99	1209.94	
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				1316.51
	Add Water Charges @ 1%				13.17
	TOTAL				1329.68 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				186.82
	Total				1516.50 (Y)
	Add CPOH @ 15% on "Y"				227.47
	Cost of 10 nos				1743.97
	Cost of each				174.40
	labour cess @1%				1.74
	Rate including labour cess				176.14
		Say Rs.	**176.10**	**Each**	
9.94.3	**200 mm weighing not less than 240 gms**				
	Details of cost for 10 nos.				
	MATERIAL:				
0571	Chromium plated Brass casement stays (straight peg type) 200 mm weighing not less than 0.24 kg	each	10.00	107.03	1070.33
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73
9999	Carriage of materials	L.S.	0.91	1.80	1.64
	LABOUR:				
0111	Carpenter 1 st class	day	0.10	342.00	34.20
	TOTAL				1176.90
	Add Water Charges @ 1%				11.77
	TOTAL				1188.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				167.01
	Total				1355.68 (Y)
	Add CPOH @ 15% on "Y"				203.35
	Cost of 10 nos				1559.04
	Cost of each				155.90
	labour cess @1%				1.56
	Rate including labour cess				157.46
		Say Rs.	**157.50**	**Each**	
9.95	**Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :**				
9.95.1	**125x75x4 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0687	Anodised Aluminium butt hinges 125x75x4 mm	10 Nos	10.00	530.51	530.51
0585	Chromium plated Brass screws 50 mm	100 Nos	100.00	316.45	316.45
9999	Carriage of materials	L.S.	3.64	1.80	6.55
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				924.25
	Add Water Charges @ 1%				9.24
	TOTAL				933.49 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				131.16
	Total				1064.65 (Y)
	Add CPOH @ 15% on "Y"				159.70
	Cost of 10 nos				1224.35
	Cost of each				122.43
	labour cess @1%				1.22
	Rate including labour cess				123.66
		Say Rs.	**123.70**	**Each**	

Code No	Description	Unit	Quantity	Rate	Amount	
9.95.2	**125x63x4 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0688	Anodised Aluminium butt hinges 125x63x4 mm	10 Nos	10.00	372.29	372.29	
0585	Chromium plated Brass screws 50 mm	100 Nos	100.00	316.45	316.45	
9999	Carriage of materials	L.S.	3.64	1.80	6.55	
	LABOUR:					
0111	Carpenter 1 st class	day	0.14	342.00	47.88	
0114	Beldar	day	0.09	254.00	22.86	
	TOTAL				766.03	
	Add Water Charges @ 1%				7.66	
	TOTAL				773.69	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				108.70	
	Total				882.39	(Y)
	Add CPOH @ 15% on "Y"				132.36	
	Cost of 10 nos				1014.75	
	Cost of each				101.47	
	labour cess @1%				1.01	
	Rate including labour cess				102.49	
		Say Rs.	**102.50**	**Each**		
9.95.3	**100x75x4 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0689	Anodised Aluminium butt hinges 100x75x4 mm	10 Nos	10.00	372.29	372.29	
0586	Chromium plated Brass screws 40 mm	100 Nos	80.00	288.52	230.82	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.14	342.00	47.88	
0114	Beldar	day	0.09	254.00	22.86	
	TOTAL				678.76	
	Add Water Charges @ 1%				6.79	
	TOTAL				685.55	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				96.32	
	Total				781.87	(Y)
	Add CPOH @ 15% on "Y"				117.28	
	Cost of 10 nos				899.15	
	Cost of each				89.92	
	labour cess @1%				0.90	
	Rate including labour cess				90.81	
		Say Rs.	**90.80**	**Each**		
9.95.4	**100x63x4 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0691	Anodised Aluminium butt hinges 100x63x4 mm	10 Nos	10.00	307.14	307.14	
0586	Chromium plated Brass screws 40 mm	100 Nos	80.00	288.52	230.82	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.14	342.00	47.88	
0114	Beldar	day	0.09	254.00	22.86	
	TOTAL				613.61	
	Add Water Charges @ 1%				6.14	
	TOTAL				619.75	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				87.07	
	Total				706.82	(Y)
	Add CPOH @ 15% on "Y"				106.02	
	Cost of 10 nos				812.85	
	Cost of each				81.28	
	labour cess @1%				0.81	

Code No	Description	Unit	Quantity	Rate	Amount
	Rate including labour cess				82.10
		Say Rs.	**82.10**	**Each**	
9.95.5	**100x63x3.2 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0690	Anodised Aluminium butt hinges 100x63x3.2 mm	10 Nos	10.00	255.95	255.95
0586	Chromium plated Brass screws 40 mm	100 Nos	80.00	288.52	230.82
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				562.42
	Add Water Charges @ 1%				5.62
	TOTAL				568.05 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				79.81
	Total				647.86 (Y)
	Add CPOH @ 15% on "Y"				97.18
	Cost of 10 nos				745.04
	Cost of each				74.50
	labour cess @1%				0.75
	Rate including labour cess				75.25
		Say Rs.	**75.20**	**Each**	
9.95.6	**75x63x4 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0692	Anodised Aluminium butt hinges 75x63x4 mm	10 Nos	10.00	260.60	260.60
0587	Chromium plated Brass screws 30 mm	100 Nos	60.00	232.68	139.61
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				474.23
	Add Water Charges @ 1%				4.74
	TOTAL				478.97 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				67.30
	Total				546.26 (Y)
	Add CPOH @ 15% on "Y"				81.94
	Cost of 10 nos				628.20
	Cost of each				62.82
	labour cess @1%				0.63
	Rate including labour cess				63.45
		Say Rs.	**63.40**	**Each**	
9.95.7	**75x63x3.2 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0693	Anodised Aluminium butt hinges 75x63x3.2 mm	10 Nos	10.00	214.07	214.07
0587	Chromium plated Brass screws 30 mm	100 Nos	60.00	232.68	139.61
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				427.69
	Add Water Charges @ 1%				4.28
	TOTAL				431.97 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				60.69
	Total				492.66 (Y)
	Add CPOH @ 15% on "Y"				73.90
	Cost of 10 nos				566.56

Code No	Description	Unit	Quantity	Rate	Amount
	Cost of each				56.66
	labour cess @1%				0.57
	Rate including labour cess				57.22
		Say Rs.	**57.20**	**Each**	
9.95.8	**75x45x3.2 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0694	Anodised Aluminium butt hinges 75x45x3.2 mm	10 Nos	10.00	186.14	186.14
0587	Chromium plated Brass screws 30 mm	100 Nos	60.00	232.68	139.61
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.14	342.00	47.88
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				399.77
	Add Water Charges @ 1%				4.00
	TOTAL				403.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				56.73
	Total				460.50 (Y)
	Add CPOH @ 15% on "Y"				69.07
	Cost of 10 nos				529.57
	Cost of each				52.96
	labour cess @1%				0.53
	Rate including labour cess				53.49
		Say Rs.	**53.50**	**Each**	
9.96	**Providing and fixing aluminium sliding door bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete:**				
9.96.1	**300x16 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0696	Anodised Aluminium sliding door bolt 300x16 mm	each	10.00	139.61	1396.09
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73
9999	Carriage of materials	L.S.	5.46	1.80	9.83
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	342.00	171.00
	TOTAL				1647.65
	Add Water Charges @ 1%				16.48
	TOTAL				1664.12 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				233.81
	Total				1897.93 (Y)
	Add CPOH @ 15% on "Y"				284.69
	Cost of 10 nos				2182.62
	Cost of each				218.26
	labour cess @1%				2.18
	Rate including labour cess				220.45
9.96.2	**250x16 mm**	**Say Rs.**	**220.40**	**Each**	
	Details of cost for 10 nos.				
	MATERIAL:				
0697	Anodised Aluminium sliding door bolt 250x16 mm	each	10.00	120.99	1209.94
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73
9999	Carriage of materials	L.S.	5.46	1.80	9.83
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	342.00	171.00
	TOTAL				1461.50
	Add Water Charges @ 1%				14.62

Code No	Description	Unit	Quantity	Rate	Amount	
	TOTAL				1476.12	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				207.39	
	Total				1683.51	(Y)
	Add CPOH @ 15% on "Y"				252.53	
	Cost of 10 nos				1936.04	
	Cost of each				193.60	
	labour cess @1%				1.94	
	Rate including labour cess				195.54	
		Say Rs.	**195.50**	**Each**		
9.97	**Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with necessary screws etc. complete:**					
9.97.1	**300x10 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0698	Anodised Aluminium tower bolt (barrel type) 300x10 mm	10 Nos	10.00	549.13	549.13	
0587	Chromium plated Brass screws 30 mm	100 Nos	80.00	232.68	186.14	
9999	Carriage of materials	L.S.	4.42	1.80	7.96	
	LABOUR:					
0111	Carpenter 1 st class	day	0.13	342.00	42.75	
	TOTAL				785.98	
	Add Water Charges @ 1%				7.86	
	TOTAL				793.84	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				111.53	
	Total				905.37	(Y)
	Add CPOH @ 15% on "Y"				135.81	
	Cost of 10 nos				1041.18	
	Cost of each				104.12	
	labour cess @1%				1.04	
	Rate including labour cess				105.16	
9.97.2	**250x10 mm**	**Say Rs.**	**105.20**	**Each**		
	Details of cost for 10 nos.					
	MATERIAL:					
0699	Anodised Aluminium tower bolt (barrel type) 250x10 mm	10 Nos	10.00	456.05	456.05	
0587	Chromium plated Brass screws 30 mm	100 Nos	80.00	232.68	186.14	
9999	Carriage of materials	L.S.	4.42	1.80	7.96	
	LABOUR:					
0111	Carpenter 1 st class	day	0.13	342.00	42.75	
	TOTAL				692.91	
	Add Water Charges @ 1%				6.93	
	TOTAL				699.83	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				98.33	
	Total				798.16	(Y)
	Add CPOH @ 15% on "Y"				119.72	
	Cost of 10 nos				1716.05	
	Cost of each				171.60	
	labour cess @1%				1.72	
	Rate including labour cess				173.32	
9.97.3	**200x10 mm**	**Say Rs.**	**173.30**	**Each**		
	Details of cost for 10 nos.					
	MATERIAL:					
0700	Anodised Aluminium tower bolt (barrel type) 200x10 mm	10 Nos	10.00	362.98	362.98	
0587	Chromium plated Brass screws 30 mm	100 Nos	80.00	232.68	186.14	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					

Code No	Description	Unit	Quantity	Rate	Amount
0111	Carpenter 1 st class	day	0.13	342.00	42.75
	TOTAL				596.79
	Add Water Charges @ 1%				5.97
	TOTAL				602.76 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				84.69
	Total				687.45 (Y)
	Add CPOH @ 15% on "Y"				103.12
	Cost of 10 nos				790.56
	Cost of each				79.06
	labour cess @1%				0.79
	Rate including labour cess				79.85
		Say Rs.	**79.80**	**Each**	
9.97.4	**150x10 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0701	Anodised Aluminium tower bolt (barrel type) 150x10 mm	10 Nos	10.00	288.52	288.52
0587	Chromium plated Brass screws 30 mm	100 Nos	80.00	232.68	186.14
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	342.00	27.36
	TOTAL				506.94
	Add Water Charges @ 1%				5.07
	TOTAL				512.01 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				71.94
	Total				583.95 (Y)
	Add CPOH @ 15% on "Y"				87.59
	Cost of 10 nos				671.54
	Cost of each				67.15
	labour cess @1%				0.67
	Rate including labour cess				67.83
		Say Rs.	**67.80**	**Each**	
9.97.5	**100x10 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0702	Anodised Aluminium tower bolt (barrel type) 100x10 mm	10 Nos	10.00	214.07	214.07
0587	Chromium plated Brass screws 30 mm	100 Nos	60.00	232.68	139.61
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.08	342.00	27.36
	TOTAL				385.95
	Add Water Charges @ 1%				3.86
	TOTAL				389.81 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				54.77
	Total				444.58 (Y)
	Add CPOH @ 15% on "Y"				66.69
	Cost of 10 nos				511.26
	Cost of each				51.13
	labour cess @1%				0.51
	Rate including labour cess				51.64
		Say Rs.	**51.60**	**Each**	
9.98	**Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete.**				
	Details of cost for 10 pull bolt lock				
	MATERIAL:				

Code No	Description	Unit	Quantity	Rate	Amount
2464	Anodised Aluminium pull bolt lock (locking bolt) of size 85 mm x 42 mm with screws, bolts, nuts and washers complete	each	10.00	41.88	418.83
9999	Carriage of materials	L.S.	6.37	1.80	11.47
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	305.00	76.25
	TOTAL				506.54
	Add Water Charges @ 1%				5.07
	TOTAL				511.61 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				71.88
	Total				583.49 (Y)
	Add CPOH @ 15% on "Y"				87.52
	Cost of 10 nos				671.01
	Cost of each				67.10
	labour cess @1%				0.67
	Rate including labour cess				67.77
		Say Rs.	**67.80**	**Each**	
9.99	**Providing and fixing 50 cm long aluminium kicking plate of size 100x3.15 mm, anodised (anodic coating not less than grade AC 10 as per IS :1868), transparent or dyed to required colour or shade, with necessary screws etc. complete.**				
	Details of cost for 10 nos.				
	MATERIAL:				
0706	Anodised Aluminium kicking plate 50 cm long 100x3.15 mm	each	10.00	134.95	1349.55
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73
9999	Carriage of materials	L.S.	5.46	1.80	9.83
	LABOUR:				
0111	Carpenter 1 st class	day	0.07	342.00	23.94
0114	Beldar	day	0.05	254.00	12.70
	TOTAL				1466.75
	Add Water Charges @ 1%				14.67
	TOTAL				1481.42 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				208.14
	Total				1689.56 (Y)
	Add CPOH @ 15% on "Y"				253.43
	Cost of 10 nos				1942.99
	Cost of each				194.30
	labour cess @1%				1.94
	Rate including labour cess				196.24
		Say Rs.	**196.20**	**Each**	
9.100	**Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:**				
9.100.1	**125 mm**				
	Details of cost for 10 nos.				
	MATERIAL:				
0703	Anodised Aluminium handles 125 mm with plate 175 x 32 mm	10 Nos	10.00	307.14	307.14
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR:				
0111	Carpenter 1 st class	day	0.06	342.00	20.52

Code No	Description	Unit	Quantity	Rate	Amount	
	TOTAL				403.31	
	Add Water Charges @ 1%				4.03	
	TOTAL				407.34	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				57.23	
	Total				464.57	(Y)
	Add CPOH @ 15% on "Y"				69.69	
	Cost of 10 nos				534.26	
	Cost of each				53.43	
	labour cess @1%				0.53	
	Rate including labour cess				53.96	
		Say Rs.	**54.00**	**Each**		
9.100.2	**100 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0704	Anodised Aluminium handles 100 mm with plate 150 x 32 mm	10 Nos	10.00	260.60	260.60	
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73	
9999	Carriage of materials	L.S.	1.82	1.80	3.28	
	LABOUR:					
0111	Carpenter 1 st class	day	0.06	342.00	20.52	
	TOTAL				355.13	
	Add Water Charges @ 1%				3.55	
	TOTAL				358.68	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				50.40	
	Total				409.08	(Y)
	Add CPOH @ 15% on "Y"				61.36	
	Cost of 10 nos				470.44	
	Cost of each				47.04	
	labour cess @1%				0.47	
	Rate including labour cess				47.51	
		Say Rs.	**47.50**	**Each**		
9.100.3	**75 mm**					
	Details of cost for 10 nos.					
	MATERIAL:					
0705	Anodised Aluminium handles 75mm with plate 125 x 32 mm	10 Nos	10.00	218.72	218.72	
0589	Chromium plated Brass screws 20 mm	100 nos	40.00	158.22	63.29	
9999	Carriage of materials	L.S.	1.82	1.80	3.28	
	LABOUR:					
0111	Carpenter 1 st class	day	0.06	342.00	20.52	
	TOTAL				305.81	
	Add Water Charges @ 1%				3.06	
	TOTAL				308.86	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				43.40	
	Total				352.26	(Y)
	Add CPOH @ 15% on "Y"				52.84	
	Cost of 10 nos				405.10	
	Cost of each				40.51	
	labour cess @1%				0.41	
	Rate including labour cess				40.91	
		Say Rs.	**40.90**	**Each**		
9.101	**Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.**					
9.101.1	**Single rubber stopper**					

Code No	Description	Unit	Quantity	Rate	Amount	
	Details of cost for 10 nos.					
	MATERIAL:					
2459	Anodised Aluminium hanging type door stopper	each	10.00	16.75	167.53	
0588	Chromium plated Brass screws 25 mm	100 Nos	20.00	176.84	35.37	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.03	342.00	10.26	
	TOTAL				218.07	
	Add Water Charges @ 1%				2.18	
	TOTAL				220.25	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				30.95	
	Total				251.20	(Y)
	Add CPOH @ 15% on "Y"				37.68	
	Cost of 10 nos				288.88	
	Cost of each				28.89	
	labour cess @1%				0.29	
	Rate including labour cess				29.18	
		Say Rs.	**29.20**	**Each**		
9.101.2	**Twin rubber stopper**					
	Details of cost for 10 nos.					
	MATERIAL:					
7059	Aluminium hanging floor door stopper with twin rubber & stopper	each	10.00	25.13	251.30	
0588	Chromium plated Brass screws 25 mm	100 Nos	20.00	176.84	35.37	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR:					
0111	Carpenter 1 st class	day	0.03	342.00	10.26	
	TOTAL				301.84	
	Add Water Charges @ 1%				3.02	
	TOTAL				304.86	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				42.83	
	Total				347.69	(Y)
	Add CPOH @ 15% on "Y"				52.15	
	Cost of 10 nos				399.84	
	Cost of each				39.98	
	labour cess @1%				0.40	
	Rate including labour cess				40.38	
		Say Rs.	**40.40**	**Each**		
9.102	**Providing and fixing aluminium casement stays, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.**					
	Details of cost for 10 nos.					
	MATERIAL:					
2465	Anodised Aluminium Casement stay 250 mm	each	10.00	27.92	279.22	
0588	Chromium plated Brass screws 25 mm	100 Nos	40.00	176.84	70.73	
9999	Carriage of materials	L.S.	0.91	1.80	1.64	
	LABOUR:					
0111	Carpenter 1 st class	day	0.10	342.00	34.20	
	TOTAL				385.79	
	Add Water Charges @ 1%				3.86	
	TOTAL				389.65	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				54.75	
	Total				444.39	(Y)
	Add CPOH @ 15% on "Y"				66.66	
	Cost of 10 nos				511.05	

Code No	Description	Unit	Quantity	Rate	Amount	
	Cost of each				51.11	
	labour cess @1%				0.51	
	Rate including labour cess				51.62	
		Say Rs.	**51.60**	**Each**		
9.103	**Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete .**					
	Details of cost for 1 lock					
	MATERIAL:					
7001	Brass 100mm mortice latch and lock with 6 levers without pair of handles	each	1.00	204.76	204.76	
7003	Pair of Anodised Aluminium lever handles for 100 mm mortice latch and lock	each	1.00	209.41	209.41	
	LABOUR:					
0111	Carpenter 1 st class	day	0.17	342.00	58.14	
9999	Sundries including carriage of materials	L.S.	4.55	1.80	8.19	
	TOTAL				480.50	
	Add Water Charges @ 1%				4.81	
	TOTAL				485.31	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				68.19	
	Total				553.49	(Y)
	Add CPOH @ 15% on "Y"				83.02	
	Cost of each				636.52	
	labour cess @1%				6.37	
	Rate including labour cess				642.88	
		Say Rs.	**642.90**	**Each**		
9.104	**Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod.**					
	Details of cost for 2m long					
	MATERIAL:					
7056	Aluminium tee channel (heavy duty) with rollers and stop end	metre	2.00	48.40	96.80	
9999	Labour	L.S.	2.73	1.80	4.91	
9999	Sundries	L.S.	1.43	1.80	2.57	
	TOTAL				104.28	
	Add Water Charges @ 1%				1.04	
	TOTAL				105.33	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				14.80	
	Total				120.12	(Y)
	Add CPOH @ 15% on "Y"				18.02	
	Cost of 2 metre				138.14	
	Cost of 1 metre				69.07	
	labour cess @1%				0.69	
	Rate including labour cess				69.76	
		Say Rs.	**69.80**	**Per metre**		

Code No	Description	Unit	Quantity	Rate	Amount
9.105	**Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/ sqm(both side inclusive), consisting of floor and ceiling channel 50 mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.**				
9.105.1	**75 mm overall thickness partition with 12.5 mm thick double skin fire rated board conforming to IS:2095: part I** Details of cost for 6.00x3.65 = 21.9 sqm (Partition Panel) **MATERIAL:**				
7366	Glass reinforced Gypsum (GRG) board 12.5 mm thick 50mm floor and ceiling channel 2x6.00 =12m	sqm	43.80	232.68	10191.42
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm 48mm stud-72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65 = 40.15m	metre	12.00	55.84	670.12
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm	metre	40.15	69.80	2802.64
7020	All drive screws (for gypsum board) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 Total = 392	100 Nos	392.00	55.84	218.91
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt [(6.00/0.61)+1]x2=22	each	22.00	11.17	245.71
7048	Rawl plug 50 mm (designation 10 nos) [(3.65/0.45)+1]x2= 18	each	18.00	9.31	167.53
0869	Plaster of Paris 88/100)x21.9 = 19.27	kilogram	19.27	3.72	71.74
0763	Glue 22/100)x21.90=4.82	kilogram	4.82	65.15	314.03
7018	Joint tape roll (120m roll) 300/100)x21.90/120 = 0.584 Nos	roll	0.58	97.73	57.07
7021	Primer (for gypsum board) 36/100)21.90 = 7.88 litre	litre	7.88	67.94	535.39
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm				

Code No	Description	Unit	Quantity	Rate	Amount
	long round head with slots 11x2x2=44	10 Nos	44.00	35.37	155.62
1211	G.I. plain washer for seam bolts	100 Nos	27.92	30.00	8.38
9999	Sundries and carriage	L.S.	52.00	1.80	93.60
9999	Sundries scaffolding	L.S.	130.00	1.80	234.00
	Labour for 21.90 sqm.				
0111	Carpenter 1 st class @ 0.3x21.90	day	6.57	342.00	2246.94
0112	Carpenter 2nd class @ 0.13x21.90	day	2.85	305.00	868.34
0131	Painter @0.05x21.90	day	1.10	323.00	353.69
0114	Beldar @0.35x21.90	day	7.67	254.00	1946.91
	TOTAL				21182.02
	Add Water Charges @ 1%				211.82
	TOTAL				21393.84 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3005.83
	Total				24399.68 (Y)
	Add CPOH @ 15% on "Y"				3659.95
	Cost of 21.9 sqm				28059.63
	Cost of 1 sqm				1281.26
	labour cess @1%				12.81
	Rate including labour cess				1294.07
		Say Rs.	**1294.10**	**Per sqm**	
9.105.2	**75 mm overall thickness partition with 12.5 mm thick double skin tapered edged plain Gypsum board conforming to IS: 2095: part I**				
	Details of cost for 6.00x3.65 = 21.9 sqm (Partition Panel)				
	MATERIAL:				
8717	12.5 mm thick Glass fibre reinforced Gypsum board Gypsum board -2x6.00x3.65=43.80sqm	sqm	43.80	181.49	7949.31
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm 2x6.00 = 12m	metre	12.00	55.84	670.12
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm 72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65 = 40.15m	metre	40.15	69.80	2802.64
7020	All drive screws (for gypsum board) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 Total = 392	100 Nos	392.00	55.84	218.91
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt [(6.00/0.61)+1]x2=22	each	22.00	11.17	245.71
7048	Rawl plug 50 mm (designation 10 nos) [(3.65/0.45)+ 1]x2= 18	each	18.00	9.31	167.53
0869	Plaster of Paris (88/100)x21.9 = 19.27	kilogram	19.27	3.72	71.74
0763	Glue (22/100)x21.90=4.82	kilogram	4.82	65.15	314.03
7018	Joint tape roll (120m roll) (300/100)x21.90/120 = 0.584 Nos.	roll	0.58	97.73	57.07

Code No	Description	Unit	Quantity	Rate	Amount
7021	Primer (for gypsum board) (36/100)21.90 = 7.88 litre	litre	7.88	67.94	535.39
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 11x2x2=44	10 Nos	44.00	35.37	155.62
1211	G.I. plain washer for seam bolts	100 Nos	44.00	30.00	13.20
9999	Sundries carriage	L.S.	52.00	1.80	93.60
9999	Sundries scaffolding	L.S.	130.00	1.80	234.00
	Labour for 21.90 sqm.				
0111	Carpenter 1 st class 0.3x21.90	day	6.57	342.00	2246.94
0112	Carpenter 2nd class 0.13x21.90	day	2.85	305.00	868.34
0131	Painter 0.05x21.90	day	1.10	323.00	353.69
0114	Beldar 0.35x21.90	day	7.67	254.00	1946.91
	TOTAL				18944.73
	Add Water Charges @ 1%				189.45
	TOTAL				19134.18 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2688.35
	Total				21822.53 (Y)
	Add CPOH @ 15% on "Y"				3273.38
	Cost of 21.9 sqm				25095.91
	Cost of 1 sqm				1145.93
	labour cess @1%				11.46
	Rate including labour cess				**1157.39**
		Say Rs.	**1157.40**	**Per sqm**	
9.105.3	**66 mm overall thickness Partition with 8 mm thick double skin Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process with Compressive Strength 225 kg/sq cm, Bending Strength 100 kg/ sq cm** Details of cost for 6.00x3.65 = 21.9 sqm. (Partition Panel) **MATERIAL:**				
8699	8 mm thick tapered edge calcium silicate board	sqm	43.80	232.68	10191.42
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm 2x6.00 = 12m	metre	12.00	55.84	670.12
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm 72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65= 40.15m	metre	40.15	69.80	2802.64
7020	All drive screws (for gypsum board) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 Total = 392	100 Nos	392.00	55.84	218.91
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt [(6.00/0.61)+1]x2=22	each	22.00	11.17	245.71
7048	Rawl plug 50 mm (designation 10 nos) [(3.65/0.45)+1]x2= 18	each	18.00	9.31	167.53

Code No	Description	Unit	Quantity	Rate	Amount
0869	Plaster of Paris (88/100)x21.9 = 19.27	kilogram	19.27	3.72	71.74
0763	Glue (22/100)x21.90=4.82	kilogram	4.82	65.15	314.03
7018	Joint tape roll (120m roll)(300/100)x21.90/120 = 0.584 Nos	roll	0.58	97.73	57.07
7021	Primer (for gypsum board) (36/100)21.90 = 7.88 litre	litre	7.88	67.94	535.39
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 11x2x2=44	10 Nos	44.00	35.37	155.62
1211	G.I. plain washer for seam bolts	100 Nos	44.00	30.00	13.20
9999	Sundries carriage	L.S.	52.00	1.80	93.60
9999	Sundries scaffolding	L.S.	130.00	1.80	234.00
	Labour for 21.90 sqm.				
0111	Carpenter 1 st class 0.3x21.90	day	6.57	342.00	2246.94
0112	Carpenter 2nd class 0.13x21.90	day	2.85	305.00	868.34
0131	Painter 0.05x21.90	day	1.10	323.00	353.69
0114	Beldar 0.35x21.90	day	7.67	254.00	1946.91
	TOTAL				21186.84
	Add Water Charges @ 1%				211.87
	TOTAL				21398.71 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3006.52
	Total				24405.23 (Y)
	Add CPOH @ 15% on "Y"				3660.78
	Cost of 21.9 sqm				28066.02
	Cost of 1 sqm				1281.55
	labour cess @1%				12.82
	Rate including labour cess				1294.37
		Say Rs.	**1294.40**	**Per sqm**	
9.105.4	**66 mm overall thickness partition using 8 mm thick double skin non- asbestos multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (High pressure steam cured) as per IS: 14862 with suitable fibre cement screws** Details of cost for **MATERIAL:**				
0237	Multi purpose fibre (high impact poly propelene reinforced) cement board 8 mm thick	sqm	43.80	200.11	8764.62
7367	Galvanised M.S. sheet 0.5 mm thick pressed channel section of size 50x32 mm 2x6.00 =12m	metre	12.00	55.84	670.12
7369	Galvanised M.S. sheet 0.50 mm thick pressed stud : 48x34x36 mm 72x34x36x0.5mm (6.00/0.61)+1 = 11x3.65 = 40.15m	metre	40.15	69.80	2802.64
7020	All drive screws (for gypsum board) [(3.65/0.30)+1]x11x2 = 308 [(6.00/0.30)+1]x2x2=84 Total = 392	100 Nos	392.00	55.84	218.91

Code No	Description	Unit	Quantity	Rate	Amount
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt [(6.00/0.61)+1]x2=22	each	22.00	11.17	245.71
7048	Rawl plug 50 mm (designation 10 nos) [(3.65/0.45)+1]x2= 18	each	18.00	9.31	167.53
0869	Plaster of Paris (88/100)x21.9 = 19.27	kilogram	19.27	3.72	71.74
0763	Glue (22/100)x21.90=4.82	kilogram	4.82	65.15	314.03
7018	Joint tape roll (120m roll) (300/100)x21.90/120 = 0.584 No	roll	0.58	97.73	57.07
7021	Primer (for gypsum board) (36/100)21.90 = 7.88 litre	litre	7.88	67.94	535.39
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 11x2x2=44	10 Nos	44.00	35.37	155.62
1211	G.I. plain washer for seam bolts	100 Nos	44.00	30.00	13.20
9999	Sundries carriage	L.S.	52.00	1.80	93.60
9999	Sundries scaffolding	L.S.	130.00	1.80	234.00
	Labour for 21.90 sqm.				
0111	Carpenter 1 st class 0.3x21.90	day	6.57	342.00	2246.94
0112	Carpenter 2nd class 0.13x21.90	day	2.85	305.00	868.34
0131	Painter 0.05x21.90	day	1.10	323.00	353.69
0114	Beldar 0.35x21.90	day	7.67	254.00	1946.91
	TOTAL				19760.05
	Add Water Charges @ 1%				197.60
	TOTAL				19957.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2804.05
	Total				22761.70 (Y)
	Add CPOH @ 15% on "Y"				3414.25
	Cost of 21.9 sqm				26175.95
	Cost of 1 sqm				1195.25
	labour cess @1%				11.95
	Rate including labour cess				1207.20
		Say Rs.	**1207.20**	**Per sqm**	
9.106	**Providing and fixing PTMT handles with necessary screws etc. complete.**				
9.106.1	**125x34x24 mm weighing not less than 23 gms**				
	Details of cost for ten nos.				
	MATERIAL :				
7512	PTMT handle 125x34x24 mm	each	10.00	23.27	232.68
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	40.00	34.44	13.77
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR :				
0112	Carpenter 2nd class	day	0.06	305.00	18.30
	TOTAL				269.67
	Add Water Charges @ 1%				2.70
	TOTAL				272.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				38.27
	Total				310.63 (Y)
	Add CPOH @ 15% on "Y"				46.60
	Cost of 10 nos.				357.23

Code No	Description	Unit	Quantity	Rate	Amount
	Cost of each				35.72
	labour cess @1%				0.36
	Rate including labour cess				36.08
		Say Rs.	**36.10**	**Each**	
9.106.2	**150x34x24 mm weighing not less than 26 gms**				
	Details of cost for ten nos.				
	MATERIAL :				
7513	PTMT handle 150x34x24 mm	each	10.00	23.27	232.68
0639	Bright finished or black enameled mild steel screws				
	25 mm	100 Nos	40.00	34.44	13.77
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR :				
0112	Carpenter 2nd class	day	0.06	305.00	18.30
	TOTAL				269.67
	Add Water Charges @ 1%				2.70
	TOTAL				272.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				38.27
	Total				310.63 (Y)
	Add CPOH @ 15% on "Y"				46.60
	Cost of 10 nos.				357.23
	Cost of each				35.72
	labour cess @1%				0.36
	Rate including labour cess				36.08
		Say Rs.	**36.10**	**Each**	
9.107	**Providing and fixing PTMT Butt hinges with necessary screws etc. complete.**				
9.107.1	**75x60x10 mm fitted with 5.5 mm dia M.S. Bright Bar Rod weighing not less than 34 gms**				
	Details of cost for ten nos.				
	MATERIAL				
7514	PTMT butt hinges 75x60x10 mm	each	10.00	32.58	325.75
0638	Bright finished or black enameled mild steel screws				
	30 mm	100 Nos	60.00	46.54	27.92
9999	Carriage of materials	L.S.	1.82	1.80	3.28
	LABOUR :				
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.09	254.00	22.86
	TOTAL				422.51
	Add Water Charges @ 1%				4.23
	TOTAL				426.74 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				59.96
	Total				486.69 (Y)
	Add CPOH @ 15% on "Y"				73.00
	Cost of 10 nos.				559.70
	Cost of each				55.97
	labour cess @1%				0.56
	Rate including labour cess				56.53
		Say Rs.	**56.50**	**Each**	
9.107.2	**100x75x10 mm fitted with 5.5 mm dia MS Bright Bar Rod weighing not less than 53 gms**				
	Details of cost for ten nos.				
	MATERIAL :				
7515	PTMT butt hinges 100x75x10 mm	each	10.00	41.88	418.83
0637	Bright finished or black enameled mild steel screws				
	40 mm	100 Nos	80.00	58.64	46.91
9999	Carriage of materials	L.S.	2.73	1.80	4.91

Code No	Description	Unit	Quantity	Rate	Amount	
	LABOUR :					
0112	Carpenter 2nd class	day	0.14	305.00	42.70	
0114	Beldar	day	0.09	254.00	22.86	
	TOTAL				536.21	
	Add Water Charges @ 1%				5.36	
	TOTAL				541.57	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				76.09	
	Total				617.66	(Y)
	Add CPOH @ 15% on "Y"				92.65	
	Cost of 10 nos				710.31	
	Cost of each				71.03	
	labour cess @1%				0.71	
	Rate including labour cess				71.74	
		Say Rs.	**71.70**	**Each**		
9.108	**Providing and fixing PTMT Tower Bolts with 12 mm one piece rod inside and necessary screws etc.,complete.**					
9.108.1	**152x42x18 mm weighing not less than 60 gms**					
	Details of cost for ten nos					
	MATERIAL :					
7516	PTMT Tower bolt 152x42x18 mm	each	10.00	46.54	465.36	
0638	Bright finished or black enameled mild steel screws 30 mm	100 Nos	60.00	46.54	27.92	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR :					
0112	Carpenter 2nd class	day	0.08	305.00	24.40	
	TOTAL				522.60	
	Add Water Charges @ 1%				5.23	
	TOTAL				527.82	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				74.16	
	Total				601.98	(Y)
	Add CPOH @ 15% on "Y"				90.30	
	Cost of 10 nos				692.28	
	Cost of each				69.23	
	labour cess @1%				0.69	
	Rate including labour cess				69.92	
		Say Rs.	**69.90**	**Each**		
9.108.2	**202x42x18 mm weighing not less than 78 gms**					
	Details of cost for ten nos					
	MATERIAL :					
7517	PTMT Tower bolt 202x42x18 mm	each	10.00	65.15	651.51	
0638	Bright finished or black enameled mild steel screws 30 mm	100 Nos	80.00	46.54	37.23	
9999	Carriage of materials	L.S.	2.73	1.80	4.91	
	LABOUR :					
0112	Carpenter 2nd class	day	0.10	305.00	30.50	
	TOTAL				724.15	
	Add Water Charges @ 1%				7.24	
	TOTAL				731.39	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				102.76	
	Total				834.15	(Y)
	Add CPOH @ 15% on "Y"				125.12	
	Cost of 10 nos				959.27	
	Cost of each				95.93	
	labour cess @1%				0.96	
	Rate including labour cess				96.89	

Code No	Description	Unit	Quantity	Rate	Amount
		Say Rs.	**96.90**	**Each**	
9.109	**Providing and fixing PTMT door catcher of length 72 mm and dia. of 42 mm with suitable washers weighing not less than 33 gms.**				
	Details of cost for ten nos				
	MATERIAL :				
7518	PTMT door catcher 72x42 mm	each	10.00	23.27	232.68
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	20.00	34.44	6.89
9999	Carriage of materials	L.S.	2.73	1.80	4.91
	LABOUR :				
0111	Carpenter 1 st class	day	0.03	342.00	10.26
	TOTAL				254.74
	Add Water Charges @ 1%				2.55
	TOTAL				257.29 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				36.15
	Total				293.44 (Y)
	Add CPOH @ 15% on "Y"				44.02
	Cost of 10 nos				337.45
	Cost of each				33.75
	labour cess @1%				0.34
	Rate including labour cess				34.08
		Say Rs.	**34.10**	**Each**	
9.110	**Providing and fixing Bamboo jaffery/ fencing consisting of superior quality 25 mm dia (Average) half cut bamboo placed vertically and fixed together with three numbers horizontal running members of hallock wood in scantling of section 50X25 mm, fixed with nails and G.I wire on existing support, complete as per direction of Engineer-in-Charge.**				
	Details of cost for a bamboo jaffery of size 1.00mx2.10m = 2.10sqm MATERIAL: Bamboo 25mm of 100/ 2.50 = 40 NosHalf cut off = 40/2 =20 Nos. x 2.10 = 42.00mAdd wastage @ 15% = 6.30m Total = 48.30m Rate of Bamboo 25 mm dia 2.5 metre long for one score i.e. 20nos is Rs. 192for 48.30m qty 48.30 /(2.5*20) =0.966				
0305	Bamboo 25 mm dia 2.5 metre long	score	0.97	372.29	359.63
9999	Carriage of bamboo	L.S.	4.83	1.80	8.69
2466	Hollock wood in scantling 3 Nos. (1.00 x 0.05 x 0.025) = 0.00375 cum Add wastage @ 5% = 0.00019 cum Total = 0.00394 cum or 3.94 cudm	10 cudm	3.94	316.45	124.68
2204	Carriage of timber	cum	0.004	123.51	0.49
9999	Nails and wire	L.S.	20.25	1.80	36.45
	LABOUR:				
0112	Carpenter 2nd class	day	0.25	305.00	76.25
0114	Beldar	day	0.25	254.00	63.50
9999	Sundries	L.S.	10.05	1.80	18.09
	TOTAL				687.78
	Add Water Charges @ 1%				6.88
	TOTAL				694.66 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				97.60

Code No	Description	Unit	Quantity	Rate	Amount	
	Total				792.26	(Y)
	Add CPOH @ 15% on "Y"				118.84	
	Cost of 2.1 sqm				911.10	
	Cost of 1 sqm				433.86	
	labour cess @1%				4.34	
	Rate including labour cess				438.19	
		Say Rs.	**438.20**	**per sqm**		
9.111	**Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood.**					
9.111.1	**50x50 mm (base and height)**					
	Details of cost for beading = 5.00 m					
	MATERIAL:					
	Teak wood 2nd class in plan ks 5.00x.05x.05/2 = 0.00625 cumAdd wastage @10% = 0.00063Total = 0.00688 cum say 6.88 cudm					
1190	Second class teak wood in planks	10 cudm	6.88	628.24	432.23	
2204	Carriage of timber	cum	0.01	0.00	0.00	
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	6.00	58.64	3.52	
	Priming coatArea 5.0 x (.05 +.05) = 0.50 sqm					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	0.50	32.20	16.10	A
	LABOUR:					
	For plaining, fixing & making design					
0111	Carpenter 1 st class	day	0.75	342.00	256.50	
	TOTAL				708.35	
	Add Water Charges @ 1% except on A i.e on (708.346083404255 - 16.1)=				6.92	
	TOTAL				715.27	(X)
	Add GST 12% on "X" except on A(multiplying factor 0.1405)				98.23	
	Total				813.50	(Y)
	Add CPOH @ 15% on "Y"except on A i.e on (813.501724703779 - 16.1)=				119.61	
	Cost of 5 metre				933.11	
	Cost of 1 metre				186.62	
	labour cess @1%				1.87	
	Rate including labour cess				188.49	
		Say Rs.	**188.50**	**per metre**		
9.112	**Providing and fixing 2nd class teak wood lipping / moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws / nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-Charge.**					
	Details of cost for 10. 00 m					
	MATERIAL:					
8719	2nd class teak wood lipping / moulded beading or Taj beading of size 18X5 mm	metre	10.00	32.58	325.75	
	LABOUR:					
0112	Carpenter 2nd class	day	0.25	305.00	76.25	
0114	Beldar	day	0.25	254.00	63.50	
	TOTAL				465.50	

Code No	Description	Unit	Quantity	Rate	Amount	
	Add Water Charges @ 1%				4.66	
	TOTAL				470.16	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				66.06	
	Total				536.22	(Y)
	Add CPOH @ 15% on "Y"				80.43	
	Cost of 10 metre				616.65	
	Cost of 1 metre				61.66	
	labour cess @1%				0.62	
	Rate including labour cess				62.28	
		Say Rs.	**62.30**	**per metre**		
9.113	**Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineerin- charge.**					
	Details of cost for 1 No.					
8716	100 mm mortice lock with 6 levers for aluminium door	each	1.00	316.45	316.45	
	LABOUR:					
0111	Carpenter 1 st class	day	0.13	305.00	39.65	
9999	Sundries (screws, carriage etc.)	L.S.	2.60	1.80	4.68	
	TOTAL				360.78	
	Add Water Charges @ 1%				3.61	
	TOTAL				364.38	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				51.20	
	Total				415.58	(Y)
	Add CPOH @ 15% on "Y"				62.34	
	Cost of each				477.92	
	labour cess @1%				4.78	
	Rate including labour cess				482.70	
		Say Rs.	**482.70**	**Each**		
9.114	**Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete .**					
9.114.1	**Triple strip vertical type**					
	Details of cost for 1 No.					
	MATERIAL:					
8714	Magnetic catcher triple strip vertical type	each	1.00	18.61	18.61	
9999	Sundries including screws and fixing charges.	L.S.	2.60	1.80	4.68	
	TOTAL				23.29	
	Add Water Charges @ 1%				0.23	
	TOTAL				23.53	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3.31	
	Total				26.83	(Y)
	Add CPOH @ 15% on "Y"				4.02	
	Cost of each				30.86	
	labour cess @1%				0.31	
	Rate including labour cess				31.17	
		Say Rs.	**31.20**	**Each**		
9.114.2	**Double strip (horizontal type)**					
	Details of cost for one no.					
	MATERIAL:					
8715	Magnetic catcher double strip horizontal type	each	1.00	13.03	13.03	
9999	Sundries including screws and fixing charges.	L.S.	2.60	1.80	4.68	
	TOTAL				17.71	
	Add Water Charges @ 1%				0.18	

Code No	Description	Unit	Quantity	Rate	Amount	
	TOTAL				17.89	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2.51	
	Total				20.40	(Y)
	Add CPOH @ 15% on "Y"				3.06	
	Cost of each				23.46	
	labour cess @1%				0.23	
	Rate including labour cess				23.70	
		Say Rs.	**23.70**	**Each**		
9.115	**Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer-in-charge.**					
	Details of cost for 10 sets					
	MATERIAL:					
8703	Telescopic drawer channels 300 mm long	set	10.00	139.61	1396.09	
9999	Carriage	L.S.	19.50	1.80	35.10	
9999	Sundries including screws and fixing charges.	L.S.	100.10	1.80	180.18	
	TOTAL				1611.37	
	Add Water Charges @ 1%				16.11	
	TOTAL				1627.48	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				228.66	
	Total				1856.14	(Y)
	Add CPOH @ 15% on "Y"				278.42	
	Cost of 10 sets				2134.56	
	Cost of one set				213.46	
	labour cess @1%				2.13	
	Rate including labour cess				215.59	
		Say Rs.	**215.60**	**Each set**		
9.116	**Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter by with stainless steel rollers to run inside C or E aluminium channel section (The payment of C or E channel shall be made separately)**					
	Details of cost for 1 No.					
	MATERIAL:					
8704	Stainless steel roller for sliding arrangement in racks/ cupboards/cabinets shutter	each	1.00	8.38	8.38	
9999	Labour for fixing	L.S.	1.04	1.80	1.87	
	TOTAL				10.25	
	Add Water Charges @ 1%				0.10	
	TOTAL				10.35	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1.45	
	Total				11.81	(Y)
	Add CPOH @ 15% on "Y"				1.77	
	Cost of each				13.58	
	labour cess @1%				0.14	
	Rate including labour cess				13.71	
		Say Rs.	**13.70**	**Each**		

Code No	Description	Unit	Quantity	Rate	Amount
9.117	**Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ±1mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge**				
9.117.1	**Extruded section profile size 48x40 mm**				
	Details of cost for 5 metre				
	MATERIAL:				
8010	48mmX40mmX1.5mm thick Factory made door frame of PVC extruded sections in white, grey or wooden finish	metre	5.00	148.92	744.58
	LABOUR:				
0156	Carpenter (average)	day	0.15	305.00	45.75
0114	Beldar	day	0.15	254.00	38.10
9999	Sundries	L.S.	4.68	1.80	8.42
	TOTAL				836.85
	Add Water Charges @ 1%				8.37
	TOTAL				845.22 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				118.75
	Total				963.97 (Y)
	Add CPOH @ 15% on "Y"				144.60
	Cost of 5 metre				1108.57
	Cost of 1 metre				221.71
	labour cess @1%				2.22
	Rate including labour cess				223.93
		Say Rs.	**223.90**	**Per metre**	
9.117.2	**Extruded section profile size 42x50 mm**				
	Details of cost for 5 metre				
	MATERIAL:				
8705	50 mmX42 mmX2 mm thick Factory made door frame of PVC extruded sections in white, grey or wooden finish	metre	5.00	139.61	698.04
	LABOUR:				
0156	Carpenter (average)	day	0.15	305.00	45.75
0114	Beldar	day	0.15	254.00	38.10
9999	Sundries	L.S.	4.68	1.80	8.42
	TOTAL				790.32
	Add Water Charges @ 1%				7.90
	TOTAL				798.22 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				112.15
	Total				910.37 (Y)
	Add CPOH @ 15% on "Y"				136.56
	Cost of 5 metre				1046.93
	Cost of 1 metre				209.39
	labour cess @1%				2.09
	Rate including labour cess				211.48
		Say Rs.	**211.50**	**Per metre**	
9.118	**Providing and fixing to existing door frames.**				

Code No	Description	Unit	Quantity	Rate	Amount
9.118.1	**24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multichambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).**				
	Details of cost for one door shutter 2.20x1.08m = 2.38 sqm				
	MATERIAL:				
8001	24 mm thick Factory made shutters with style, rails and panels of PVC extruded sections in white, grey or wooden finish including carriage	sqm	2.38	1298.36	3090.09
	LABOUR:				
0156	Carpenter (average)	day	0.40	305.00	122.00
0114	Beldar	day	0.40	254.00	101.60
9999	Sundries	L.S.	20.36	1.80	36.65
	TOTAL				3350.34
	Add Water Charges @ 1%				33.50
	TOTAL				3383.85 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				475.43
	Total				3859.28 (Y)
	Add CPOH @ 15% on "Y"				578.89
	Cost of 2.38 sqm				4438.17
	Cost of 1 sqm				1864.78
	labour cess @1%				18.65
	Rate including labour cess				1883.42
		Say Rs.	**1883.40**	**Per sqm**	
9.118.2	**30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-incharge.**				
	Details of cost for one door shutter 2.20x1.08m = 2.38 sqm				
	MATERIAL:				
8002	30 mm thick Factory made shutters with style, rails and panels of PVC extruded sections in white, grey or wooden finish	sqm	2.38	1416.56	3371.42

Code No	Description	Unit	Quantity	Rate	Amount	
	LABOUR:					
0156	Carpenter (average)	day	0.40	305.00	122.00	
0114	Beldar	day	0.40	254.00	101.60	
9999	Sundries	L.S.	20.36	1.80	36.65	
	TOTAL				3631.66	
	Add Water Charges @ 1%				36.32	
	TOTAL				3667.98	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				515.35	
	Total				4183.33	(Y)
	Add CPOH @ 15% on "Y"				627.50	
	Cost of 2.38 sqm				4810.83	
	Cost of 1 sqm				2021.36	
	labour cess @1%				20.21	
	Rate including labour cess				2041.57	
		Say Rs.	**2041.60**	**Per sqm**		

9.118.3 **25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mm X 25 mm or less as per requirement with an average wall thickness of 1 mm (± 0.3 mm). PVC foam end cap of size 23x10 mm are provided on both vertical edges to ensure the overall thickness of 25 mm. An M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (± 0.1 mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25mm X 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places.**

Details of cost for one door shutter 2.20x1.08m = 2.38 sqm

	MATERIAL:					
8706	25 mm thick factory made PVC flush door shutter i/c carriage	sqm	2.38	1582.23	3765.71	
	LABOUR:					
0156	Carpenter (average)	day	0.40	305.00	122.00	
0114	Beldar	day	0.40	254.00	101.60	
9999	Sundries	L.S.	20.36	1.80	36.65	
	TOTAL				4025.95	
	Add Water Charges @ 1%				40.26	
	TOTAL				4066.21	
	Add GST 12% on "X" (multiplying factor 0.1405)				571.30	
	Total				4637.52	(Y)
	Add CPOH @ 15% on "Y"				695.63	
	Cost of 2.38 sqm				5333.15	
	Cost of 1 sqm				2240.82	
	labour cess @1%				22.41	
	Rate including labour cess				2263.23	
		Say Rs.	**2263.20**	**Per sqm**		

9.119 **Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm,made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.**

Code No	Description	Unit	Quantity	Rate	Amount
	Details of cost for one door frame of 5 metre				
	MATERIAL:				
8011	Factory made door frame PVC extruded sheet i/c carriage	metre	5.00	325.75	1628.77
	LABOUR:				
0156	Carpenter (average)	day	0.15	305.00	45.75
0114	Beldar	day	0.15	254.00	38.10
9999	Sundries	L.S.	7.80	1.80	14.04
	TOTAL				1726.66
	Add Water Charges @ 1%				17.27
	TOTAL				1743.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				245.02
	Total				1988.94 (Y)
	Add CPOH @ 15% on "Y"				298.34
	Cost of 5 metre				2287.29
	Cost of 1 metre				457.46
	labour cess @1%				4.57
	Rate including labour cess				462.03
		Say Rs.	**462.00**	**Per metre**	

9.120 **Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S.frame shall have a coat of steel primers of approved make and manufacture . M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick,95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing.**

9.120.1 **30 mm thick plain PVC door shutters**

Details of cost for one door shutter 2.20x1.08m = 2.38 sqm

MATERIAL:

8003	Factory made PVC rigid foam panelled shutter i/c carriage	sqm	2.38	2047.59	4873.27
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	79.11	31.64
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
9.118	Providing and fixing to existing door frames.				
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.40	305.00	122.00
0114	Beldar	day	0.40	254.00	101.60
9999	Sundries	L.S.	20.36	1.80	36.65

Code No	Description	Unit	Quantity	Rate	Amount	
	TOTAL				5195.69	
	Add Water Charges @ 1%				51.96	
	TOTAL				5247.64	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				737.29	
	Total				5984.94	(Y)
	Add CPOH @ 15% on "Y"				897.74	
	Cost of 2.38 sqm				6882.68	
	Cost of 1 sqm				2891.88	
	labour cess @1%				28.92	
	Rate including labour cess				2920.80	
		Say Rs.	**2920.80**	**Per sqm**		
9.120.2	**30 mm thick pre laminated PVC door shutters**					
	Details of cost for one door shutter					
	2.20x1.08m = 2.38 sqm					
	MATERIAL:					
	Factory made PVC rigid foam panelled shutter as per IS :					
8004	4020 i/c carriage	sqm	2.38	2419.88	5759.32	
8100	Powder coated M.S. butt hinges 100 mm X58 mmX1.9 mm	10 Nos	4.00	79.11	31.64	
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15	
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38	
	LABOUR:					
0156	Carpenter (average)	day	0.40	305.00	122.00	
0114	Beldar	day	0.40	254.00	101.60	
9999	Sundries	L.S.	20.36	1.80	36.65	
	TOTAL				6081.74	
	Add Water Charges @ 1%				60.82	
	TOTAL				6142.55	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				863.03	
	Total				7005.58	(Y)
	Add CPOH @ 15% on "Y"				1050.84	
	Cost of 2.38 sqm				8056.42	
	Cost of 1 sqm				3385.05	
	labour cess @1%				33.85	
	Rate including labour cess				3418.90	
		Say Rs.	**3418.90**	**Per sqm**		
9.121	**Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness.The laminate shall be moulded with fire resistant grade unsaturated polyester re sin and chopped mat . Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.**					
	Details of cost for one door frame of 5 metre					
	MATERIAL:					
	Factory made glass reinforced plastic door frame 90x45					
8707	mm i/c carriage	metre	5.00	307.14	1535.69	
	LABOUR:					
0156	Carpenter (average)	day	0.15	305.00	45.75	
0114	Beldar	day	0.15	254.00	38.10	
9999	Sundries	L.S.	7.80	1.80	14.04	
	TOTAL				1633.58	

Code No	Description	Unit	Quantity	Rate	Amount
	Add Water Charges @ 1%				16.34
	TOTAL				1649.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				231.81
	Total				1881.73 (Y)
	Add CPOH @ 15% on "Y"				282.26
	Cost of 5 metre				2163.99
	Cost of 1 metre				432.80
	labour cess @1%				4.33
	Rate including labour cess				437.13
		Say Rs.	**437.10**	**Per metre**	
9.122	**Providing and fixing to existing door frames.**				
9.122.1	**30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames.**				
	Details of cost for one door shutter 2.20x1.08m = 2.38 sqm MATERIAL:				
8708	30 mm thick factory made glass fiber reinforced plastic panel door shutter i/c carriage	sqm	2.38	1582.23	3765.71
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	79.11	31.64
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.40	305.00	122.00
0114	Beldar	day	0.40	254.00	101.60
9999	Sundries	L.S.	20.36	1.80	36.65
	TOTAL				4088.13
	Add Water Charges @ 1%				40.88
	TOTAL				4129.01 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				580.13
	Total				4709.13 (Y)
	Add CPOH @ 15% on "Y"				706.37
	Cost of 2.38 sqm				5415.50
	Cost of 1 sqm				2275.42
	labour cess @1%				22.75
	Rate including labour cess				2298.18
		Say Rs.	**2298.20**	**Per sqm**	
9.122.2	**30 mm thick Fiber glass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF) / Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge.**				
	Details of cost for one door shutter 2.20x1.08m = 2.38 sqm MATERIAL:				
8730	30 mm thick factory made glass fiber reinforced plastic				

Code No	Description	Unit	Quantity	Rate	Amount
	flush door shutter i/c carriage	sqm	2.38	1861.45	4430.24
8100	Powder coated M.S. butt hinges 100 mm X58 mm X 1.9 mm	10 Nos	4.00	79.11	31.64
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.40	305.00	122.00
0114	Beldar	day	0.40	254.00	101.60
9999	Sundries	L.S.	20.36	1.80	36.65
	TOTAL				4752.66
	Add Water Charges @ 1%				47.53
	TOTAL				4800.19 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				674.43
	Total				5474.62 (Y)
	Add CPOH @ 15% on "Y"				821.19
	Cost of 2.38 sqm				6295.81
	Cost of 1 sqm				2645.30
	labour cess @1%				26.45
	Rate including labour cess				2671.75
		Say Rs.	**2671.80**	**Per sqm**	

9.123 **Providing and fixing factory made door frame (single rebate) made out of single piece extruded solid PVC foam profile with homogenous fine cellular structure having smooth outer integral skin having 62 mm width & 32 mm thickness, frame will be mitred & Jointed with self driven self tapping screws of size 38 mm x 4 mm & PVC solvent cement , including fixing the frame to wall with suitable dia & length**

	Details of cost for one door frame of 5 metre				
	MATERIAL:				
8710	Factory made solid PVC door frame 60 x 30 mm i/c carriage	metre	5.00	279.22	1396.09
	LABOUR:				
0156	Carpenter (average)	day	0.15	305.00	45.75
0114	Beldar	day	0.15	254.00	38.10
9999	Sundries	L.S.	7.80	1.80	14.04
	TOTAL				1493.98
	Add Water Charges @ 1%				14.94
	TOTAL				1508.91 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				212.00
	Total				1720.92 (Y)
	Add CPOH @ 15% on "Y"				258.14
	Cost of 5 metre				1979.06
	Cost of 1 metre				395.81
	labour cess @1%				3.96
	Rate including labour cess				399.77
		Say Rs.	**399.80**	**Per metre**	

Code No	Description	Unit	Quantity	Rate	Amount
9.124	**Providing and fixing factory made 30 mm thick door shutter made of solid PVC foam profile. The styles & rails shall be of size 75 mm x 30 mm having wall thickness 5 mm. The styles, top & bottom rails shall have one side wall thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power. The styles and rails shall be reinforced with M.S. tubes of size 33 mm x 17 mmx 1mm, painted with primer, all four corners of reinforcement to be welded or sealed. Solid PVC extruded bidding (push fit type) will be set inside the styles and the rails with a cavity, to receive single piece extruded 5 mm PVC sheet as panel. The styles and rails will be mitred cut and joint with the help of PVC solvent cement & self driven self tapping screws. Single piece extruded solid PVC lock rail of size 100 mm x 30 mm with wall thickness 5 mm & 15 mm integrally extruded in the middle of the lock rail & fixed with styles with the help of PVC solvent cement & self driven self tapping screws of size 100 mm x 8mm complete as per manufacturer's specifications and direction of Engineer-in-charge.**				
9.124.1	**Non decorative finish**				
	Details of cost for one door shutter 2.20x1.08m = 2.38 sqm				
	MATERIAL:				
8712	30 mm thick factory made solid PVC profile panelled door single piece extruded profile non decorative finish	sqm	2.38	1861.45	4430.24
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	79.11	31.64
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.40	305.00	122.00
0114	Beldar	day	0.40	254.00	101.60
9999	Sundries	L.S.	20.36	1.80	36.65
	TOTAL				4752.66
	Add Water Charges @ 1%				47.53
	TOTAL				4800.19 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				674.43
	Total				5474.62 (Y)
	Add CPOH @ 15% on "Y"				821.19
	Cost of 2.38 sqm				6295.81
	Cost of 1 sqm				2645.30
	labour cess @1%				26.45
	Rate including labour cess				2671.75
		Say Rs.	**2671.80**	**Per sqm**	
9.124.2	**Decorative finish (both side wood grained finish)**				
	Details of cost for one shutter 2.20x1.08m=2.38 sqm				
	MATERIAL:				
8709	30 mm thick factory made solid PVC profile panelled door single piece extruded profile decorative finish (wood grain printed on both side)	sqm	2.38	1954.52	4651.76
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	79.11	31.64
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38

Code No	Description	Unit	Quantity	Rate	Amount	
	LABOUR:					
0156	Carpenter (average)	day	0.40	305.00	122.00	
0114	Beldar	day	0.40	254.00	101.60	
9999	Sundries	L.S.	20.36	1.80	36.65	
	TOTAL				4974.18	
	Add Water Charges @ 1%				49.74	
	TOTAL				5023.92	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				705.86	
	Total				5729.78	(Y)
	Add CPOH @ 15% on "Y"				859.47	
	Cost of 2.38 sqm				6589.24	
	Cost of 1 sqm				2768.59	
	labour cess @1%				27.69	
	Rate including labour cess				2796.28	
		Say Rs.	**2796.30**	**Per sqm**		
9.125	**Providing and fixing PVC rigid foam sheet 1 mm thick on existing door shutters (bathroom and W.C.doors) using synthetic rubber based adhesive.**					
	Details of cost for 1.0x0.3m = 0.3 sqm					
	MATERIAL:					
8006	Factory made PVC rigid foam sheet 1 mm thick	sqm	0.33	186.14	61.43	
	PVC rigid foam sheet 1mm thick = 0.30 sqm					
	Add wastage @ 10% = 0.03 sqmTotal = 0.33 sqm					
9999	Rubber adhesive	L.S.	21.84	1.80	39.31	
	LABOUR:					
0111	Carpenter 1 st class	day	0.11	342.00	37.62	
0114	Beldar	day	0.14	254.00	35.56	
0130	Mistry	day	0.02	254.00	5.08	
	TOTAL				179.00	
	Add Water Charges @ 1%				1.79	
	TOTAL				180.79	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				25.40	
	Total				206.19	(Y)
	Add CPOH @ 15% on "Y"				30.93	
	Cost of 0.3 sqm				237.12	
	Cost of 1 sqm				790.40	
	labour cess @1%				7.90	
	Rate including labour cess				798.30	
		Say Rs.	**798.30**	**Per sqm**		
9.126	**Providing and fixing 12 mm thick panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick.**					
9.126.1	**Marine plywood conformingto IS : 710**					
	Details of cost for shutters of a door with 2/3rd panelling 200x108cm=2.16sqm. Panel area = 4x45.1x36.55cm = 0.67sqm					
	MATERIAL:					

Code No	Description	Unit	Quantity	Rate	Amount	
	Plywood 4x47.2x38.65cm = 0.73sqm+					
	Add for wastage @ 10% = 0.07sqm. Total = 0.80 sqm					
8724	12 mm thick marine plywood conforming to IS: 710	sqm	0.80	620.79	496.63	
9999	Carriage of plywood	L.S.	1.82	1.80	3.28	
	LABOUR:					
0111	Carpenter 1 st class	day	0.57	342.00	194.94	
9999	Sundries	L.S.	4.42	1.80	7.96	
	TOTAL				702.81	
	Add Water Charges @ 1%				7.03	
	TOTAL				709.83	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				99.73	
	Total				809.57	(Y)
	Add CPOH @ 15% on "Y"				121.43	
	Cost of 0.67 sqm				931.00	
	Cost of 1 sqm				1389.55	
	labour cess @1%				13.90	
	Rate including labour cess				1403.45	
		Say Rs.	**1403.40**	**Per sqm**		
9.126.2	**Fire retardant plywood conforming to IS : 5509**					
	Details of cost for shutters of a door with 2/3rd paneling 200x 108cm = 2.16sqm. Panel area = 4x45.1x36.55cm = 0.67sqm					
	MATERIAL:					
	Plywood 4x47.2x38.65cm = 0.73sqm+					
	Add for wastage @ 10% = 0.07sqm. Total = 0.80 sqm					
8725	12 mm thick fire retardant plywood conforming to IS: 5509	sqm	0.80	744.58	595.66	
9999	Carriage of plywood	L.S.	1.82	1.80	3.28	
	LABOUR:					
0111	Carpenter 1 st class	day	0.57	342.00	194.94	
9999	Sundries	L.S.	4.42	1.80	7.96	
	TOTAL				801.83	
	Add Water Charges @ 1%				8.02	
	TOTAL				809.85	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				113.78	
	Total				923.64	(Y)
	Add CPOH @ 15% on "Y"				138.55	
	Cost of 0.67 sqm				1062.18	
	Cost of 1 sqm				1585.35	
	labour cess @1%				15.85	
	Rate including labour cess				1601.20	
		Say Rs.	**1601.20**	**Per sqm**		
9.127	**Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.**					
9.127.1	**1.5 mm thick**					
	Details of cost for 5.00 sqm					
	MATERIAL:					
	Decorative laminate = 5.00 sqm					
	Add wastage @ 10% = 0.50 sqm Total = 5.50 sqm					
8726	1.5 mm thick decorative laminated sheet	sqm	5.50	465.36	2559.49	

Code No	Description	Unit	Quantity	Rate	Amount
9999	Adhesive	L.S.	195.00	1.80	351.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	342.00	171.00
0114	Beldar	day	0.50	254.00	127.00
9999	Sundries i/c nails etc.	L.S.	52.00	1.80	93.60
	TOTAL				3302.09
	Add Water Charges @ 1%				33.02
	TOTAL				3335.11 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				468.58
	Total				3803.69 (Y)
	Add CPOH @ 15% on "Y"				570.55
	Cost of 5 sqm				4374.25
	Cost of 1 sqm				874.85
	labour cess @1%				8.75
	Rate including labour cess				883.60
		Say Rs.	**883.60**	**Per sqm**	
9.127.2	**1.0 mm thick**				
	Details of cost for 5.00 sqm				
	MATERIAL:				
	Decorative laminate = 5.00 sqm				
	Add wastage @ 10% = 0.50 sqm Total = 5.50 sqm				
8727	1.0 mm thick decorative laminated sheet	sqm	5.50	232.68	1279.74
9999	Adhesive	L.S.	195.00	1.80	351.00
	LABOUR:				
0111	Carpenter 1 st class	day	0.50	342.00	171.00
0114	Beldar	day	0.50	254.00	127.00
9999	Sundries i/c nails etc.	L.S.	52.00	1.80	93.60
	TOTAL				2022.34
	Add Water Charges @ 1%				20.22
	TOTAL				2042.57 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				286.98
	Total				2329.55 (Y)
	Add CPOH @ 15% on "Y"				349.43
	Cost of 5 sqm				2678.98
	Cost of 1 sqm				535.80
	labour cess @1%				5.36
	Rate including labour cess				541.15
		Say Rs.	**541.20**	**Per sqm**	
9.128	**Providing and fixing factory made Fiber glass Reinforced plastics (F.R.P.) chajja 4 mm thick of required colour, size and design made by Resin Transfer Moulding (RTM) Machine Technology, resulting in void free compact laminate in single piece, having smooth gradual slope curvature for easy drainage of water and duly reinforced by 2 nos vertically and 1nos horizontally 50x2 mm thick M.S. flat with 12 mm in built hole for grouting on the existing wall along with the 50 mm flanges duly inserted and sealed in the wall complete in one single piece casted monolithically, including all necessary fittings. The FRP Chajja should be manufactured using unsaturated Polyester resin as per IS : 6746, duly reinforced with fibre glass chopped strand mat (CSM) as per IS : 11551 complete with protective Gel coat U/V coating on Top for complete resistance from the extreme of temperature, weather & sunlight.**				
	Details of cost for a chajja 0.90 x 0.60 = 0.54 sqm				
	MATERIAL:				
8713	Fiber glass reinforced plastic chajja including accessories	sqm	0.54	2792.17	1507.77
9999	Carriage	L.S.	26.00	1.80	46.80
9999	fixing charges including sundries.	L.S.	143.00	1.80	257.40

Code No	Description	Unit	Quantity	Rate	Amount	
	TOTAL				1811.97	
	Add Water Charges @ 1%				18.12	
	TOTAL				1830.09	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				257.13	
	Total				2087.22	(Y)
	Add CPOH @ 15% on "Y"				313.08	
	Cost of 0.54 sqm				2400.30	
	Cost of 1 sqm				4445.00	
	labour cess @1%				44.45	
	Rate including labour cess				4489.45	
		Say Rs.	**4489.50**	**Per sqm**		
9.129	**Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS : 12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge.**					
	Details of cost for one shutter 2.20x1.00m = 2.20sqm.					
	MATERIAL:					
7272	25 mm thick melamine faced prelaminated three layer particle board	sqm	2.20	874.88	1924.74	
9999	Carriage	L.S.	29.64	1.80	53.35	
8678	1 mm thick 35 mm wide bright finished stainless steel piano hinges	metre	4.40	37.23	163.81	
0685	Oxidised mild steel screws 25 mm	100 Nos	125.00	34.44	43.05	
	LABOUR:					
0111	Carpenter 1 st class	day	0.50	342.00	171.00	
0114	Beldar	day	0.50	254.00	127.00	
0130	Mistry	day	0.07	254.00	17.78	
7271	IInd class teak wood lipping 25 mm wide x 12 mm thick	metre	7.00	27.92	195.45	
	TOTAL				2696.17	
	Add Water Charges @ 1%				26.96	
	TOTAL				2723.13	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				382.60	
	Total				3105.74	(Y)
	Add CPOH @ 15% on "Y"				465.86	
	Cost of 2.2 sqm				3571.60	
	Cost of 1 sqm				1623.45	
	labour cess @1%				16.23	
	Rate including labour cess				1639.69	
		Say Rs.	**1639.70**	**Per sqm**		
9.130	**Providing and fixing cup board shutters with 25 mm thick veneered particle board IS : 3097 marked,exterior grade (Grade I), of approved make including IInd class teak wood lipping of 25 mm wide x 12mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of Engineer-in-Charge.**					
9.130.1	**With decorative veneering on one side and commercial veneering on other side**					
	Details of cost for one shutter 2.20x1.00m = 2.20sqm.					
	MATERIAL:					
7269	25 mm thick particle board	sqm	2.20	446.75	982.84	
0346	Extra for veneered particle board with Teak veneering on one side and commercial veneering on other side	sqm	2.20	251.30	552.85	
9999	Carriage	L.S.	29.64	1.80	53.35	

Code No	Description	Unit	Quantity	Rate	Amount	
8678	1 mm thick 35 mm wide bright finished stainless steel piano hinges	metre	4.40	37.23	163.81	
0685	Oxidised mild steel screws 25 mm	100 Nos	125.00	34.44	43.05	
	LABOUR:					
0111	Carpenter 1 st class	day	0.50	342.00	171.00	
0114	Beldar	day	0.50	254.00	127.00	
0130	Mistry	day	0.07	254.00	17.78	
7271	IInd class teak wood lipping 25 mm wide x 12 mm thick	metre	7.00	27.92	195.45	
	TOTAL				2307.13	
	Add Water Charges @ 1%				23.07	
	TOTAL				2330.20	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				327.39	
	Total				2657.60	(Y)
	Add CPOH @ 15% on "Y"				398.64	
	Cost of 2.2 sqm				3056.23	
	Cost of 1 sqm				1389.20	
	labour cess @1%				13.89	
	Rate including labour cess				1403.09	
		Say Rs.	**1403.10**	**Per sqm**		
9.130.2	**With non decorative veneering on both sides**					
	Details of cost for one shutter 2.20x1.00m = 2.20sqm.					
	MATERIAL:					
7269	25 mm thick particle board	sqm	2.20	446.75	982.84	
0347	Extra for veneered particle board with Commercial veneering on both sides	sqm	2.20	167.53	368.57	
9999	Carriage	L.S.	29.64	1.80	53.35	
8678	1 mm thick 35 mm wide bright finished stainless steel piano hinges	metre	4.40	37.23	163.81	
0685	Oxidised mild steel screws 25 mm	100 Nos	125.00	34.44	43.05	
	LABOUR:					
0111	Carpenter 1 st class	day	0.50	342.00	171.00	
0114	Beldar	day	0.50	254.00	127.00	
0130	Mistry	day	0.07	254.00	17.78	
7271	IInd class teak wood lipping 25 mm wide x 12 mm thick	metre	7.00	27.92	195.45	
	TOTAL				2122.85	
	Add Water Charges @ 1%				21.23	
	TOTAL				2144.08	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				301.24	
	Total				2445.32	(Y)
	Add CPOH @ 15% on "Y"				366.80	
	Cost of 2.2 sqm				2812.12	
	Cost of 1 sqm				1278.23	
	labour cess @1%				12.78	
	Rate including labour cess				1291.02	
		Say Rs.	**1291.00**	**Per sqm**		

9.131 Providing and fixing factory made shutters of pre-laminated particle board flat pressed three layer or graded wood particle board with one side decorative finish and other side balancing lamination conforming to IS : 12823 Grade I Type II, of approved design, and edges sealed with water resistant paint and lipped with aluminium 'U' type edge beading all-round the shutter, including fixing with angle cleat, grip strip, cadmium plated steel screws, including fixing of aluminium hinges 100x63x4mm etc. complete as per architectural drawing and direction of Engineer-in-Charge (Cost of 'U'beading and hinges will be paid for separately).

9.131.1 25 mm thick

Details of cost for 2.10 sqm (Door size 2.1 x 1.00m)

Code No	Description	Unit	Quantity	Rate	Amount
	MATERIAL:				
	Prelaminated particle board = 2.10sqm.+				
	Add for wastage @ 5% = 0.11 sqm.				
	Total = 2.21sqm				
7445	25 mm thick prelaminated flush door shutter both side decorative	sqm	2.21	752.02	1661.97
7443	Aluminium single cleat of size 30x32x3 mm	each	4.00	13.96	55.84
7444	Aluminium grip strip of size 50x12x2 mm	each	8.00	11.17	89.35
0834	Synthetic enamel paint in all shades except black or chocolate shade	litre	0.15	129.17	19.37
9999	Carriage of materials including loading and unloading	L.S.	19.50	1.80	35.10
9999	Sundries and screw etc.	L.S.	39.00	1.80	70.20
	LABOUR:				
0112	Carpenter 2nd class	day	0.27	305.00	82.35
0114	Beldar	day	0.30	254.00	76.20
	TOTAL				2090.39
	Add Water Charges @ 1%				20.90
	TOTAL				2111.30 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				296.64
	Total				2407.93 (Y)
	Add CPOH @ 15% on "Y"				361.19
	Cost of 2.1 sqm				2769.12
	Cost of 1 sqm				1318.63
	labour cess @1%				13.19
	Rate including labour cess				1331.82
		Say Rs.	**1331.80**	**Per sqm**	
9.132	**Providing and fixing aluminum U beading of required size to Pre laminated / flush door shutter, including fixing etc. complete as per direction of Engineer-in-Charge.**				
	Details of cost for 1 kg				
	MATERIAL:				
	Aluminum U beading = 1.00kg +				
	Add 10% wastage = 0.10				
	Total = 1.10kg				
7449	Aluminium U beading	kilogram	1.10	204.76	225.24
9999	Anodized 15 micron	L.S.	65.00	1.80	117.00
9999	Sundries including screws, fixing, carriage etc.	L.S.	13.00	1.80	23.40
	TOTAL				365.64
	Add Water Charges @ 1%				3.66
	TOTAL				369.29 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				51.89
	Total				421.18 (Y)
	Add CPOH @ 15% on "Y"				63.18
	Cost of 1 kg				484.35
	labour cess @1%				4.84
	Rate including labour cess				489.20
		Say Rs.	**489.20**	**Per kg**	

Code No	Description	Unit	Quantity	Rate	Amount
9.133	**Providing and fixing, in position concealed G.I. section for wall paneling using board of required thickness fixed on the 'W' profile (0.55 mm thick) having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm, placed @ 610 mm C/C in perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm.Perimeter channel is fixed on the floor and the ceiling with the nylon sleeves @ 610 mm C/C with fully threaded self-tapping dry wall screws. Board is fixed to the 'W' profile with 25 mm countersunk ribbed head screws @ 200 mm C/C., all complete as per the drawing & directions of engineer-incharge, the joints of the boards are finished with specially formulated jointing compound and 48 mm wide jointing tape to provide seamless finish.**				
9.133.1	**Tapered edge calcium silicate board made with calcareous & siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with compressive strength 225 kg/sqcm, Bending strength 100 kg/sqcm.**				
9.133.1.1	**10 mm thick** **Details of cost for 3.66 mx 3.05 m =11.16 sqm** **MATERIAL:** **Calcium silicate board 10mm thick.= 11.16 sqm** **Add wastage @ 10% = 1.12 sqm.** **Total = 12.28 sqm**				
8700	10 mm thick calcium silicate board	sqm	12.28	372.29	4571.71
8720	Ceiling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm	metre	19.66	32.58	640.43
8721	Perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm	metre	9.60	20.48	196.57
8722	Nylon sleeves & wooden screws (40 mm)	each	42.00	1.86	78.18
8723	Counter sunk ribbed head screw 25 mm	100 Nos	176.00	60.50	106.47
9999	Jointing compound	L.S.	20.80	1.80	37.44
7018	Joint tape roll	roll	0.19	97.73	18.57
9999	Sundries i/c rawl plug. Scaffolding etc.	L.S.	52.00	1.80	93.60
9999	Carriage of materials	L.S.	26.00	1.80	46.80
	LABOUR:				
0111	Carpenter 1 st class	day	3.80	342.00	1299.60
0114	Beldar	day	4.60	254.00	1168.40
	TOTAL				8257.78
	Add Water Charges @ 1%				82.58
	TOTAL				8340.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1171.82
	Total				9512.17 (Y)
	Add CPOH @ 15% on "Y"				1426.83
	Cost of 11.16 sqm				10939.00
	Cost of 1 sqm				980.20
	labour cess @1%				9.80
	Rate including labour cess				990.00
		Say Rs.	**990.00**	**Per sqm**	
9.133.2	**Non-asbestos multipurpose cement board reinforced with cellulose fibre manufactured through autoclaving process (high pressure steam cured) as per IS :14862 with suitable fibre cement screw**				

Code No	Description	Unit	Quantity	Rate	Amount
9.133.2.1	**8 mm thick**				
	Details of cost for 3.66 m x 3.05 m =11.16 sqm				
	MATERIAL:				
	Multipurpose non asbestos fibre cement board 8mm thick. = 11.16 sqm				
	Add wastage @ 10% =1.12 sqm.				
	Total = 12.28 sqm				
0237	Multi purpose fibre (high impact poly propelene reinforced) cement board 8 mm thick	sqm	12.28	200.11	2457.30
8720	Ceiling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm	metre	19.66	32.58	640.43
8721	Perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm	metre	9.60	20.48	196.57
8722	Nylon sleeves & wooden screws (40 mm)	each	42.00	1.86	78.18
8723	Counter sunk ribbed head screw 25 mm	100 Nos	176.00	60.50	106.47
9999	Jointing compound	L.S.	20.80	1.80	37.44
7018	Joint tape roll	roll	0.19	97.73	18.57
9999	Sundries i/c rawl plug. Scaffolding etc.	L.S.	52.00	1.80	93.60
9999	Carriage of materials	L.S.	26.00	1.80	46.80
	LABOUR:				
0111	Carpenter 1 st class	day	3.80	342.00	1299.60
0114	Beldar	day	4.60	254.00	1168.40
	TOTAL				6143.36
	Add Water Charges @ 1%				61.43
	TOTAL				6204.79 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				871.77
	Total				7076.57 (Y)
	Add CPOH @ 15% on "Y"				1061.48
	Cost of 11.16 sqm				8138.05
	Cost of 1 sqm				729.22
	labour cess @1%				7.29
	Rate including labour cess				736.51
		Say Rs.	**736.50**	**Per sqm**	
9.133.3	**Gypsum board conforming to IS: 2095 Part - I**				
9.133.3.1	**12.5 mm thick**				
	Details of cost for 3.66 m x 3.66 m - 11.16 sqm				
	MATERIAL:				
	Glass fibre reinforced gypsum board 12.5 mm thick. = 11.16 sqm				
	Add wastage @ 10% = 1.12 sqm				
	Total = 12.28 sqm				
8717	12.5 mm thick Glass fibre reinforced Gypsum board	sqm	12.28	181.49	2228.71
8720	Ceiling sections 0.55 mm thick having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm	metre	19.66	32.58	640.43
8721	Perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm	metre	9.60	20.48	196.57
8722	Nylon sleeves & wooden screws (40 mm)	each	42.00	1.86	78.18
8723	Counter sunk ribbed head screw 25 mm	100 Nos	176.00	60.50	106.47
9999	Jointing compound	L.S.	20.80	1.80	37.44

Code No	Description	Unit	Quantity	Rate	Amount
7018	Joint tape roll	roll	0.19	97.73	18.57
9999	Sundries i/c rawl plug, scaffolding etc.	L.S.	52.00	1.80	93.60
9999	Carriage of materials	L.S.	26.00	1.80	46.80
	LABOUR:				
0111	Carpenter 1 st class	day	3.80	342.00	1299.60
0114	Beldar	day	4.60	254.00	1168.40
	TOTAL				5914.77
	Add Water Charges @ 1%				59.15
	TOTAL				5973.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				839.34
	Total				6813.26 (Y)
	Add CPOH @ 15% on "Y"				1021.99
	Cost of 11.16 sqm				7835.25
	Cost of 1 sqm				702.08
	labour cess @1%				7.02
	Rate including labour cess				709.10
		Say Rs.	**709.10**	**Per sqm**	
9.134	**Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws:**				
9.134.1	**35 mm thick shutters**				
9.134.1.1	**with ISI marked M.S. pressed butt hinges bright finished of required size**				
9.134.1.1	**Second class teak wood**				
	Details of cost for door shutters 2.00x1.08m = 2.16sqm				
	MATERIAL:				
	Second Class Teak wood Styles 4x200x9.5 x3.5cm = 0.0266cum+ Top Rail - 1x110.5x9.5x3.5cm =0.0036cum+ Lock and bottom rail 2x110.5xl9.7x3.5cm=0.0152 cum.+ Beadings (2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum. Total = 0.0464 cum.+ Add for wastage@ 10% = 0.005 cum. Total = 0.0514 cum. Say 51.4 cudm				
1190	Second class teak wood in planks	10 cudm	51.40	628.24	3229.14
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
2204	Carriage of timber	cum	0.05	0.00	0.00
	LABOUR:				

Code No	Description	Unit	Quantity	Rate	Amount	
0111	Carpenter 1 st class	day	1.30	342.00	444.60	
0112	Carpenter 2nd class	day	0.90	305.00	274.50	
0114	Beldar	day	1.05	254.00	266.70	
0130	Mistry	day	0.11	254.00	26.67	
9999	Sundries	L.S.	33.80	1.80	60.84	
	TOTAL				5242.76	
	Add Water Charges @ 1%				52.43	
	TOTAL				5295.19	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				743.97	
	Total				6039.17	(Y)
	Add CPOH @ 15% on "Y"				905.88	
	Cost of 2.16 sqm				6945.04	
	Cost of 1 sqm				3215.30	
	labour cess @1%				32.15	
	Rate including labour cess				3247.45	
		Say Rs.	**3247.50**	**Per sqm**		
9.134.1.1.2	**Kiln seasoned and chemically treated hollock wood**					
	Details of cost for door shutters 2.00x1.08m = 2.16sqm					
	MATERIAL:					
	Hollock wood.					
	Styles 4x200x9.5x3.5cm =0.0266cum+					
	Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+					
	Lock and bottom rail					
	2x110.5xl9.7x3.5cm =					
	0.0152 cum.+					
	Beadings					
	(2x312+2x150)x(1.2)x(1.2)cm = 0.001 cum.					
	Total = 0.0464 cum.+					
	Add for wastage @ 10% = 0.005 cum.					
	Grand Total = 0.0514 cum. Say 51.4 cudm					
2505	Hollock wood in planks	10 cudm	51.40	362.98	1865.73	
2204	Carriage of timber	cum	0.05	0.00	0.00	
2504	Kiln seasoning of timber	cum	0.05	698.04	35.60	
9999	Chemical Treatment Wire gauge					
	2x160x40cm = 1.28 sqm.+					
	Add wastage @ 10% = 0.13 sqm.					
	Total= 1.41 sqm	L.S.	8.97	1.80	16.15	
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01	
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47	
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31	
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15	
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38	
0111	Carpenter 1 st class	day	1.30	342.00	444.60	
0112	Carpenter 2nd class	day	0.90	305.00	274.50	
0114	Beldar	day	1.05	254.00	266.70	
0130	Mistry	day	0.11	254.00	26.67	
9999	Sundries	L.S.	33.80	1.80	60.84	
	TOTAL				3931.09	
	Add Water Charges @ 1%				39.31	
	TOTAL				3970.41	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				557.84	

Code No	Description	Unit	Quantity	Rate	Amount
	Total				4528.25 (Y)
	Add CPOH @ 15% on "Y"				679.24
	Cost of 2.16 sqm				5207.48
	Cost of 1 sqm				2410.87
	labour cess @1%				24.11
	Rate including labour cess				2434.98
		Say Rs.	**2435.00**	**Per sqm**	
9.134. 1.1.3	**Kiln seasoned selected class of sheesham wood**				
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm MATERIAL: Sheesham Wood Styles 4 x 200 x 9.5 x 3.5 cm= 0.0266 cum+ Top Rail-1x110.5x9.5x3.5cm=0.0036cum+ Styles 4x200x9.5x3.5cm = 0.0266cum+ Top Rail - 1 x110.5x9.5x3.5cm = 0.0036cum+ Lock and bottom rail 2 x110.5x19.7x3.5 cm = 0.0152 cum. + Beadings - (2x312+ 2x 150) x(1.2)x(1.2) cm =0.001 cum Total = 0.0464 cum.+ add for wastage @ 10% = 0.005 cum.=0.0514 cum. say 51.4 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	51.40	604.97	3109.55
2204	Carriage of timber	cum	0.05	0.00	0.00
2504	Kiln seasoning of timber	cum	0.05	698.04	35.88
	Wire guage 2x160x40cm=1.28 sqm.+ Add wastage @ 10 % = 0.13 sqm Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				5159.05
	Add Water Charges @ 1%				51.59
	TOTAL				5210.64 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				732.09
	Total				5942.73 (Y)
	Add CPOH @ 15% on "Y"				891.41
	Cost of 2.16 sqm				6834.14
	Cost of 1 sqm				3163.95
	labour cess @1%				31.64
	Rate including labour cess				3195.59
		Say Rs.	**3195.60**	**Per sqm**	

Code No	Description	Unit	Quantity	Rate	Amount
9.134.1.2	**With ISI marked stainless steel butt hinges of required size**				
9.134.1.2.1	**Second class teak wood**				
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm				
	MATERIAL:				
	Second class teak wood				
	Styles 4 x 200 x 9.5 x 3.5 cm = 0.0266 cum+				
	Top Rail - 1x110.5x9.5x3.5cm =0.0036cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3.5 cm = 0.0152 cum. +				
	Beadings -				
	(2x312+2x 150) x(1.2)x(1.2)cm =0.001 cum				
	Total = 0.0464 cum. +				
	add for wastage @ 10% = 0.005 cum.				
	=0.0514 cum. say 51.4 cudm				
1190	Second class teak wood in planks	10 cudm	51.40	628.24	3229.14
	Wire guage 2x160x40cm=1.28 sqm.+				
	Add wastage @ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture				
	1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01
8220	Stainless steel butt hinges (heavyweight) 100x60				
	x2.5mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm IS :				
	12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
2204	Carriage of timber	cum	0.05	0.00	0.00
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				5415.54
	Add Water Charges @ 1%				54.16
	TOTAL				5469.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				768.49
	Total				6238.19 (Y)
	Add CPOH @ 15% on "Y"				935.73
	Cost of 2.16 sqm				7173.92
	Cost of 1 sqm				3321.26
	labour cess @1%				33.21
	Rate including labour cess				3354.47
		Say Rs.	**3354.50**	**Per sqm**	
9.134.1.2.2	**Kiln seasoned and chemically treated hollock wood**				
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm				
	MATERIAL:				
	Hollock wood				
	Styles 4 x 200 x 9.5 x 3.5 cm =0.0266 cum+				
	Top Rail - 1x110.5x9.5x3.5cm = 0.0036 cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3.5 cm = 0.0152 cum.+				
	Beadings -				

Code No	Description	Unit	Quantity	Rate	Amount
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum Total = 0.0464 cum. + add for wastage @ 10% = 0.005 cum. =0.0514 cum. say 51.4 cudm				
2505	Hollock wood in planks	10 cudm	51.40	362.98	1865.73
2504	Kiln seasoning of timber	cum	0.05	698.04	35.88
9999	Chemical treatment Wire guage 2x160x40cm=1.28 sqm.+ Add wastage @ 10 % = 0.13 sqm Total = 1.41 sqm	L.S.	8.97	1.80	16.15
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01
8220	Stainless steel butt hinges (heavyweight) 00x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8. 93
2204	Carriage of timber	cum	0.05	0.00	0.00
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				**4104.15**
	Add Water Charges @ 1%				41.04
	TOTAL				4145.19 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				582.40
	Total				4727.59 (Y)
	Add CPOH @ 15% on "Y"				709.14
	Cost of 2.16 sqm				5436.73
	Cost of 1 sqm				2517.01
	labour cess @1%				25.17
	Rate including labour cess				2542.18
		Say Rs.	**2542.20**	**Per sqm**	
9.134.	**Kiln seasoned selected class of sheesham wood**				
1.2.3	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm MATERIAL: Sheesham wood Styles 4 x 200 x 9.5 x 3.5 cm = 0.0266 cum+ Top Rail - 1x110.5x9.5x3.5cm = 0.0036cum+ Lock and bottom rail 2 x 110.5x19.7x3.5 cm =0.0152 cum. Beadings - (2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum Total = 0.0464 cum. + add for wastage @ 10% = 0.005 cum. =0.0514 cum. say 51.4 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	51.40	604.97	3109.55
2504	Kiln seasoning of timber	cum	0.05	698.04	35.88
	Wire guage 2x160x40cm=1.28 sqm.+Add wastage @ 10 % = 0.13 sqmTotal = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01
8220	Stainless steel butt hinges (heavyweight)				

Code No	Description	Unit	Quantity	Rate	Amount
	100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93
2204	Carriage of timber	cum	0.05	0.00	0.00
	LABOUR:				
0111	Carpenter 1 st class	day	1.30	342.00	444.60
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.05	254.00	266.70
0130	Mistry	day	0.11	254.00	26.67
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				5331.83
	Add Water Charges @ 1%				53.32
	TOTAL				5385.14 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				756.61
	Total				6141.76 (Y)
	Add CPOH @ 15% on "Y"				921.26
	Cost of 2.16 sqm				7063.02
	Cost of 1 sqm				3269.92
	labour cess @1%				32.70
	Rate including labour cess				3302.62
		Say Rs.	**3302.60**	**Per sqm**	
9.134.2	**30 mm thick shutters**				
9.134.2.1	**with ISI marked M.S. pressed butt hinges bright finished of required size**				
9.134. 2.1.1	**Second class teak wood**				
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm MATERIAL: Teak wood (2nd class) Styles 4 x 209 x 9.5 x3 cm = 0.023 cum+ Top Rail - 1x110.5x9.5x3 cm = 0.003cum+ Lock and bottom rail 2 x 110.5x19.7x3 cm = 0.013cum.+ Beadings - (2x312+2x 150) x(1.2)x(1.2) cm =0.001cum Total = 0.040 cum. + Add for wastage @ 10% = 0.004cum. =0.44 cum. say 44 cudm				
1190	Second class teak wood in planks	10 cudm	44.00	628.24	2764.25
2204	Carriage of timber	cum	0.04	0.00	0.00
	Wire guage 2x160x40cm=1.28 sqm.+ Add wastage@ 10 % = 0.13 sqm Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38

Code No	Description	Unit	Quantity	Rate	Amount	
	LABOUR:					
0111	Carpenter 1 st class	day	1.20	342.00	410.40	
0112	Carpenter 2nd class	day	0.80	305.00	244.00	
0114	Beldar	day	1.00	254.00	254.00	
0130	Mistry	day	0.10	254.00	25.40	
9999	Sundries	L.S.	33.80	1.80	60.84	
	TOTAL				4699.20	
	Add Water Charges @ 1%				46.99	
	TOTAL				4746.19	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				666.84	
	Total				5413.03	(Y)
	Add CPOH @ 15% on "Y"				811.95	
	Cost of 2.16 sqm				6224.98	
	Cost of 1 sqm				2881.94	
	labour cess @1%				28.82	
	Rate including labour cess				2910.76	
		Say Rs.	**2910.80**	**Per sqm**		
9.134. 2.1.2	**Kiln seasoned and chemically treated hollock wood**					
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm					
	MATERIAL:					
	Hollock wood					
	Styles 4 x 209 x 9.5 x 3 cm =0.023 cum+					
	Top Rail - 1x110.5x9.5x3 cm = 0.003cum +					
	Lock and bottom rail					
	2 x 110.5x19.7x3 cm = 0.013 cum.+					
	Beadings -					
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001cum					
	Total = 0.040 cum. +					
	Add for wastage @ 10%=0.004cum.					
	=0.44 cum. say 44 cudm					
2505	Hollock wood in planks	10 cudm	44.00	362.98	1597.12	
2204	Carriage of timber	cum	0.04	0.00	0.00	
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71	
9999	Chemical treatmentWire guage					
	2x160x40cm=1.28 sqm.+					
	Add wastage @ 10 % = 0.13 sqm					
	Total = 1.41 sqm	L.S.	8.97	1.80	16.15	
8737	Stainless steel wire guage (Grade-304) aperture					
	1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01	
0595	Bright finished or black enameled mild steel butt					
	hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47	
0597	Bright finished or black enameled mild steel butt					
	hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31	
0637	Bright finished or black enameled mild steel screws					
	40 mm	100 Nos	48.00	58.64	28.15	
0640	Bright finished or black enameled mild steel screws					
	20 mm	100 Nos	8.00	29.78	2.38	
	LABOUR:					
0111	Carpenter 1 st class	day	1.20	342.00	410.40	
0112	Carpenter 2nd class	day	0.80	305.00	244.00	
0114	Beldar	day	1.00	254.00	254.00	
0130	Mistry	day	0.10	254.00	25.40	
9999	Sundries	L.S.	33.80	1.80	60.84	
	TOTAL				3578.93	
	Add Water Charges @ 1%				35.79	

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				3614.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				507.87
	Total				4122.59 (Y)
	Add CPOH @ 15% on "Y"				618.39
	Cost of 2.16 sqm				4740.98
	Cost of 1 sqm				2194.90
	labour cess @1%				21.95
	Rate including labour cess				2216.85
		Say Rs.	**2216.80**	**Per sqm**	
9.134.	**Kiln seasoned selected class of sheesham wood**				
2.1.3					
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm				
	MATERIAL:				
	Sheesham wood				
	Styles 4 x 209 x 9.5 x 3 cm= 0.023 cum+				
	Top Rail - 1x110.5x9.5x3 cm = 0.003cum+				
	Lock and bottom rail				
	2 x 110.5x19.7x3 cm = 0.013 cum.+				
	Beadings				
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum				
	Total = 0.040 cum. +				
	Add for wastage @ 10% = 0.004cum.				
	=0.44 cum. say 44 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	604.97	2661.87
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71
2204	Carriage of timber	cum	0.04	0.00	0.00
	Wire guage 2x160x40cm=1.28 sqm.+				
	Add wastage@ 10 % = 0.13 sqm				
	Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01
0595	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6.00	79.11	47.47
0597	Bright finished or black enameled mild steel butt hinges 50x37x1.50 mm	10 Nos	2.00	46.54	9.31
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	342.00	410.40
0112	Carpenter 2nd class	day	0.80	305.00	244.00
0114	Beldar	day	1.00	254.00	254.00
0130	Mistry	day	0.10	254.00	25.40
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				4627.53
	Add Water Charges @ 1%				46.28
	TOTAL				4673.81 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				656.67
	Total				5330.48 (Y)
	Add CPOH @ 15% on "Y"				799.57
	Cost of 2.16 sqm				6130.05
	Cost of 1 sqm				2837.99
	labour cess @1%				28.38
	Rate including labour cess				2866.37
		Say Rs.	**2866.40**	**Per sqm**	

Code No	Description	Unit	Quantity	Rate	Amount	
9.134.2.2	**With ISI marked stainless steel butt hinges of required size**					
9.134.2.2.1	**Second class teak wood**					
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm					
	MATERIAL:					
	Teak wood (2nd class)					
	Styles 4 x 209 x 9.5 x3 cm = 0.023 cum+					
	Top Rail - 1x110.5x9.5x3cm =0.003cum+					
	Lock and bottom rail					
	2 x 110.5x19.7x3cm =0.0152 cum. +					
	Beadings -					
	(2x312+2x 150) x(1.2)x(1.2) cm=0.001 cum					
	Total = 0.040 cum. +					
	Add for wastage @ 10% = 0.004 cum.					
	=0.044 cum. say 44 cudm					
1190	Second class teak wood in planks	10 cudm	44.00	628.24	2764.25	
2204	Carriage of timber	cum	0.04	0.00	0.00	
	Wire guage 2x160x40cm=1.28 sqm.+					
	Add wastage @ 10 % = 0.13 sqm					
	Total = 1.41 sqm					
8737	Stainless steel wire guage (Grade-304) aperture					
	1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01	
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm					
	IS : 12817 marked	10 Nos	6.00	223.37	134.02	
8218	Stainless steel butt hinges 50x37x1.5 mm IS :					
	12817 marked	10 Nos	2.00	120.99	24.20	
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92	
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8. 93	
	LABOUR:					
0111	Carpenter 1 st class	day	1.20	342.00	410.40	
0112	Carpenter 2nd class	day	0.80	305.00	244.00	
0114	Beldar	day	1.00	254.00	254.00	
0130	Mistry	day	0.10	254.00	25.40	
9999	Sundries	L.S.	33.80	1.80	60.84	
	TOTAL				4871.98	
	Add Water Charges @ 1%				48.72	
	TOTAL				4920.70	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				691.36	
	Total				5612.06	(Y)
	Add CPOH @ 15% on "Y"				841.81	
	Cost of 2.16 sqm				6453.86	
	Cost of 1 sqm				2987.90	
	labour cess @1%				29.88	
	Rate including labour cess				3017.78	
		Say Rs.	**3017.80**	**Per sqm**		
9.134.2.2.2	**Kiln seasoned and chemically treated hollock wood**					
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm					
	MATERIAL:					
	Hollock woodStyles					
	4 x 209 x 9.5 x 3.5 cm =					
	0.023 cum+					
	Top Rail - 1x110.5x9.5x3 cm = 0.003cum+					
	Lock and bottom rail					
	2 x 110.5x19.7x3 cm = 0.013 cum.+					
	Beadings -					

Code No	Description	Unit	Quantity	Rate	Amount
	(2x312+2x 150) x(1.2)x(1.2) cm =0.001 cum Total = 0.040 cum. + Add for wastage @ 10% = 0.004 cum. =0.044 cum.say 44 cudm				
2505	Hollock wood in planks	10 cudm	44.00	362.98	1597.12
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71
9999	Chemical treatment	L.S.	8.97	1.80	16.15
2204	Carriage of timber	cum	0.04	0.00	0.00
	Wire guage 2x160x40cm=1.28 sqm.+ Add wastage @ 10 % = 0.13 sqm Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01
8220	Stainless steel butt hinges (heavyweight) 100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02
8218	Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked	10 Nos	2.00	120.99	24.20
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8. 93
	LABOUR:				
0111	Carpenter 1 st class	day	1.20	342.00	410.40
0112	Carpenter 2nd class	day	0.80	305.00	244.00
0114	Beldar	day	1.00	254.00	254.00
0130	Mistry	day	0.10	254.00	25.40
9999	Sundries	L.S.	33.80	1.80	60.84
	TOTAL				3751.71
	Add Water Charges @ 1%				37.52
	TOTAL				3789.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				532.39
	Total				4321.61 (Y)
	Add CPOH @ 15% on "Y"				648.24
	Cost of 2.16 sqm				4969.86
	Cost of 1 sqm				2300.86
	labour cess @1%				23.01
	Rate including labour cess				2323.87
		Say Rs.	**2323.90**	**Per sqm**	
9.134.2.2.3	**Kiln seasoned selected class of sheesham wood**				
	Details of cost for door shutters 2.00 x 1.08 m = 2.16 sqm MATERIAL: Sheesham wood Styles 4 x 209 x 9.5 x 3 cm= 0.023 cum+ Top Rail - 1x110.5x9.5x3 cm = 0.003cum+ Lock and bottom rail 2 x 110.5x19.7x3 cm =0.013 cum.+ Beadings - (2x312+2x 150) x(1.2)x(1.2) cm =0.001cum Total = 0.040 cum.+ Add for wastage @ 10% = 0.004cum. =0.044 cum. say 44 cudm				
1200	Kiln seasoned selected sheesham wood planks	10 cudm	44.00	604.97	2661.87
2504	Kiln seasoning of timber	cum	0.04	698.04	30.71
2204	Carriage of timber	cum	0.04	0.00	0.00
	Wire guage 2x160x40cm=1.28 sqm.+ Add wastage @ 10 % = 0.13 sqm Total = 1.41 sqm				
8737	Stainless steel wire guage (Grade-304) aperture				

Code No	Description	Unit	Quantity	Rate	Amount	
	1.4 mm and 0.50 mm dia wire	sqm	1.41	604.97	853.01	
8220	Stainless steel butt hinges (heavyweight)					
	100x60x2.5 mm IS : 12817 marked	10 Nos	6.00	223.37	134.02	
8218	Stainless steel butt hinges 50x37x1.5 mm IS :					
	12817 marked	10 Nos	2.00	120.99	24.20	
8211	Stainless steel screws 40 mm	100 Nos	48.00	193.59	92.92	
8214	Stainless steel screws 20 mm	100 Nos	8.00	111.69	8.93	
	LABOUR:					
0111	Carpenter 1 st class	day	1.20	342.00	410.40	
0112	Carpenter 2nd class	day	0.80	305.00	244.00	
0114	Beldar	day	1.00	254.00	254.00	
0130	Mistry	day	0.10	254.00	25.40	
9999	Sundries	L.S.	33.80	1.80	60.84	
	TOTAL				4800.31	
	Add Water Charges @ 1%				48.00	
	TOTAL				4848.32	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				681.19	
	Total				5529.50	(Y)
	Add CPOH @ 15% on "Y"				829.43	
	Cost of 2.16 sqm				6358.93	
	Cost of 1 sqm				2943.95	
	labour cess @1%				29.44	
	Rate including labour cess				2973.39	
		Say Rs.	**2973.40**	**Per sqm**		
9.135	**Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.50 mm all complete.**					
9.135.1	**With 2nd class teak wood beading 62X19 mm**					
	Details of cost for a window of size 140x110cm=1.54sqm.					
	MATERIAL:					
	Wire gauge - 20x60mm mesh 3.2mmwith =					
	1.4x1.1m = 1.54sqm.+					
	Add wastage @ 10% = 0.15sqm.					
	Total=1.69 sqm					
8737	Stainless steel wire guage (Grade-304) aperture					
	1.4 mm and 0.50 mm dia wire	sqm	1.69	604.97	1022.40	
9999	Carriage of wire gauge	L.S.	1.82	1.80	3.28	
	Second class teak wood beading					
	5mx62mmx19mm=0.0059 cum+					
	Add wastage @ 10% = 0.00059 cudm.					
	Total=0.00649 cum. Say 6 cudm					
1190	Second class teak wood in planks	10 cudm	6.00	628.24	376.94	
2204	Carriage of timber	cum	0.01	123.51	0.74	
	LABOUR:					
0112	Carpenter 2nd class	day	0.33	305.00	100.65	
0114	Beldar	day	0.25	254.00	63.50	
9999	Sundries	L.S.	19.76	1.80	35.57	
	TOTAL				1603.08	
	Add Water Charges @ 1%				16.03	
	TOTAL				1619.11	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				227.48	
	Total				1846.59	(Y)
	Add CPOH @ 15% on "Y"				276.99	
	Cost of 1.54 sqm				2123.58	
	Cost of 1 sqm				1378.95	

Code No	Description	Unit	Quantity	Rate	Amount	
	labour cess @1%				13.79	
	Rate including labour cess				1392.74	
		Say Rs.	**1392.70**	**Per sqm**		
9.135.2	**With 12 mm mild steel U beading**					
	Details of cost for a window of size 140x110cm = 1.54sqm.					
	MATERIAL:					
	Wire gauge - 20x60mm mesh 3.2mmwith = 1.4x1.1m = 1.54sqm.+					
	Add wastage @ 10% = 0.15sqm.					
	Total=1.69 sqm					
8737	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.69	604.97	1022.40	
9999	Carriage of wire gauge	L.S.	1.82	1.80	3.28	
7349	12 mm M.S. 'U' beading	metre	5.00	13.96	69.80	
	LABOUR:					
0112	Carpenter 2nd class	day	0.33	305.00	100.65	
0114	Beldar	day	0.25	254.00	63.50	
9999	Sundries	L.S.	19.76	1.80	35.57	
	TOTAL				1295.20	
	Add Water Charges @ 1%				12.95	
	TOTAL				1308.15	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				183.80	
	Total				1491.94	(Y)
	Add CPOH @ 15% on "Y"				223.79	
	Cost of 1.54 sqm				1715.74	
	Cost of 1 sqm				1114.11	
	labour cess @1%				11.14	
	Rate including labour cess				1125.26	
		Say Rs.	**1125.30**	**Per sqm**		
9.136	**Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I.sheet (zinc coating not less than 120 gm/sqm) duly filled with vermuculite based concrete mix, suitable for mounting 60 minutes fire rated door shutters. The frame is fitted with intumuscent fire seal strip of size 10x4 mm (minimum) alround the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge (Dash fastener to be paid for separately).**					
	Details of cost for 3300/2750mm Door (9.10 metre length)					
	MATERIAL:					
8738	Factory made door frame fire rated (60 minutes) made with 16 SWG G.I. Sheet of section 143 mm x 57 mm duly filled with vermuculite based concrete mix	metre	9.10	977.26	8893.06	
9999	Labour	L.S.	130.00	1.80	234.00	
9999	Sundries and carriage	L.S.	4.23	1.80	7.61	
	TOTAL				9134.68	
	Add Water Charges @ 1%				91.35	
	TOTAL				9226.02	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1296.26	
	Total				10522.28	(Y)
	Add CPOH @ 15% on "Y"				1578.34	
	Cost of 9.1 metre				12100.62	
	Cost of 1 metre				1329.74	
	labour cess @1%				13.30	

Code No	Description	Unit	Quantity	Rate	Amount	
	Rate including labour cess				1343.04	
		Say Rs.	**1343.00**	**Per metre**		
9.137	**Providing and fixing 50 mm thick glazed fire resistant door s hutters of 60 minutes fire rating conforming to IS:3614 (Part-II), tested and certified as per laborator y approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, lock rail, top rail 100 mm wide, bottom rail 200 mm wide, made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/ m2) duly filled FR insulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-incharge (panneling to be paid for separately).**					
	Details of cost for 3.50 sqm (Door size-1710x2050 mm)					
	MATERIAL:					
8739	Fire rated door shuttere made with 16 SWG G.I. sheet (60 minutes) without panel	sqm	3.50	4188.26	14658.89	
9999	Labour	L.S.	180.00	1.80	324.00	
9999	Sundries and carriage	L.S.	10.00	1.80	18.00	
	TOTAL				15000.89	
	Add Water Charges @ 1%				150.01	
	TOTAL				15150.90	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2128.70	
	Total				17279.60	(Y)
	Add CPOH @ 15% on "Y"				2591.94	
	Cost of 3.5 sqm				19871.55	
	Cost of 1 sqm				5677.58	
	labour cess @1%				56.78	
	Rate including labour cess				**5734.36**	
		Say Rs.	**5734.40**	**Per sqm**		
9.138	**Providing and fixing glazing in fire resistant door shutter s, fixed panels, ventilators and partitions etc.,with G.I. beading of appropriate size, made out of 20 SW G G.I.sheet (zinc coating not less than 120 gm/m2), fire resistant sealant, including applying a coat o f approved fire resistant primer on G.I. beading etc., complete all as per direction of Engineer-in-charge.**					
9.138.1	**With clear fire resistant glass panes 6 mm thick of approved brand, having minimum 60 minutes fire resistance**					
	Details of cost for 6.36 sqm (Door size 3300/2750mm) (Glazing area)					
	MATERIAL:					
	Glazing area-2x0.70x2.05=2.87 m2					
	1x1.70x0.60=1.02 m2					
	2x0.69x1.79=2.47 m2					
	Total =6.36 m2					
8741	Clear fire resistant glass panes 6mm thick (60 minutes)	sqm	6.36	20010.55	127267.12	
	G.I.'U' beading-2x2x0.70=2.80 m					
	2x2x2.05=8.20 m					
	2x1x1.70=3.40 m					
	2x1x0.60=1.20 m					
	2x2x0.69 =2.76 m					
	2x2x1.79=7.16 m					
	Total=25.52 m					
8742	G.I. U beading of 16 SWG G.I. sheet (zinc coating >120gm/m2) with ceramic tape of suitable thickness and fire resistant primer coating	metre	25.52	260.60	6650.58	

Code No	Description	Unit	Quantity	Rate	Amount	
8740	Fire seal Putty	kg	3.00	260.60	781.81	
8743	Matrix Mineral Board	metre	76.56	60.50	4631.65	
	3x25.52m=76.56 meter					
9999	Labour	L.S.	180.00	1.80	324.00	
9999	Sundries and carriage	L.S.	10.00	1.80	18.00	
	TOTAL				139673.16	
	Add Water Charges @ 1%				1396.73	
	TOTAL				141069.89	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				19820.32	
	Total				160890.21	(Y)
	Add CPOH @ 15% on "Y"				24133.53	
	Cost of 6.36 sqm				185023.74	
	Cost of 1 sqm				29091.78	
	labour cess @1%				290.92	
	Rate including labour cess				29382.70	
		Say Rs.	**29382.70**	**Per sqm**		
9.139	**Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on backside of the Panic Latch of reputed brand and manufacture to be approved by the Engineer- in- charge,all complete.**					
	Details of cost for each					
	MATERIAL:					
8744	Panic Bar / latch (Double point)	each	1.00	4839.76	4839.76	
	Labour for fixing					
0111	Carpenter 1 st class	day	0.17	342.00	58.14	
9999	Sundries (screws and carriage)	L.S.	3.64	1.80	6.55	
	TOTAL				4904.45	
	Add Water Charges @ 1%				49.04	
	TOTAL				4953.50	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				695.97	
	Total				5649.46	(Y)
	Add CPOH @ 15% on "Y"				847.42	
	Cost of each				6496.88	
	labour cess @1%				64.97	
	Rate including labour cess				6561.85	
		Say Rs.	**6561.90**	**Each**		
9.140	**Providing and fixing plain lining with necessary screws/nuts & bolts/nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-incharge (Frame work shall be paid for separately).**					
	12 mm thick commercial ply conforming to IS : 1328					
9.140.1	**BWR type**					
	Details of cost for 10 sqm					
	MATERIAL:					
2413	12 mm commercial ply	sqm	11.00	651.51	7166.57	
	Priming coat					
13.81.1	Rate as per Item Number 13.81.1 of SH: Finishing	sqm	10.00	32.20	322.00	**A**
9999	Sundries and screws etc.	L.S.	40.10	1.80	72.18	
	LABOUR:					
0156	Carpenter (average)	day	1.28	305.00	390.40	
0114	Beldar	day	1.43	254.00	363.22	
9999	Sundries and carriage	L.S.	33.56	1.80	60.41	

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				8374.78
	Add Water Charges @ 1% except on A i.e on (8374.77821276596 - 322=)				80.53
	TOTAL				8455.31 (X)
	Add GST 12% on "X" except on A (multiplying factor 0.1405)				1142.73
	Total				9598.04 (Y)
	Add CPOH @ 15% on "Y" except on A i.e on (9598.03548717617 - 322=)				1391.41
	Cost of 10 sqm				10989.44
	Cost of 1 sqm				1098.94
	labour cess @1%				10.99
	Rate including labour cess				1109.93
		Say Rs.	**1109.90**	**Per sqm**	
9.141	**Providing and fixing PVC Door Frame of size 50x47 mm with a wall thickness of 5 mm (± 0.2 mm), made out of single piece extruded PVC profile, with mitred cut joints and joint with 2 nos of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 x 15 mm & self driven self taping screws,the vertical door profiles to be reinforced with 40x20 mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5 mm PVC frame strip with PVC solvent cement on the back of the profile. The door frame to be fixed to the wall using 8 x100 mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in-charge.**				
	Details of cost for one door frame of 5 metre				
	MATERIAL:				
8014	Factory made door frame of size 50x47 mm with wall thickness 5 mm made of single piece extruded profile	metre	5.00	465.36	2326.81
	LABOUR:				
0156	Carpenter (average)	day	0.15	305.00	45.75
0114	Beldar	day	0.15	254.00	38.10
9999	Sundries	L.S.	11.65	1.80	20.97
	TOTAL				2431.63
	Add Water Charges @ 1%				24.32
	TOTAL				2455.94 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				345.06
	Total				2801.01 (Y)
	Add CPOH @ 15% on "Y"				420.15
	Cost of 5 metre				3221.16
	Cost of 1 metre				644.23
	labour cess @1%				6.44
	Rate including labour cess				650.67
		Say Rs.	**650.70**	**Per metre**	

Code No	Description	Unit	Quantity	Rate	Amount
9.142	**35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded soild PVC profiles, 5 mm (± 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mmx 35 mm x 5 mm,out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner. Single piece extruded 5mm thick solid PVC Lock rail of size 115 mm x 35 mm x 35 mm, out of which 95 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel,all complete as per manufacturer's specification and direction of Engineer-in-charge.**				
9.142.1	**Non decorative finish (matt finish)**				
	Details of cost for one shutter 2.20x1.08m				
	=2.38 sqm				
	MATERIAL:				
8735	35 mm thick factory made solid panel PVC door shutter of single piece extruded profile non decorative finished (Matt finished)	sqm	2.38	2001.06	4762.51
8100	Powder coated M.S. butt hinges 100 mm X58 mm X 1.9 mm	10 Nos	4.00	79.11	31.64
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38
	LABOUR:				
0156	Carpenter (average)	day	0.40	305.00	122.00
0114	Beldar	day	0.40	254.00	101.60
9999	Sundries	L.S.	30.35	1.80	54.63
	TOTAL				5102.91
	Add Water Charges @ 1%				51.03
	TOTAL				5153.94 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				724.13
	Total				5878.07 (Y)
	Add CPOH @ 15% on "Y"				881.71
	Cost of 2.38 sqm				6759.78
	Cost of 1 sqm				2840.24
	labour cess @1%				28.40
	Rate including labour cess				2868.65
		Say Rs.	**2868.60**	**Per sqm**	
9.142.2	**Decorative finish (wood grained finish)**				
	Details of cost for one shutter 2.20x1.08m=2.38 sqm				
	MATERIAL:				
8736	35 mm thick factory made solid panel PVC door shutter of single piece extruded profile decorative finished (wood grain finished)	sqm	2.38	2419.88	5759.32
8100	Powder coated M.S. butt hinges 100 mm X 58 mm X 1.9 mm	10 Nos	4.00	79.11	31.64
0637	Bright finished or black enameled mild steel screws 40 mm	100 Nos	48.00	58.64	28.15
0640	Bright finished or black enameled mild steel screws 20 mm	100 Nos	8.00	29.78	2.38

Code No	Description	Unit	Quantity	Rate	Amount	
	LABOUR:					
0156	Carpenter (average)	day	0.40	305.00	122.00	
0114	Beldar	day	0.40	254.00	101.60	
9999	Sundries	L.S.	30.35	1.80	54.63	
	TOTAL				6099.72	
	Add Water Charges @ 1%				61.00	
	TOTAL				6160.72	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				865.58	
	Total				7026.30	(Y)
	Add CPOH @ 15% on "Y"				1053.94	
	Cost of 2.38 sqm				8080.24	
	Cost of 1 sqm				3395.06	
	labour cess @1%				33.95	
	Rate including labour cess				3429.01	
		Say Rs.	**3429.00**	**Per sqm**		

9.143 **Providing and Fixing factory made uPVC door frame, made of uPVC exturded sections, of size 65 mm x 55 mm with wall thickness 2.0 mm (± 0.2 mm) , corners of the door frame to be mitred cut and jointed with plastic brackets and stainless steel screws, reinforcing hinge side vertical of the frames with PVC profile of Size 28 mm x 30 mm having wall thickness 2 mm (±0.2 mm), including providing & fixing 3 nos of 125 mm long stainless steel hinges to the frame, fixing the frame with jamb with required number & size of anchor dash fastners, all complete as per manufacturer's specification and direction of Engineer-in-charge.**

Details of cost for 5 metre

MATERIAL:

8745	65 mm x 55 mm x 2 mm thick Factory made door frame of PVC extruded section in white,grey or wooden finish	metre	5.00	316.45	1582.23	
	LABOUR:					
0156	Carpenter (average)	day	0.15	305.00	45.75	
0114	Beldar	day	0.15	254.00	38.10	
9999	Sundries	L.S.	4.68	1.80	8.42	
	TOTAL				1674.50	
	Add Water Charges @ 1%				16.75	
	TOTAL				1691.25	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)				237.62	
	Total				1928.87	(Y)
	Add CPOH @ 15% on "Y"				289.33	
	Cost of 5 metre				2218.20	
	Cost of 1 metre				443.64	
	labour cess @1%				4.44	
	Rate including labour cess				448.08	
		Say Rs.	**448.10**	**Per metre**		

9.144 **Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-incharge.**

Details of cost for one door shutter 2.20x1.08m
= 2.38 sqm

MATERIAL:

8746	37 mm thick Factory made shutter with style, rails					

Code No	Description	Unit	Quantity	Rate	Amount
	and panels of PVC extruded section in white or grey finish i/c carriage	sqm	2.38	2233.74	5316.29
	LABOUR:				
0156	Carpenter (average)	day	0.40	305.00	122.00
0114	Beldar	day	0.40	254.00	101.60
9999	Sundries	L.S.	20.36	1.80	36.65
	TOTAL				5576.54
	Add Water Charges @ 1%				55.77
	TOTAL				5632.31 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				791.34
	Total				6423.64 (Y)
	Add CPOH @ 15% on "Y"				963.55
	Cost of 2.38 sqm				7387.19
	Cost of 1 sqm				3103.86
	labour cess @1%				31.04
	Rate including labour cess				3134.90
		Say Rs.	**3134.90**	**Per sqm**	

9.145 **Providing and Fixing factory made PVC door frame made of PVC extruded sections of size 75 mm x 53 mm, having wall thickness 2.0 mm (± 0.2 mm). Both verticals sides of the frame reinforced with PVC profile of cross section size 28 mm x 30 mm x 2 mm thickness (± 0.2 mm) and 75 mm x 200 mm long, including reinforcing both ends of the top frame with PVC profile. PVC Door Frame and PVC reinforcement profile to be mitred cut jointed and fusion welded together, including providing and fixing 3 nos of 125 mm long stainless steel hinges to frame, fixing the frame with jamb with required nos & sizes of anchor dash fastener, all complete as per manufacturer's specification and direction of engineer-incharge.**

Details of cost for 5 metre

	MATERIAL:				
8747	75 mm x 53 mm x 2.0 mm thick Factory made door frame of PVC extruded section in white, grey or wooden finish	metre	5.00	353.67	1768.37
	LABOUR:				
0156	Carpenter (average)	day	0.15	305.00	45.75
0114	Beldar	day	0.15	254.00	38.10
9999	Sundries	L.S.	4.68	1.80	8.42
	TOTAL				1860.65
	Add Water Charges @ 1%				18.61
	TOTAL				1879.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				264.04
	Total				2143.29 (Y)
	Add CPOH @ 15% on "Y"				321.49
	Cost of 5 metre				2464.78
	Cost of 1 metre				492.96
	labour cess @1%				4.93
	Rate including labour cess				497.89
		Say Rs.	**497.90**	**Per metre**	

Code No	Description	Unit	Quantity	Rate	Amount
9.146	**Providing and fixing 37 mm thick factory made PVC Door shutter, styles and rails made of PVC hollow extruded printed and laminated section having overall dimension 115 mm x 37 mm with wall thickness 2 mm (± 0.2 mm) with inbuilt beading on one side, the styles and rails mitred cut and joint at corners by inserting 2 nos PVC profile reinforcement of size 75 mm x 200 mm long with cross section size of 28 mm x 30 mm having wall thickness 2 mm (± 0.2 mm). Styles, rails and reinforcements to be fusion welded together. Only hinge side vertical style to be reinforced with PVC profile reinforcement in full length. Printed and laminated PVC lock rail of size 110 mm x 37 mm having wall thickness 2 mm (± 0.2 mm) to be welded horizontally with the vertical styles after inserting PVC profile reinforcement as in styles and rails, providing with PVC snap fit beading, panels of 100 x 20 mm printed & laminated and inserting 2 nos 6 mm dia bright steel rod horizontally with both side threaded and tightened with check nuts and washers complete, all as per manufacturer's specification and direction of engineer-incharge.**				
	Details of cost for one door shutter 2.20x1.08m = 2.38 sqm				
	MATERIAL:				
8748	37 mm thick Factory made fusion welded shutter with style,rails and panels of PVC extruded section in wooden finish	sqm	2.38	2419.88	5759.32
	LABOUR:				
0156	Carpenter (average)	day	0.40	305.00	122.00
0114	Beldar	day	0.40	254.00	101.60
9999	Sundries	L.S.	20.36	1.80	36.65
	TOTAL				6019.56
	Add Water Charges @ 1%				60.20
	TOTAL				6079.76 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				854.21
	Total				6933.97 (Y)
	Add CPOH @ 15% on "Y"				1040.09
	Cost of 2.38 sqm				7974.06
	Cost of 1 sqm				3350.45
	labour cess @1%				33.50
	Rate including labour cess				3383.95
		Say Rs.	**3384.00**	**Per sqm**	
9.147 A	**Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately)** **Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance**				
9.147 A1	**Casement window single panel with S.S. friction hinges (300 x 19 x 1.9 mm), made of (small series) frame 47 x 50 mm & sash 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glass pane glazing bead of appropriate dimension. (Area of window upto 0.75 sqm.)**				

Code No	Description	Unit	Quantity	Rate	Amount
	Detail of Cost for uPVC casement window size 0.50 x 1.35 m = 0.68 sqm				
	MATERIAL				
8121	uPVC extruded (small series) casement window frame size 47x50mm i/c 5% wastage	metre	3.89	229.89	894.27
8122	uPVC extruded (small series) casement window sash/window mullion size 47x68mm i/c 5% wastage	metre	3.68	248.50	914.49
8125	uPVC extruded glazing bead of appropriate dimension for small series casement window Sash	metre	3.49	83.77	292.34
	Galvanized iron reinforcement for :-				
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series casement window frame, sash, mullion i/c 5% wastage Window Frame = 3.59 M + Window Sash = 3.38 M Total = 6.97 M	metre	6.97	60.50	421.66
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	14.55	18.61	270.84
3995	G.I fasteners 100 x 8 mm	each	8	13.96	111.69
8757	Stainless steel friction hinges (SS-304 grade) size 300 x 19 x 1.9 mm for uPVC window	each	2	218.72	437.44
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	1	113.55	113.55
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	0.68	430.00	292.40
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	0.68	305.00	207.40
	TOTAL				4262.08
	Add 1 % Water charges				42.62
	TOTAL				4304.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				604.81
	Total				4909.51 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				736.43
	Cost of 0.68 sqm				5645.94
	Cost of 1.00 sqm				8302.85
	Add labour cess @1 %				83.03
	Rate including labour cess				8385.88
	Rate including labour cess				8385.88
		Say Rs.	**8385.90**	**Per sqm**	

9.147 A2 **Casement window double panels with S.S. friction hinges (300 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window above 0.75 sqm upto 1.50 sqm).**

Detail of cost for uPVC casement window size 1.00 x 1.35 m = 1.35 sqm.
MATERIAL

Code No	Description	Unit	Quantity	Rate	Amount
8121	uPVC extruded (small series) casement window frame size 47x50mm i/c 5% wastage	metre	4.94	229.89	1135.65
8122	uPVC extruded (small series) casement window sash/window Mullion size 47x68 mm i/c 5% wastage Window Sash = 7.44 M + Window Mullion =1.42 M Total = 8.86 M	metre	8.86	248.50	2201.74
8125	uPVC extruded glazing bead of appropriate dimensio n for small series casement window Sash i/c 5% wastage Galvanized iron reinforcement for	metre	7.06	83.77	591.38
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series casement window frame, sash, mullion i/c 5% wastage Window Frame = 4.64 M + Window Sash = 6.64 M + Window Mullion = 1.35 M Total = 12.63 M	metre	12.63	60.50	764.08
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	27.91	18.61	519.53
3995	G.I fasteners 100 x 8 mm	each	10.00	13.96	139.61
8757	Stainless steel friction hinges (SS-304grade) size 300 x 19 x 1.9 mm for uPVC window	each	4.00	218.72	874.88
8750	Zinc alloy (white powder coated) casement handle fo r uPVC window	each	2.00	113.55	227.10
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded casement wi ndows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	1.35	430.00	580.50
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	1.35	305.00	411.75
	TOTAL				7752.21
	Add 1 % Water charges				77.52
	TOTAL				7829.73 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1100.08
	Total				8929.81 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				1339.47
	Cost of 1.35 sqm				10269.28
	Cost of 1.00 sqm				7606.88
	Add labour cess @1 %				76.07
	Rate including labour cess				7682.95
	Rate including labour cess				7682.95
		Say Rs.	**7683.00**	**Per sqm**	

9.147A.3 **Casement window double panels with top fixed with S.S. friction hinges (350 x 19 x 1.9 mm) made of (small series) frame 47 x 50 mm, sash 47 x 68 mm & mullion 47 x 68 mm all having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 2.50 sqm).**

	Detail of cost for uPVC casement window size 1.20 x 1.80 m = 2.16 sqm				
	MATERIAL				
8121	uPVC extruded (small series) casement window frame size 47x50mm i/c 5% wastage	metre	6.30	229.89	1448.30

Code No	Description	Unit	Quantity	Rate	Amount
8122	uPVC extruded (small series) casement window sash/window Mullion size 47x68 mm i/c 5% wastage Window Sash = 7.28 M + Window Mullion = 2.52 M Total = 9.80 M	metre	9.80	248.50	2435.33
8125	uPVC extruded glazing bead of appropriate dimension for small series casement window Sash i/c 5% wastage	metre	10.62	83.77	889.59
	Galvanized iron reinforcement for :-				
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series casement window frame, sash, mullion i/c 5% wastage Window Frame = 6.00 M + Window Sash = 6.68 M + Window Mullion = 2.37 M Total = 15.05 M	metre	15.05	60.50	910.48
7390	EPDM Gasket for uPVC window i/c 5% wastage				
	wastage	metre	37.34	18.61	695.06
3995	G.I fasteners 100 x 8 mm	each	12.00	13.96	167.53
8758	Stainless steel friction hinges (SS-304grade) size 350 x 19 x 1.9 mm for uPVC window	each	4.00	297.83	1191.33
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	2.00	113.55	227.10
9999	Sundries, plastic packers, plastic caps,SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	2.16	430.00	928.80
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	2.16	305.00	658.80
	TOTAL				9858.31
	Add 1 % Water charges				98.58
	TOTAL				9956.90 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1398.94
	Total				11355.84 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				1703.38
	Cost of 2.16 sqm				13059.21
	Cost of 1.00 sqm				6045.93
	Add labour cess @1 %				60.46
	Rate including labour cess				6106.39
	Rate including labour cess				6106.39
		Say Rs.	**6106.40**	**Per sqm**	

9.147A.4 **Casement window single panel with S.S. friction hinges (400 x 19 x 1.9 mm) made of (big series)frame 67 x 60 mm & sash 67 x 80 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 0.75 sqm.)**

Detail of cost for uPVC casement window size 0.70 x 1.35 m = 0.95 sqm

MATERIAL

Code No	Description	Unit	Quantity	Rate	Amount
8126	uPVC extruded (big series) casement window frame size 67x60 mm i/c 5% wastage	metre	4.31	333.20	1436.09
8128	uPVC extruded (big series) casement window sash/window mullion size 67x80 mm i/c 5% wastage	metre	4.02	393.70	1582.66
8130	uPVC extruded glazing bead of appropriate dimension for big series casement window sash i/c 5% wastage	metre	3.83	106.10	406.37
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window frame, sash, mullion, i/c 5% wastage Window Frame = 4.01 M + Window Sash = 3.72 M Total = 7.73 M	metre	7.73	65.15	503.61
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	15.99	18.61	297.65
3995	G.I fasteners 100 x 8 mm	each	10.00	13.96	139.61
8759	Stainless steel friction hinges (SS-304grade) size 400 x 19 x 1.9 mm for uPVC window	each	2.00	325.75	651.51
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	1.00	113.55	113.55
9999	Sundries, plastic packers, plastic caps,SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	0.95	430.00	408.50
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	0.95	305.00	289.75
	TOTAL				6135.29
	Add 1 % Water charges				61.35
	TOTAL				6196.64 X
	Add GST 12% on "X" (multiplying factor 0.1405)				870.63
	Total				7067.27 Y
	Add 15 % Contractor's profit and overheads on "Y"				1060.09
	Cost of 0.95 sqm				8127.36
	Cost of 1.00 sqm				8555.12
	Add labour cess @1 %				85.55
	Rate including labour cess				8640.67
	Rate including labour cess				8555.12
		Say Rs.	**8555.10**	**Per sqm**	

9.147A.5 **Casement window double panels with S.S. friction hinges (350 x 19 x 1.9 mm) made of (big series)frame 67 x 60 mm & sash / mullion 67 x 80 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead/ double glazing bead of appropriate dimension. (Area of window above 1.50 sqm**

	Detail of Cost for uPVC casement window size 1.20 x 1.35 m = 1.62 sqm.				
	MATERIAL				
8126	uPVC extruded (big series) casement window frame size 67x60 mm i/c 5% wastage	metre	5.36	333.20	1785.9465

Code No	Description	Unit	Quantity	Rate	Amount
8128	uPVC extruded (big series) casement window sash/window mullion size 67x 80 mm i/c 5% wastage Window Sash = 7.71 M + Window Mullion = 1.42 M Total = 9.13 M	metre	9.13	393.70	3594.4445
8130	uPVC extruded glazing bead of appropriate dimension for big series casement window sash i/c 5% wastage	metre	7.34	106.10	778.79212
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window frame, sash, mullion i/c 5% wastage Window Frame = 5.31 M + Window Sash = 7.11 M + Window Mullion = 1.41 M Total = 13.83 M	metre	13.83	65.15	901.03333
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	30.62	18.61	569.97501
3995	G.I fasteners 100 x 8 mm	each	12.00	13.96	167.53021
8758	Stainless steel friction hinges (SS-304 grade) size 350 x 19 x 1.9 mm for uPVC window	each	4.00	297.83	1191.326
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	2.00	113.55	227.09651
9999	Sundries, plastic packers, plastic caps,SS screws and carriage of material	L.S.	170.00	1.80	306
	LABOUR				
162	Labour for fabrication of uPVC extruded casement windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	1.62	430.00	696.6
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	1.62	305.00	494.1
	TOTAL				10712.84
	Add 1 % Water charges				107.13
	TOTAL				10819.97 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1520.21
	Total				12340.18 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				1851.03
	Cost of 1.62 sqm				14191.21
	Cost of 1.00 sqm				8760.00
	Add labour cess @1 %				141.91
	Rate including labour cess				8901.92
	Rate including labour cess				8,901.92
		Say Rs.	**8901.90**	**Per sqm**	

9.147A.6 Casement cum fixed panel window having both end single casement panel, middle fixed panels and at top completely fixed ventilator with S.S friction hinges (350 x 19 x 1.9) made of (big series) frame 67 x 60 mm , sash 67 x 80 mm , & mullion 67 x 80 mm all having wall thickness of 2.3 ± 0.2 mm and single glazing bead/double glazing bead of appropriate dimension. (Area of window above 3.00 sqm upto 5.00 sqm).

Code No	Description	Unit	Quantity	Rate	Amount
	Detail of cost for uPVC casement cum fixed window size 2.50 x 1.60 m = 4.00 sqm.				
	MATERIAL				
8126	uPVC extruded (big series) casement window frame size 67x60 mm i/c 5% wastage	metre	8.61	333.20	2868.84
8128	uPVC extruded (big series) casement window sash/window mullion size 67x80 mm i/c 5% wastage Window Sash = 6.24 M + Window Mullion =8.93 M Total = 15.17 M	metre	15.17	393.70	5972.37
8130	uPVC extruded glazing bead of appropriate dimension for big series casement window sash i/c 5% wastage	metre	27.85	106.10	2954.95
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window frame, sash, mullion, big & small series sliding window frame i/c 5% wastage Window Frame = 8.31 M + Window Sash =5.64 M + Window Mullion = 7.95 M Total = 21.90 M	metre	21.90	65.15	1426.80
7390	EPDM Gasket for uPVC window/door i/c 5% wastage i/c 5% wastage	metre	83.45	18.61	1553.38
3995	G.I fasteners 100 x 8 mm	each	16.00	13.96	223.37
8758	Stainless steel friction hinges (SS-304grade) size 350 x 19 x 1.9 mm for uPVC window	each	4.00	297.83	1191.33
8750	Zinc alloy (white powder coated) casement handle for uPVC window	each	2.00	113.55	227.10
9999	Sundries, plastic packers, plastic caps,SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded casement windows including drilling holes,fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	4.00	430.00	1720.00
163	Labour for installation of uPVC extruded casement windows including scaffolding	sqm	4.00	305.00	1220.00
	TOTAL				19664.14
	Add 1 % Water charges				196.64
	TOTAL				19860.78 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2790.44
	Total				22651.22 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				3397.68
	Cost of 4.00 sqm				26048.90
	Cost of 1.00 sqm				6512.23
	Add labour cess @1 %				65.12
	Rate including labour cess				6577.35
	Rate including labour cess				6577.35
		Say Rs.	**6577.40**	**Per sqm**	

Code No	Description	Unit	Quantity	Rate	Amount

9.147B **Providing and fixing factory made uPVC white colour fixed glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately).**

Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.

9.147B.1 **Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)**

	Detail of cost for uPVC fixed window size 1.20 x 0.50 m = 0.60 sqm.				
	MATERIAL				
8121	uPVC extruded (small series) fixed window frame size 47x50mm	metre	3.57	229.89	820.70
8122	uPVC extruded (small series) fixed window mullion size 47x68 mm	metre	0.53	248.50	131.71
8125	uPVC extruded glazing bead of appropriate dimension for small series fixed window Sash	metre	3.99	83.77	334.22
	Galvanized iron reinforcement for :-				
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series fixed window frame and mullion i/c 5% wastage Window Frame = 3.27 M + Window Mullion = 0.98 M	metre	4.25	60.50	257.11
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	8.38	18.61	155.99
3995	G.I fasteners 100 x 8 mm SS screws and carriage of material	each	8.00	13.96	111.69
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded fixed windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.		0.60	430.00	258.00
163	Labour for installation of uPVC extruded fixed windows including scaffolding	sqm	0.60	305.00	183.00
	TOTAL				2558.42
	Add 1 % Water charges				25.58
	TOTAL				2584.00 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				363.05
	Total				2947.06 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				442.06
	Cost of 0.60 sqm				3389.12
	Cost of 1.00 sqm				5648.53

Code No	Description	Unit	Quantity	Rate	Amount
	Add labour cess @1 %				56.49
	Rate including labour cess				5705.01
	Rate including labour cess				5705.01
		Say Rs.	**5705.00**	**Per sqm**	
9.147C	**Providing and fixing factory made uPVC white colour casement/ Casement cum fixed glazed door comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, zinc alloy (white powder coated) 3D hinges and one handle on each side of panels along with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key, G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws, etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealent shall be paid separately).** **Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.**				
9.147C.1	**Casement door with 3D hinges made of (big series) frame 67 x 64 mm & sash 67 x 110 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door upto 2.00 sqm).**				
	Detail of cost for uPVC casement door size 0.90 x 2.10 m = 1.89 sqm.				
	MATERIAL				
8127	uPVC extruded (big series) casement door frame size 67x64 mm i/c 5% wastage	metre	5.36	344.37	1845.81
8129	uPVC extruded (big series) casement door sash size 67x110 mm i/c 5% wastage	metre	6.02	511.90	3081.63
8130	uPVC extruded glazing bead of appropriate dimension for big series casement door sash i/c 5% wastage	metre	5.22	106.10	553.85
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement window/door frame, sash, mullion, i/c 5% wastage	metre	5.14	65.15	334.87
3993	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement door sash i/c 5% wastage	metre	5.72	88.42	505.76
7390	EPDM Gasket for uPVC window/door i/c 5% wastage	metre	22.91	18.61	426.46
3995	G.I fasteners 100 x 8 mm	each	10.00	13.96	139.61
8116	Zinc alloy (white powder coated) 3D Hinges for uPVC door	each	3.00	423.48	1270.44
8117	Zinc alloy (white powder coated) handles with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key for uPVC casement door	each set	1.00	1861.45	1861.45
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material LABOUR	L.S.	170.00	1.80	306.00
	LABOUR				

Code No	Description	Unit	Quantity	Rate	Amount
162	Labour for fabrication of uPVC extruded casement/fixed windows/and door including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	1.89	430.00	812.70
163	Labour for installation of uPVC extruded casement windows and doors including scaffolding	sqm	1.89	305.00	576.45
	TOTAL				11715.02
	Add 1 % Water charges				117.15
	TOTAL				11832.17
	Add GST 12% on "X" (multiplying factor 0.1405)				1662.42
	Total				13494.59
	Add 15 % Contractor's profit and overheads on "Y"				2024.19
	Cost of 1.89 sqm				15518.78
	Cost of 1.00 sqm				8210.99
	Add labour cess @1 %				82.11
	Rate including labour cess				8293.10
	Rate including labour cess				8293.10
		Say Rs.	**8293.10**	**Per sqm**	

9.147C.2 **Casement door with top hung ventilator with 3D and S.S. friction hinges (400 x 19 x 1.9 mm) made of (big series) frame 67 x 64 mm, sash 67 x 110 mm & mullion 67 x 80 mm all having wall thickness of 2.3 ±. 0.2 mm and single glazing bead / double glazing bead of appropriate dimension.(Area of door upto 2.50 sqm)**

	Detail of cost for uPVC casement door size 0.90 x 2.70 m = 2.43 sqm				
	MATERIAL				
8127	uPVC extruded (big series) casement door frame size 67x64 mm i/c 5% wastage	metre	6.30	344.37	2169.52
8129	uPVC extruded (big series) casement door sash size 67x110 mm i/c 5% wastage	metre	6.01	511.90	3076.51
8128	uPVC extruded (big series) casement door sash/mullion size 67x80 mm i/c 5% wastage Door sash (67 mm x 80 mm) = 2.60 M +Door mullion (67 mm x 80 mm) = 0.95 M Total = 3.55 M	metre	3.55	393.70	1397.62
8130	uPVC extruded glazing bead of appropriate dimension for big series casement door sash i/c 5% wastage	metre	8.06	106.10	855.19
	Galvanized iron reinforcement for :-				0.00
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement door frame, sash, mullion, i/c 5% wastage Door Frame = 6.08 M + Ventilator Sash = 2.30 M + Mullion = 0.88 M Total = 9.26 M	metre	9.26	65.15	603.29
3993	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series casement door sash i/c 5% wastage	metre	5.71	88.42	504.87
7390	EPDM Gasket for uPVC window/door i/c5% wastage	metre	31.98	18.61	595.29
3995	G.I fasteners 100 x 8 mm	each	12.00	13.96	167.53
8116	Zinc alloy (white powder coated) 3D Hinges for uPVC door	each	3.00	423.48	1270.44

Code No	Description	Unit	Quantity	Rate	Amount
8117	Zinc alloy (white powder coated) handles with zinc plated mild steel multi point locking having transmission gear, cylinder with keeps and one side key for uPVC casement door	each set	1.00	1861.45	1861.45
8759	Stainless steel friction hinges (SS-304 grade) size 400 x 19 x 1.9 mm for uPVC window	each	2.00	325.75	651.51
8750	Zinc alloy (white powder coated) casement handle for uPVC window/ door	each	1.00	113.55	113.55
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				0.00
162	Labour for fabrication of uPVC extruded casement doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	2.43	430.00	1044.90
163	Labour for installation of uPVC extruded casement ventilator and doors including scaffolding	sqm	2.43	305.00	741.15
	TOTAL				15358.80
	Add 1 % Water charges				153.59
	TOTAL				15512.39
	Add GST 12% on "X" (multiplying factor 0.1405)				2179.49
	Total				17691.88 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				2653.78
	Cost of 2.43 sqm				20345.67
	Cost of 1.00 sqm				8372.70
	Add labour cess @1 %				83.73
	Rate including labour cess				8456.43
	Rate including labour cess				8456.43
		Say Rs.	**8456.40**	**Per sqm**	

9.147D **Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealent shall be paid separately)**

Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.

Code No	Description	Unit	Quantity	Rate	Amount
9.147D.1	**Two track two panels sliding window made of (small series) frame 52 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 1.75 sqm)**				
	Detail of cost for uPVC sliding window size 1.20 x 1.35 m = 1.62 sqm.				
	MATERIAL				
8133	uPVC extruded (small series) 2 track sliding window frame size 52x44 mm i/c 5% wastage	metre	5.36	248.50	1331.98
8137	uPVC extruded (small series) 2 track sliding window sash size 32x60mm i/c 5% wastage	metre	7.90	233.61	1845.53
8140	uPVC extruded interlock of appropriate dimension for small series sliding window sash i/c 5% wastage	metre	2.69	69.80	187.77
8131	uPVC extruded glazing bead of appropriate dimension for small series sliding window sash i/c 5% wastage	metre	6.92	51.19	354.23
	Galvanized iron reinforcement for				
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series 2 track sliding window frame and sash i/c 5% wastage 2 Track Sliding (Window Frame = 5.06 M + Window Sash = 7.30 M) Total = 12.36 M	metre	12.36	60.50	747.74
7390	EPDM Gasket for uPVC window/door i/c 5% wastage	metre	13.84	18.61	257.62
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	18.48	18.61	344.00
3995	G.I fasteners 100 x 8 mm	each	12.00	13.96	167.53
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	93.07	186.14
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	4.00	51.19	204.76
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	1.62	430.00	696.60
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	1.62	305.00	494.10
	TOTAL				7124.01
	Add 1 % Water charges				71.24
	TOTAL				7195.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1010.93
	Total				8206.18 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				1230.93
	Cost of 1.62 sqm				9437.11
	Cost of 1.00 sqm				5825.38
	Add labour cess @1 %				58.25
	Rate including labour cess				5883.63
	Rate including labour cess				5883.63

Code No	Description	Unit	Quantity	Rate	Amount
		Say Rs.	**5883.60**	**Per sqm**	
9.147D.2	**Three track three panels sliding window with fly proof SS wire mesh (Two nos. glazed & one no. wire mesh panels) made of (small series) frame 92 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension (Area of window upto 1.75 sqm).**				
	Detail of cost for uPVC sliding window size 1.20 x 1.35 m = 1.62 sqm.				
	MATERIAL				
8135	uPVC extruded (small series) 3 track sliding window frame size 92x44 mm i/c 5% wastage	metre	5.06	335.06	1695.41
8137	uPVC extruded (small series) 3 track sliding window sash size 32x60mm i/c 5% wastage	metre	11.84	233.61	2765.96
8140	uPVC extruded interlock of appropriate dimension for small series sliding window sash i/c 5% wastage	metre	4.04	69.80	282.01
8131	uPVC extruded glazing bead of appropriate dimension for small series sliding window sash i/c 5% wastage	metre	10.38	51.19	531.35
	Galvanized iron reinforcement for				
3991	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for small series sliding window frame and sash i/c 5% wastage 3 Track Sliding (Window Frame = 9.52 m + Window Sash = 10.94 m) Total = 20.46 M	metre	20.46	60.50	1237.77
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	20.76	18.61	386.44
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	27.72	18.61	515.99
3995	G.I fasteners 100 x 8 mm	each	12.00	13.96	167.53
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	93.07	186.14
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	6.00	51.19	307.14
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	1.62	430.00	696.60
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	1.62	305.00	494.10
	TOTAL				9572.44
	Add 1 % Water charges				95.72
	TOTAL				9668.16 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1358.38
	Total				11026.54 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				1653.98

Code No	Description	Unit	Quantity	Rate	Amount
	Cost of 1.62 sqm				12680.52
	Cost of 1.00 sqm				7827.48
	Add labour cess @1 %				78.27
	Rate including labour cess				7905.76
	Rate including labour cess				7905.76
		Say Rs.	**7905.80**	**Per sqm**	
9.147D.3	**Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension . (Area of window above 1.75 sqm upto 2.50 sqm).**				
	Detail of cost for uPVC sliding window size 1.50 x 1.35 m = 2.03sqm				
	MATERIAL				
8134	uPVC extruded (big series) 2 track sliding window frame size 67x50mm i/c 5% wastage	metre	5.99	341.58	2046.04
8138	uPVC extruded (big series) 2 track sliding window sash size 46x62mm i/c 5% wastage	metre	8.36	289.45	2419.84
8141	uPVC extruded interlock of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	2.65	79.11	209.65
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	7.64	76.32	583.08
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (2 track sliding window frame i/c 5% wastage)	metre	5.69	65.15	370.71
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (2 track sliding window frame i/c 5% wastage)	metre	7.76	79.11	613.91
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	15.28	18.61	284.43
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	19.37	18.61	360.56
3995	G.I fasteners 100 x 8 mm	each	14.00	13.96	195.45
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	93.07	186.14
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	4.00	51.19	204.76
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	2.03	430.00	872.90

Code No	Description	Unit	Quantity	Rate	Amount
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	2.03	305.00	619.15
	TOTAL				9272.62
	Add 1 % Water charges				92.73
	TOTAL				9365.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1315.83
	Total				10681.17 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				1602.18
	Cost of 2.03 sqm				12283.35
	Cost of 1.00 sqm				6050.91
	Add labour cess @1 %				60.51
	Rate including labour cess				6111.42
	Rate including labour cess				6111.42
		Say Rs.	**6111.40**	**Per sqm**	
9.147D.4	**Three track three panels sliding window with fly proof S.S wire mesh (Two nos. glazed & one no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 1.75 sqm).**				
	Detail of cost for uPVC sliding window size 1.80 x 1.35 m = 2.43 sqm.				
	MATERIAL				
8136	uPVC extruded (big series) 3 track sliding window frame size 116x45mm i/c 5% wastage	metre	6.62	470.02	3111.50
8139	uPVC extruded (big series) 3 track sliding window sash size 46x62mm i/c 5% wastage	metre	13.49	289.45	3904.75
8141	uPVC extruded interlock of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	3.98	79.11	314.86
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	11.91	76.32	908.96
	Galvanized iron reinforcement for -				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (3 track sliding window frame i/c 5% wastage)	metre	12.64	65.15	823.50
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window sash (3 track sliding window sash i/c 5% wastage)	metre	12.59	79.11	996.01
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	23.81	18.61	443.21
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	30.96	18.61	576.30
3995	G.I fasteners 100 x 8 mm	each	16.00	13.96	223.37
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	93.07	186.14
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	6.00	51.19	307.14

Code No	Description	Unit	Quantity	Rate	Amount
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	2.43	430.00	1044.90
163	Labour for installation of uPVC extruded casement/ sliding windows including scaffolding	sqm	2.43	305.00	741.15
	TOTAL				13887.82
	Add 1 % Water charges				138.88
	TOTAL				14026.69 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1970.75
	Total				15997.44 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				2399.62
	Cost of 2.43 sqm				18397.06
	Cost of 1.00 sqm				7570.81
	Add labour cess @1 %				75.71
	Rate including labour cess				7646.51
	Rate including labour cess				7646.51
		Say Rs.	**7646.50**	**Per sqm**	

9.147D.5 Three track three panels sliding window made of (big series) frame 116 x 45 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 1.75 sqm)

	Detail of cost for uPVC sliding window size 1.80 x 1.35 m = 2.43 sqm.				
	MATERIAL				
8136	uPVC extruded (big series) 3 track sliding window frame size 116x45mm i/c 5% wastage	metre	6.62	470.02	3111.50
8139	uPVC extruded (big series) 3 track sliding window sash size 46x62mm i/c 5% wastage	metre	11.85	289.45	3430.04
8141	uPVC extruded interlock of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	5.30	79.11	419.29
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	10.26	76.32	783.04
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (3 track sliding window frame i/c 5% wastage)	metre	12.64	65.15	823.50
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window sash (3 track sliding window sash i/c 5% wastage)	metre	10.95	79.11	866.27
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	20.52	18.61	381.97
8773	Wool pile/ weather pile strip for uPVC sliding wind ow i/c 5% wastage	metre	29.00	18.61	539.82
3995	G.I fasteners 100 x 8 mm	each	16.00	13.96	223.37

Code No	Description	Unit	Quantity	Rate	Amount
8751	Zinc alloy (white powder coated) touch lock with hook for uPVC window	each	2.00	93.07	186.14
8752	Zinc alloy body with single nylon roller (weight bearing capacity to be 40 Kg) for uPVC sliding window	each	6.00	51.19	307.14
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	2.43	430.00	1044.90
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	2.43	305.00	741.15
	TOTAL				13164.14
	Add 1 % Water charges				131.64
	TOTAL				13295.78 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				1868.06
	Total				15163.84 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				2274.58
	Cost of 2.43 sqm				17438.41
	Cost of 1.00 sqm				7176.30
	Add labour cess @1 %				71.76
	Rate including labour cess				7248.07
	Rate including labour cess				7248.07
		Say Rs.	**7248.10**	**Per sqm**	

9.147E **Providing and fixing factory made uPVC white colour sliding glazed window above 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads, uPVC extruded interlocks and uPVC extruded Inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle on one side of extreme panel along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) touch lock with hook (if required for wire mesh panel), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealent shall be paid separately).**
Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.

9.147E.1 Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 2.50 sqm upto 4.00 sqm.)

Detail of cost for uPVC sliding window size 1.50 x 2.40 m = 3.60 sqm.

MATERIAL

8134	uPVC extruded (big series) 2 track sliding window frame size 67x50mm i/c 5% wastage	metre	8.19	341.58	2797.50

Code No	Description	Unit	Quantity	Rate	Amount
8138	uPVC extruded (big series) 2 track sliding window sash size 46x62mm i/c 5% wastage	metre	12.77	289.45	3696.34
8141	uPVC extruded interlock of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	4.86	79.11	384.48
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	12.04	76.32	918.88
	Galvanized iron reinforcement for				0.00
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (2 track sliding window frame i/c 5% wastage)	metre	7.89	65.15	514.04
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window sash (2 track sliding window sash i/c 5% wastage)	metre	12.17	79.11	962.79
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	24.08	18.61	448.24
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	30.40	18.61	565.88
3995	G.I fasteners 100 x 8 mm	each	16.00	13.96	223.37
8118	Zinc alloy (white powder coated) handles along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding window	each set	2.00	884.19	1768.37
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for u PVC sliding window	each	4.00	83.77	335.06
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes,fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	3.60	430.00	1548.00
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	3.60	305.00	1098.00
	TOTAL				15566.96
	Add 1 % Water charges				155.67
	TOTAL				15722.63 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2209.03
	Total				17931.66 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				2689.75
	Cost of 3.60 sqm				20621.41
	Cost of 1.00 sqm				5728.17
	Add labour cess @1 %				57.28
	Rate including labour cess				5785.45
	Rate including labour cess				5785.45
		Say Rs.	**5785.50**	**Per sqm**	

Code No	Description	Unit	Quantity	Rate	Amount
9.147E.2	**Two track four panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 4.00 sqm upto 8.00 sqm).**				
	Detail of cost for uPVC sliding window size 3.00 x 2.40 m = 7.20 sqm.				
	MATERIAL				
8134	uPVC extruded (big series) 2 track sliding window frame size 67x50mm i/c 5% wastage	metre	11.34	341.58	3873.47
8138	uPVC extruded (big series) 2 track sliding window sash size 46x62mm i/c 5% wastage	metre	25.75	289.45	7453.47
8141	uPVC extruded interlock of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	9.71	79.11	768.17
8142	uPVC extruded inline adaptor of appropriate dimension for big series sliding window sash i/c 5% wastage	metre	2.40	79.11	189.87
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding window Sash i/c 5% wastage	metre	24.31	76.32	1855.32
	Galvanized iron reinforcement for				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window frame (2 track sliding window frame i/c 5% wastage)	metre	11.04	65.15	719.26
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding window sash (2 track sliding window sash i/c 5% wastage)	metre	24.55	79.11	1942.19
7390	EPDM Gasket for uPVC window i/c 5% wastage	metre	48.62	18.61	905.04
8773	Wool pile/ weather pile strip for uPVC sliding window i/c 5% wastage	metre	61.21	18.61	1139.39
3995	G.I fasteners 100 x 8 mm	each	24.00	13.96	335.06
8118	Zinc alloy (white powder coated) handles along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding window	each set	2.00	884.19	1768.37
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding window	each	8.00	83.77	670.12
8754	Zinc alloy (white powder coated) cresent lock for uPVC sliding window	each	2.00	102.38	204.76
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding windows including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	7.20	430.00	3096.00
163	Labour for installation of uPVC extruded sliding windows including scaffolding	sqm	7.20	305.00	2196.00
	TOTAL				27422.49

Code No	Description	Unit	Quantity	Rate	Amount
	Add 1 % Water charges				274.22
	TOTAL				27696.71 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3891.39
	Total				31588.10 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				4738.21
	Cost of 7.20 sqm				36326.31
	Cost of 1.00 sqm				5045.32
	Add labour cess @1 %				50.45
	Rate including labour cess				5095.77
	Rate including labour cess				5095.77
		Say Rs.	**5095.80**	**Per sqm**	

9.147F **Providing and fixing factory made uPVC white colour sliding glazed door comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension uPVC extruded glazing beads, uPVC extruded interlock and uPVC extruded Inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle with key on one side of extreme panels along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) cresent lock (if required), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in- Charge. (Single / double glass panes, wire mesh and silicon sealent shall be paid separately).**
Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable

9.147F.1 **Two track two panels sliding door made of (big series) frame 67 x 50 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 2.00 sqm upto 5.00 sqm)**

Code	Description	Unit	Quantity	Rate	Amount
	Detail of cost for sliding door size 2.00 x 2.10 m = 4.20 sqm.				
	MATERIAL				
8134	uPVC extruded (big series) 2 track sliding door frame size 67x50mm i/c 5% wastage	metre	8.61	341.58	2940.96
8143	uPVC extruded 2 track sliding door sash (big series) size 46x82mm i/c 5% wastage	metre	12.60	304.35	3834.77
8141	uPVC extruded interlock of appropriate dimension for big series sliding door sash i/c 5% wastage	metre	4.23	79.11	334.64
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding door Sash i/c 5% wastage	metre	11.54	82.00	946.28
	Galvanized iron reinforcement for				

Code No	Description	Unit	Quantity	Rate	Amount
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (2 track sliding door sash i/c 5% wastage)	metre	8.31	70.00	581.70
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (2 track sliding door sash i/c 5% wastage)	metre	12.00	79.11	949.34
7390	EPDM Gasket for uPVC door i/c 5% wastage	metre	23.08	18.61	429.62
8773	Wool pile/ weather pile strip for uPVC sliding door i/c 5% wastage	metre	29.43	18.61	547.82
3995	G.I fasteners 100 x 8 mm	each	18.00	13.96	251.30
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	2.00	1070.33	2140.66
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for u PVC sliding door	each	4.00	83.77	335.06
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	4.20	430.00	1806.00
163	Labour for installation of uPVC extruded sliding doors including scaffolding	sqm	4.20	305.00	1806.00
	TOTAL				17210.16
	Add 1 % Water charges				172.10
	TOTAL				17382.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				2442.21
	Total				19824.47 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				2973.67
	Cost of 4.20 sqm				22798.13
	Cost of 1.00 sqm				5428.13
	Add labour cess @1 %				54.28
	Rate including labour cess				5482.41
	Rate including labour cess				5482.41
		Say Rs.	**5482.40**	**Per sqm**	

9.147F.2 Two track four panels sliding door made of (big series) frame 67 x 50 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 8.00 sqm upto 10.00 sqm).

	Detail of cost for uPVC sliding door size 4.00 x 2.10 m = 8.40 sqm.				
	MATERIAL				
8134	uPVC extruded (big series) 2 track sliding door frame size 67x50mm i/c 5% wastage	metre	12.81	341.58	4375.58
8143	uPVC extruded 2 track sliding door sash (big series) size 46x82mm i/c 5% wastage	metre	25.42	304.35	7736.49
8141	uPVC extruded interlock of appropriate dimension for big series sliding door sash i/c 5% wastage	metre	8.45	79.11	668.49

Code No	Description	Unit	Quantity	Rate	Amount
8142	uPVC extruded inline adaptor of appropriate dimension for big series sliding door sash	metre	2.10	79.11	166.13
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding door Sash	metre	23.30	76.32	1778.24
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door frame (2 track sliding door same i/c 5% wastage)	metre	12.51	70.00	875.70
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (2 track sliding door sash i/c 5% wastage)	metre	24.22	79.11	1916.08
7390	EPDM Gasket for uPVC door i/c 5% wastage	metre	46.60	18.61	867.43
8773	Wool pile/ weather pile strip for uPVC sliding door i/c 5% wastage	metre	59.29	18.61	1103.65
3995	G.I fasteners 100 x 8 mm	each	26.00	13.96	362.98
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	2.00	1070.33	2140.66
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for u PVC sliding door	each	8.00	83.77	670.12
8754	Zinc alloy (white powder coated) cresent lock for uPVC sliding door	each	2.00	102.38	204.76
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	8.40	430.00	3612.00
163	Labour for installation of uPVC extruded sliding doors including scaffolding	sqm	8.40	305.00	2562.00
	TOTAL				29346.33
	Add 1 % Water charges				293.46
	TOTAL				29639.79 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				4164.39
	Total				33804.18 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				5070.63
	Cost of 8.40 sqm				38874.81
	Cost of 1.00 sqm				4627.95
	Add labour cess @1 %				46.28
	Rate including labour cess				4674.23
	Rate including labour cess				4674.23
			Say Rs.	**4674.20**	**Per sqm**

9.147F.3 Three track three panels sliding door made of (big series) frame 116 x 45 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead/ double glazing bead of appropriate dimension. (Area of door above 5.00 sqm)

Code No	Description	Unit	Quantity	Rate	Amount
	Detail of cost for uPVC sliding door size 3.00 x 2.10 m = 6.30 sqm.				
	MATERIAL				
8136	uPVC extruded (big series) 3 track sliding door frame size 116x45mm i/c 5% wastage	metre	10.71	470.02	5033.86
8143	uPVC extruded 3 track sliding door sash (big series) size 46x82mm i/c 5% wastage	metre	19.09	304.35	5809.98
8141	uPVC extruded interlock of appropriate dimension for big series sliding door sash i/c 5% wastage	metre	8.45	79.11	668.49
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding door i/c 5% wastage	metre	17.51	76.32	1336.35
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door frams (3 track sliding door frame i/c 5% wastage)	metre	20.82	70.00	1457.40
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (3 track sliding door sash i/c 5% wastage)	metre	18.19	79.11	1439.04
7390	EPDM Gasket for uPVC door i/c 5% wastage	metre	35.01	18.61	651.69
8773	Wool pile/ weather pile strip for uPVC sliding door i/c 5% wastage	metre	46.63	18.61	867.99
3995	G.I fasteners 100 x 8 mm	each	24.00	13.96	335.06
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	2.00	1070.33	2140.66
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for uPVC sliding door	each	6.00	83.77	502.59
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	6.30	430.00	2709.00
163	Labour for installation of uPVC extruded sliding doors including scaffolding	sqm	6.30	305.00	1921.50
	TOTAL				25179.62
	Add 1 % Water charges				251.80
	TOTAL				25431.42 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3573.11
	Total				29004.53 (Y)
	Add 15 % Contractor's profit and overheads on "Y"				4350.68
	Cost of 6.30 sqm				33355.21
	Cost of 1.00 sqm				5294.48
	Add labour cess @1 %				52.94
	Rate including labour cess				5347.42

Code No	Description	Unit	Quantity	Rate	Amount
	Rate including labour cess				5347.42
			Say Rs. 5347.40	**Per sqm**	
9.147 F.4	**Three track three panels sliding door with fly proof S.S wire mesh (Two nos. glazed & one no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 2.00 sqm upto 5.00 sqm)**				
	Detail of cost for uPVC sliding door size 2.00 x 2.10 m = 4.20 sqm				
	MATERIAL				
8136	uPVC extruded (big series) 3 track sliding door frame size 116x45mm i/c 5% wastage	metre	8.61	470.02	4046.83
8143	uPVC extruded 3 track sliding door sash (big series) size 46x82mm i/c 5% wastage	metre	18.90	304.35	5752.15
8141	uPVC extruded interlock of appropriate dimension for big series sliding door sash i/c 5% wastage	metre	6.34	79.11	501.57
8132	uPVC extruded glazing bead of appropriate dimension for big series of sliding door Sash i/c 5% wastage	metre	17.82	76.32	1360.01
	Galvanized iron reinforcement for :-				
3992	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door frame (3 track sliding door frame i/c 5% wastage)	metre	8.31	70.00	581.70
3994	Galvanized iron (1.6 ± 0.2 mm) thick reinforcement for big series sliding door sash (3 track sliding door sash i/c 5% wastage)	metre	18.00	79.11	1424.01
7390	EPDM Gasket for uPVC door i/c 5% wastage	metre	36.64	18.61	682.03
8773	Wool pile/ weather pile strip for uPVC sliding door i/c 5% wastage	metre	44.14	18.61	821.64
3995	G.I fasteners 100 x 8 mm	each	18.00	13.96	251.30
8119	Zinc alloy (white powder coated) handles with key along with zinc plated mild steel multi point locking having transmission gear with keeps for uPVC sliding door	each set	2.00	1070.33	2140.66
8749	Zinc alloy (white powder coated) touch lock with hook for wire mesh shutter	each	1.00	120.00	120.00
8753	Stainless Steel (SS - 304) with adjustable double nylon roller (weight bearing capacity to be 120 Kg) for u PVC sliding door	each	6.00	83.77	502.59
9999	Sundries, plastic packers, plastic caps, SS screws and carriage of material	L.S.	170.00	1.80	306.00
	LABOUR				
162	Labour for fabrication of uPVC extruded sliding doors including drilling holes, fixing of fittings & hardwares, hire charges of drill machine and electricity charges etc.	sqm	4.20	430.00	1806.00
163	Labour for installation of uPVC extruded sliding doors including scaffolding	sqm	4.20	305.00	1281.00
	TOTAL				21577.49
	Add 1 % Water charges				215.77
	TOTAL				21793.27 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)				3061.95
	Total				24855.22 (Y)

Code No	Description	Unit	Quantity	Rate	Amount
	Add 15 % Contractor's profit and overheads on "Y"				3728.28
	Cost of 4.20 sqm				28583.50
	Cost of 1.00 sqm				6805.60
	Add labour cess @1 %				68.06
	Rate including labour cess				6873.65
	Rate including labour cess				6873.65
		Say Rs.	**6873.70**	**Per sqm**	
9.148	**Providing and fixing stainless steel (SS-304 grade) friction hinges to the side/ top hung uPVC windows,of approved quality, with necessary stainless steel screws etc. as per direction of Engineer-incharge.**				
9.148.1	**200 x 19 x 1.9 mm**				
	Details of cost for 10 Nos				
	MATERIAL:				
8755	Stainless steel friction hinge of size 200 mm x 19 x 1.9 mm for uPVC windows	each	10.00	181.49	1814.91
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	29.78	11.91
9999	Carriage	L.S.	2.73	1.80	4.91
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				1910.00
	Add Water Charges @ 1%				19.10
	TOTAL				1929.10
	Add GST 12% on "X" (multiplying factor 0.1405)				271.04
	Total				2200.14 (Y)
	Add CPOH @ 15%				330.02
	Cost of 10 nos				2530.16
	Cost of each				253.02
	labour cess @1%				2.53
	Rate including labour cess				255.55
		Say Rs.	**255.50**	**Each**	
9.148.2	**250 x 19 x 1.9 mm**				
	Details of cost for 10 Nos				
	MATERIAL:				
8756	Stainless steel friction hinge of size 250 mm x 19 x 1.9 mm for uPVC windows	each	10.00	204.76	2047.59
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	29.78	11.91
9999	Carriage	L.S.	2.73	1.80	4.91
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				2142.68
	Add Water Charges @ 1%				21.43
	TOTAL				2164.11
	Add GST 12% on "X" (multiplying factor 0.1405)				304.06
	Total				2468.16 (Y)
	Add CPOH @ 15%				370.22
	Cost of 10 nos				2838.39
	Cost of each				283.84
	labour cess @1%				2.84
	Rate including labour cess				286.68
		Say Rs.	**286.70**	**Each**	
9.148.3	**300 x 19 x 1.9 mm**				
	Details of cost for 10 Nos				

Code No	Description	Unit	Quantity	Rate	Amount
	MATERIAL:				
8757	Stainless steel friction hinge of size 300 mm x 19 x 1.9 mm for uPVC windows	each	10.00	218.72	2187.20
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	29.78	11.91
9999	Carriage	L.S.	2.73	1.80	4.91
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				2282.29
	Add Water Charges @ 1%				22.82
	TOTAL				2305.11
	Add GST 12% on "X" (multiplying factor 0.1405)				323.87
	Total				2628.98 (Y)
	Add CPOH @ 15%				394.35
	Cost of 10 nos				3023.32
	Cost of each				302.33
	labour cess @1%				3.02
	Rate including labour cess				305.36
9.148.4	**350 x 19 x 1.9 mm**	**Say Rs.**	**305.40**	**Each**	
	Details of cost for 10 Nos				
	MATERIAL:				
8758	Stainless steel friction hinge of size 350 mm x 19 x 1.9 mm for uPVC windows	each	10.00	297.83	2978.31
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	29.78	11.91
9999	Carriage	L.S.	2.73	1.80	4.91
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				3073.40
	Add Water Charges @ 1%				30.73
	TOTAL				3104.14
	Add GST 12% on "X" (multiplying factor 0.1405)				436.13
	Total				3540.27 (Y)
	Add CPOH @ 15%				531.04
	Cost of 10 nos				4071.31
	Cost of each				407.13
	labour cess @1%				4.07
	Rate including labour cess				411.20
9.148.5	**400 x 19 x 1.9 mm**	**Say Rs.**	**411.20**	**Each**	
	Details of cost for 10 Nos				
	MATERIAL:				
8759	Stainless steel friction hinge of size 400 mm x 19 x 1.9 mm for uPVC windows	each	10.00	325.75	3257.53
8647	Stainless steel screws 30 mm x4 mm	100 Nos	40.00	29.78	11.91
9999	Carriage	L.S.	2.73	1.80	4.91
0112	Carpenter 2nd class	day	0.14	305.00	42.70
0114	Beldar	day	0.14	254.00	35.56
	TOTAL				3352.62
	Add Water Charges @ 1%				33.53
	TOTAL				3386.15
	Add GST 12% on "X" (multiplying factor 0.1405)				475.75
	Total				3861.90 (Y)
	Add CPOH @ 15%				579.28
	Cost of 10 nos				4441.18
	Cost of each				444.12
	labour cess @1%				4.44
	Rate including labour cess				448.56
		Say Rs.	**448.60**	**Each**	

Code No	Description	Unit	Quantity	Rate	Amount
9.149	**Providing and fixing casement handle made of zinc alloyed (white powder coated) for uPVC casement window with necessary screws etc. complete.**				
	Details of cost for 10 Nos				
	MATERIAL:				
8750	Zinc alloy (white powder coated) casement handle for uPVC windows	each	10.00	113.55	1135.48
9999	Carriage	L.S.	4.42	1.80	7.96
9999	Sundries (Screws)	L.S.	3.00	1.80	5.40
	LABOUR:				
0156	Carpenter (average)	day	0.13	305.00	38.13
	TOTAL				1186.96
	Add Water Charges @ 1%				11.87
	TOTAL				1198.83
	Add GST 12% on "X" (multiplying factor 0.1405)				168.44
	Total				1367.27 (Y)
	Add CPOH @ 15%				205.09
	Cost of 10 nos				1572.36
	Cost of each				157.24
	labour cess @1%				1.57
	Rate including labour cess				158.81
		Say Rs.	**158.80**	**Each**	
9.150	**Providing and fixing zinc alloyed (white powder coated) touch lock for uPVC sliding window with necessary screws etc. complete.**				
	Details of cost for 10 Nos				
	MATERIAL:				
8751	Zinc alloy (white powder coated) Touch Lock for uPVC windows	each	10.00	93.07	930.72
9999	Carriage	L.S.	4.42	1.80	7.96
9999	Sundries (Screws)	L.S.	3.00	1.80	5.40
	LABOUR:				
0156	Carpenter (average)	day	0.13	305.00	38.13
	TOTAL				982.20
	Add Water Charges @ 1%				9.82
	TOTAL				992.03
	Add GST 12% on "X" (multiplying factor 0.1405)				139.38
	Total				1131.41 (Y)
	Add CPOH @ 15%				169.71
	Cost of 10 nos				1301.12
	Cost of each				130.11
	labour cess @1%				1.30
	Rate including labour cess				131.41
		Say Rs.	**131.40**	**Each**	
9.151	**Providing and fixing steel roller for uPVC sliding window with necessary screws etc. complete.**				
	Details of cost for 10 Nos				
	MATERIAL:				
8752	Zinc alloy rollers for uPVC windows	each	10.00	51.19	511.90
9999	Carriage	L.S.	4.42	1.80	7.96
9999	Sundries (Screws)	L.S.	3.00	1.80	5.40
	LABOUR:				
0156	Carpenter (average)	day	0.13	305.00	38.13

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				563.38
	Add Water Charges @ 1%				5.63
	TOTAL				569.01
	Add GST 12% on "X" (multiplying factor 0.1405)				79.95
	Total				648.96 (Y)
	Add CPOH @ 15%				97.34
	Cost of 10 nos				746.30
	Cost of each				74.63
	labour cess @1%				0.75
	Rate including labour cess				75.38
		Say Rs.	**75.40**	**Each**	
9.152	**Providing and fixing steel roller for uPVC sliding door with necessary screws etc. complete.**				
	Details of cost for 10 Nos				
	MATERIAL:				
8753	Zinc alloy rollers for uPVC door	each	10.00	83.77	837.65
9999	Carriage	L.S.	4.42	1.80	7.96
9999	Sundries (Screws)	L.S.	3.00	1.80	5.40
	LABOUR:				
0156	Carpenter (average)	day	0.13	305.00	38.13
	TOTAL				889.13
	Add Water Charges @ 1%				8.89
	TOTAL				898.02
	Add GST 12% on "X" (multiplying factor 0.1405)				126.17
	Total				1024.20 (Y)
	Add CPOH @ 15%				153.63
	Cost of 10 nos				1177.83
	Cost of each				117.78
	labour cess @1%				1.18
	Rate including labour cess				118.96
		Say Rs.	**119.00**	**Each**	
9.153	**Providing and fixing steel (white power coated) crescent lock for uPVC sliding window/ door with necessary screws etc. complete.**				
	Details of cost for 10 Nos				
	MATERIAL:				
8754	Zinc alloy (white powder coated) casement lock for uPVC windows	each	10.00	102.38	1023.80
9999	Carriage	L.S.	4.42	1.80	7.96
9999	Sundries (Screws)	L.S.	3.00	1.80	5.40
	LABOUR:				
0156	Carpenter (average)	day	0.13	305.00	38.13
	TOTAL				1075.28
	Add Water Charges @ 1%				10.75
	TOTAL				1086.03
	Add GST 12% on "X" (multiplying factor 0.1405)				152.59
	Total				1238.62 (Y)
	Add CPOH @ 15%				185.79
	Cost of 10 nos				1424.41
	Cost of each				142.44
	labour cess @1%				1.42
	Rate including labour cess				143.87
		Say Rs.	**143.90**	**Each**	

Code No	Description	Unit	Quantity	Rate	Amount
9.154	**Providing and fixing frame work for partitions/ wall lining etc. made of 50x50x1.6 mm hollow MS tube,placed along the walls, ceiling and floor in a grid pattern with spacing @bolt, including making provision for opening for doors, windows, electrical conduits, switch boards 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ ceiling/ floors with steel dash fasteners of 8 mm dia, 75 mm long etc., including providing with two coats of approved steel primer etc. complete, all as per direction of Engineer-in-charge.**				
	Details of cost for 2.4x2.4 m panel=5.76m² or 58.35 Kg MATERIAL: M.S.Pipe section @ 10.13 kg/sqm=58.35 Kg+ Add 5% wastage = 2.92 Kg Total = 61.27 Kg				
4009	Mild steel tubes hot finished welded type	kilogram	61.27	39.09	2395.07
8776	Stainless steel dash fastener of 8 mm dia and 75 mm long bolt	each	20.00	2233.74	44674.72
	Steel primer5 x 2 x 2.40 x 0.05 x 4 = 4.80 sqm				
13.50.3	Rate as per Item Number 13.50.3 of SH: Finishing	sqm	4.80	27.50	132.00 **A**
	LABOUR:				
0116	Fitter (grade 1)	day	0.40	348.00	139.20
0103	Blacksmith 2nd class	day	0.53	305.00	161.65
0114	Beldar	day	1.23	254.00	312.42
0100	Bandhani	day	0.06	270.00	16.20
9999	Sundries	L.S.	33.56	1.80	60.41
	TOTAL				47891.67
	Add Water Charges @ 1% except on A i.e on (47891.6691693617 - 132)=				477.60
	TOTAL				48369.27
	Add GST 12% on "X" except A(multiplying factor 0.1405)				6777.34
	Total				55146.60 (Y)
	Add CPOH @ 15% except on A i.e on (55146.6017145336 - 132)=				8252.19
	Cost of 58.35 kg				63398.79
	Cost of 1 kg				1086.53
	labour cess @1%				10.87
	Rate including labour cess				1097.39
		Say Rs.	**1097.40**	**per kg**	
9.155	**Providing and fixing panelling or paneling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel grooves or rebated to be measured). Panelling for panelled and glazed shutters 25mm to 40mminserts excluding portion inside thick:Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587**				

Code No	Description	Unit	Quantity	Rate	Amount
	Details of cost for 0.66 sqm Detail of cost for a door with 2/3rd paneling. 200 x 108 cm = 2.16 sqm Pannel area 4x45.1x36.55cm =0.66 sqm MATERIAL: Both side laminated 12mm thick MDF Board 4x47.2x38.65 cm = 0.73 sqm Adding 10% wastage= 0.07 sqm Total= 0.80 sqm				
2484	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	0.80	428.13	342.51
9999	Sundries (Carriage of MDF board)	L.S.	1.82	1.80	3.28
	LABOUR:				
0111	Carpenter 1 st class	day	0.57	342.00	194.94
9999	Sundries	L.S.	4.42	1.80	7.96
	TOTAL				548.68
	Add Water Charges @ 1%				5.49
	TOTAL				554.16
	Add GST 12% on "X" (multiplying factor 0.1405)				77.86
	Total				632.03 (Y)
	Add CPOH @ 15%				94.80
	Cost of 0.66 sqm				726.83
	Cost of 1 sqm				1101.26
	labour cess @1%				11.01
	Rate including labour cess				1112.27
		Say Rs.	**1112.30**	**per sqm**	
9.156	**Providing and fixing Pre -laminated medium density fibre board exterior grade (Grade-I) IS:14587:1998 marked, to frame, backing or studding with screws etc. complete (Frames, backing or studding to be paid separately).**				
9.156.1	**Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587**				
	Details of cost for 7.00 sqm Detail of cost for 350x200 cm = 7sqm MATERIAL: 12 mm thick both side laminated board = 7.00 sqm Add for wastage @5% = 0.35 sqm Total= 7.35 sqm				
2484	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	7.35	428.13	3146.78
9999	Sundries (Carriage of MDF board)	L.S.	13.52	1.80	24.34
9999	Sundries and screws	L.S.	26.91	1.80	48.44
	LABOUR:				
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.00	254.00	254.00
	TOTAL				3748.05
	Add Water Charges @ 1%				37.48
	TOTAL				3785.53
	Add GST 12% on "X" (multiplying factor 0.1405)				531.87
	Total				4317.40 (Y)

Code No	Description	Unit	Quantity	Rate	Amount
	Add CPOH @ 15%				647.61
	Cost of 7.00 sqm				4965.01
	Cost of 1 sqm				709.29
	labour cess @1%				7.09
	Rate including labour cess				716.38
		Say Rs.	**716.40**	**per sqm**	
9.156.2	**Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 18 mm thick confirming to IS:14587**				
	Details of cost for 7.00 sqm				
	Detail of cost for 350x200 cm = 7sqm				
	MATERIAL:				
	18 mm thick both side laminated board = 7.00 sqm				
	Add for wastage @5% = 0.35 sqm				
	Total= 7.35 sqm				
2485	Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	7.35	555.64	4083.97
9999	Sundries (Carriage of MDF board)	L.S.	19.76	1.80	35.57
9999	Sundries and screws	L.S.	26.91	1.80	48.44
	LABOUR:				
0112	Carpenter 2nd class	day	0.90	305.00	274.50
0114	Beldar	day	1.00	254.00	254.00
	TOTAL				4696.47
	Add Water Charges @ 1%				46.96
	TOTAL				4743.44
	Add GST 12% on "X" (multiplying factor 0.1405)				666.45
	Total				5409.89 (Y)
	Add CPOH @ 15%				811.48
	Cost of 7.00 sqm				6221.38
	Cost of 1 sqm				888.77
	labour cess @1%				8.89
	Rate including labour cess				897.66
		Say Rs.	**897.70**	**per sqm**	
9.157	**Providing and fixing Pre-laminated medium density fibre board IS: 14587:1998 marked, with one side decorative lamination other side balancing lamination Grade-I(exterior grade) in shelves with screws and fittings wherever required, edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand (fittings to be paid separately).**				
9.157.1	**Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick confirming to IS:14587**				
	Details of cost for 0.60 sqm				
	Detail of cost for 4 Nos. 75x20 cm shelves = 0.60 sqm				
	MATERIAL:				
	18 mm Thick MDF Board out side laminated = 0.60 sqm				

Code No	Description	Unit	Quantity	Rate	Amount
	Add wastage @ 5% = 0.03 sqm Total= 0.63 sqm				
2488	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	0.63	521.21	328.36
	PVC edge bending tape 2.00 mm thick 4X0.75 =3.00 metre				
2489	PVC edge bending tape 2.00 mm thick	metre	3.00	27.92	83.77
9999	Sundries (Carriage of MDF board)	L.S.	0.91	1.80	1.64
	LABOUR:				
0112	Carpenter 2nd class	day	0.11	305.00	33.55
0114	Beldar	day	0.06	254.00	15.24
9999	Sundries and screws	L.S.	7.80	1.80	14.04
	TOTAL				476.59
	Add Water Charges @ 1%				4.77
	TOTAL				481.36
	Add GST 12% on "X" (multiplying factor 0.1405)				67.63
	Total				548.99 (Y)
	Add CPOH @ 15%				82.35
	Cost of 0.60 sqm				631.34
	Cost of 1 sqm				1052.23
	labour cess @1%				10.52
	Rate including labour cess				1062.75
		Say Rs.	**1062.80**	**per sqm**	
9.157.2	**Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to IS:14587**				
	Details of cost for 0.60 sqm Detail of cost for 4 Nos. 75x20 cm shelves = 0.60 sqm MATERIAL: 25 mm Thick MDF Board outside laminated = 0.60 sqm Add wastage @ 5% = 0.03 sqm Total= 0.63 sqm				
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to IS:14587	sqm	0.63	800.42	504.27
	PVC edge bending tape 2.00 mm thick 4X0.75 =3.00 metre				
2489	PVC edge bending tape 2.00 mm thick	metre	3.00	27.92	83.77
9999	Sundries (Carriage of MDF board)	L.S.	1.82	1.80	3.28
	LABOUR:				
0112	Carpenter 2nd class	day	0.11	305.00	33.55
0114	Beldar	day	0.06	254.00	15.24
9999	Sundries and screws	L.S.	7.80	1.80	14.04
	TOTAL				654.14
	Add Water Charges @ 1%				6.54
	TOTAL				660.68
	Add GST 12% on "X" (multiplying factor 0.1405)				92.83
	Total				753.50 (Y)
	Add CPOH @ 15%				113.03
	Cost of 0.60 sqm				866.53

Code No	Description	Unit	Quantity	Rate	Amount
	Cost of 1 sqm				1444.22
	labour cess @1%				14.44
	Rate including labour cess				1458.66
		Say Rs.	**1458.70**	**per sqm**	
9.158	**Providing and fixing in wall lining medium density fibre board IS: 14587:1998 marked, Pre-laminated one side decorative lamination and other side balancing lamination, with necessary fixing arrangement and screws etc. complete.**				
9.158.1	**12 mm thick.**				
	Details of cost for 10.00 sqm				
	Detail of cost for 10 sqm				
	MATERIAL:				
	12 mm thick MDF Board Grade-I ,one side laminated = 10.00 sqm				
	Add wastage @10 %=1.00 sqm				
	Total=11.00 sqm				
2487	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 12 mm thick confirming to IS:14587	sqm	11.00	400.21	4402.32
9999	Sundries (Carriage of MDF board)	L.S.	13.52	1.80	24.34
9999	Sundries and screws	L.S.	26.91	1.80	48.44
	LABOUR:				
0112	Carpenter 2nd class	day	1.28	305.00	390.40
0114	Beldar	day	1.43	254.00	363.22
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	9.31	511.90
	TOTAL				5740.61
	Add Water Charges @ 1%				57.41
	TOTAL				5798.02
	Add GST 12% on "X" (multiplying factor 0.1405)				814.62
	Total				6612.64 (Y)
	Add CPOH @ 15%				991.90
	Cost of 10.00 sqm				7604.54
	Cost of 1 sqm				760.45
	labour cess @1%				7.60
	Rate including labour cess				768.06
		Say Rs.	**768.10**	**per sqm**	
9.158.2	**18 mm thick.**				
	Details of cost for 10.00 sqm				
	Detail of cost for 10 sqm				
	MATERIAL:				
	18 mm thick MDF Board Grade-I , one side laminated = 10.00 sqm				
	Add wastage @10 % = 1.00 sqm				
	Total= 11.00 sqm				
2488	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	11.00	521.21	5733.26
9999	Sundries (Carriage of MDF board)	L.S.	13.52	1.80	24.34
9999	Sundries and screws	L.S.	26.91	1.80	48.44
	LABOUR:				
0112	Carpenter 2nd class	day	1.28	305.00	390.40
0114	Beldar	day	1.43	254.00	363.22
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	9.31	511.90

Code No	Description	Unit	Quantity	Rate	Amount
	TOTAL				7071.55
	Add Water Charges @ 1%				70.72
	TOTAL				7142.26
	Add GST 12% on "X" (multiplying factor 0.1405)				1003.49
	Total				8145.75 (Y)
	Add CPOH @ 15%				1221.86
	Cost of 10.00 sqm				9367.61
	Cost of 1 sqm				936.76
	labour cess @1%				9.37
	Rate including labour cess				946.13
		Say Rs.	**946.10**	**per sqm**	
9.158.3	**25 mm thick.**				
	Details of cost for 10.00 sqm				
	Detail of cost for 10 sqm				
	MATERIAL:				
	25 mm thick MDF Board Grade-I ,one side laminated = 10.00 sqm				
	Add wastage @10 % = 1.00 sqm				
	Total= 11.00 sqm				
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to IS:14587	sqm	11.00	800.42	8804.64
9999	Sundries (Carriage of MDF board)	L.S.	13.52	1.80	24.34
9999	Sundries and screws	L.S.	26.91	1.80	48.44
	LABOUR:				
0112	Carpenter 2nd class	day	1.28	305.00	390.40
0114	Beldar	day	1.43	254.00	363.22
7048	Rawl plug 50 mm (designation 10 nos)	each	55.00	9.31	511.90
	TOTAL				10142.94
	Add Water Charges @ 1%				101.43
	TOTAL				10244.36
	Add GST 12% on "X" (multiplying factor 0.1405)				1439.33
	Total				11683.70 (Y)
	Add CPOH @ 15%				1752.55
	Cost of 10.00 sqm				13436.25
	Cost of 1 sqm				1343.63
	labour cess @1%				13.44
	Rate including labour cess				1357.06
		Say Rs.	**1357.10**	**per sqm**	
9.159	**Providing and fixing 25mm thick pre-laminated medium density fibre board exterior grade (Grade-I) IS:14587:1998 marked one side decorative and other side balancing lamination for cupboard shutters edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand including ISI marked nickeled plated bright finishing M.S. piano hinges IS:3818 marked with necessary screwed complete.**				
	Details of cost for 2.20 sqm				
	Detail of Cost for 2.20 sqm (2.20 m x 1.00 m)				
	MATERIAL:				
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to				

Code No	Description	Unit	Quantity	Rate	Amount
	IS:14587	sqm	2.20	800.42	1760.93
9999	Sundries(Carriage of MDF board)	L.S.	26.94	1.80	48.49
	PVC edge bending tape 2.00 mm thick 2x(2.20+1.00) = 6.40 metre				
2489	PVC edge bending tape 2.00 mm thick	metre	6.40	27.92	178.70
	Fitting for a door of 2.20 m x1.00 mTotal = 2(2.20) = 4.40 metre				
0608	Nickel plated bright finished mild steel piano hinges 1 mm thick 25 mm wide	metre	4.40	37.23	163.81
0639	Bright finished or black enameled mild steel screws 25 mm	100 Nos	125.00	34.44	43.05
	LABOUR: For fixing shutter and fittings				
0156	Carpenter (average)	day	0.55	305.00	167.75
0114	Beldar	day	0.55	254.00	139.70
	TOTAL				2502.42
	Add Water Charges @ 1%				25.02
	TOTAL				2527.45
	Add GST 12% on "X" (multiplying factor 0.1405)				355.11
	Total				2882.55 (Y)
	Add CPOH @ 15%				432.38
	Cost of 2.20 sqm				3314.94
	Cost of 1 sqm				1506.79
	labour cess @1%				15.07
	Rate including labour cess				1521.86
		Say Rs.	**1521.90**	**per sqm**	
9.160	**Providing and fixing skirting with Pre-laminated medium density fibre board exterior grade (Grade-I) IS: 14587:1998 marked, (one side decorative and other side balancing lamination) with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand complete.**				
9.160.1	**18 mm thick.** Details of cost for 6.00 sqm Detail of cost for skirting 200 mm wide & 30 m long Area 0.20 mx30 m = 6.0 sqm MATERIAL: Area 0.20 m x30 m = 6.0 sqm Add wastage @ 10 % =0.60 sqm Total = 6.60 sqm				
2488	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 18 mm thick confirming to IS:14587	sqm	6.60	521.21	3439.95
9999	Sundries (Carriage of MDF board)	L.S.	8.11	1.80	14 .60
2489	PVC edge bending tape 2.00 mm thick	metre	30.00	27.92	837.65
7048	Rawl plug 50 mm (designation 10 nos)	each	102.00	9.31	949.34
9999	Sundries(Labour for drilling hole)	L.S.	130.00	1.80	234.00
	LABOUR:				
0112	Carpenter 2nd class	day	0.77	305.00	234.85
0114	Beldar	day	0.86	254.00	218.44

Code No	Description	Unit	Quantity	Rate	Amount
9999	Sundries (screws and sand paper)	L.S.	53.82	1.80	96.88
	TOTAL				6025.71
	Add Water Charges @ 1%				60.26
	TOTAL				6085.96
	Add GST 12% on "X" (multiplying factor 0.1405)				855.08
	Total				6941.04 (Y)
	Add CPOH @ 15%				1041.16
	Cost of 6.00 sqm				7982.20
	Cost of 1 sqm				1330.37
	labour cess @1%				13.30
	Rate including labour cess				1343.67
		Say Rs.	**1343.70**	**per sqm**	
9.160	**Providing and fixing skirting with Pre-laminated medium density fibre board exterior grade (Grade-I) IS: 14587:1998 marked, (one side decorative and other side balancing lamination) with necessary fixing arrangements and screws, including drilling necessary holes for rawl plugs etc. and edges to be sealed with PVC edge bending tape 2.00 mm thick of approved brand complete.**				
9.160.2	**25 mm thick.**				
	Details of cost for 6.00 sqm				
	Detail of cost for skirting 200 mm wide & 30 m long				
	Area 0.20 mx30 m = 6.0 sqm				
	MATERIAL:				
	Area 0.20 m x30 m = 6.0 sqm				
	Add wastage @ 10 % = 0.60 sqm				
	Total = 6.60 sqm				
2486	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade - I MDF Board 25 mm thick confirming to IS:14587	sqm	6.60	800.42	5282.79
9999	Sundries (Carriage of MDF board)	L.S.	8.11	1.80	14 .60
2489	PVC edge bending tape 2.00 mm thick	metre	30.00	27.92	837.65
7048	Rawl plug 50 mm (designation 10 nos)	each	102.00	9.31	949.34
9999	Sundries(Labour for drilling hole)	L.S.	130.00	1.80	234.00
	LABOUR:				
0112	Carpenter 2nd class	day	0.77	305.00	234.85
0114	Beldar	day	0.86	254.00	218.44
9999	Sundries(Screws and sand papers)	L.S.	53.82	1.80	96.88
	TOTAL				7868.54
	Add Water Charges @ 1%				78.69
	TOTAL				7947.22
	Add GST 12% on "X" (multiplying factor 0.1405)				1116.59
	Total				9063.81 (Y)
	Add CPOH @ 15%				1359.57
	Cost of 6.00 sqm				10423.38
	Cost of 1 sqm				1737.23
	labour cess @1%				17.37
	Rate including labour cess				1754.60
		Say Rs.	**1754.60**	**per sqm**	

Code No	Description	Unit	Quantity	Rate	Amount
9.161	**Providing and fixing fire resistant door frame of section 50 x 60 mm on horizontal side & 35 x 60 mm on vertical sides having built in rebate made out of 1.6 mm thick Gl sheet (Zinc coating not less than 120gm/m²) suitable for mounting 120 min Fire Rated Glazed Door Shutters. The frame shall be filled with Mineral wool Insulation having density min 96Kg/m³ . The frame will have a provision of G.I. Anchor fastners 14 nos (5 each on vertical style & 4 on horizontal style of size M10 x 80) suitable for fixing in the opening along with Factory made Template for SS Ball Bearing Hinges of Size 100x89x3mm for fixing of fire rated glazed shutter . The frame shall be finished with a approved fire resistant primer or Powder coating of not less than 30 micron in desired shade as per the directions of Engineer - in-charge . (Cost of SS ball bearing hinges is excluded).**				
	Details of cost for 5.81 metre (Door size- 1710 x 2050 mm)				
	MATERIAL:				
8017	Fire Rated door Frame made with1.6 mm thick G.I. Sheet (120 minutes)	metre	5.81	884.19	5137.13
	LABOUR:				
9999	For fixing in position all complete	L.S.	130.00	1.80	234.00
9999	Sundries and carriage (Fasteners, sims,Hole Plugs etc)	L.S.	250.00	1.80	450.00
	Total				5821.13
	Add water charges @ 1%				58.21
	Total				5879.34
	Add GST 12% on "X" (multiplying factor 0.1405)				826.05
	Total				6705.39 (Y)
	Add CPOH @ 15%				1005.81
	Cost of 5.81 metre				7711.19
	Cost of 1 metre				1327.23
	labour cess @1%				13.27
	Rate including labour cess				1340.50
		Say Rs.	**1340.50**	**per metre**	
9.162	**Providing and fixing 60 mm thick glazed fire resistant door shutters of 120 min Fire Rating confirming to IS:3614 (Part II) or EN1634-1:1999, tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, top rail & side rail 60 mm x 60 mm wide and bottom rail of 110 mm x 60 mm made out of 1.6mm thick G.I. sheet (zinc coating not less than 120gm/m²) duly filled mineral wool insulation having density min 96 kg/m³ and fixing with necessary stainless steel ball bearing hinges of size 100x89x3mm of approved make, including applying a coat of approved fire resistant primer or powder coating not less than 30 micron etc all complete as per direction of Engineer-in-charge (panelling to be paid for seperately).**				
	Details of cost for 3.50 sqm (Door size- 1710 x 2050 mm) material				
	MATERIAL:				
8018	Fire Rated door shutter made with 1.6 mm thick Sheet (120 minutes), including hinges but without glass panels but including wastages	sqm	3.50	4653.62	16287.66
8101	Stainless steel ball bearing hinges of size 100x89x3mm	each	8.00	279.22	2233.74
	LABOUR:				

Code No	Description	Unit	Quantity	Rate	Amount
9999	For fixing in position all complete	L.S.	130.00	1.80	234.00
9999	Sundries and carriage	L.S.	280.00	1.80	504.00
	Total				19259.40
	Add water charges @ 1%				192.59
	Total				19451.99
	Add GST 12% on "X" (multiplying factor 0.1405)				2733.00
	Total				22184.99 (Y)
	Add CPOH @ 15%				3327.75
	Cost of 3.5 sqm				25512.74
	Cost of 1 sqm				7289.36
	labour cess @1%				72.89
	Rate including labour cess				7362.25
		Say Rs.	**7362.20**	**per sqm**	

9.163 **Providing and fixing non load bearing fixed frame for fire resistant glazed Partition for 120 min Fire Rating, made out to a profile of dimension 60mm x 70 mm of 1.6 mm thick galvanised steel sheet as per test evidence suitable for fixing fire rated glass for 120 min of both integrity & radiation control (EW120) & minimum 15 min of insulation (EI15).The profile has to be fixed to the supporting construction by means of anchor fasteners of size M10 x 80, every 150 mm from the edges and every 500 mm (approx) c/c. Linear meaurement of frame shall be measured for payment. The frame shall be filled with mineral wool insulation of density min 96kg/m³. and finished with a approved fire resistant primer or Powder coating of not less than 30 micron in desired shade as per the directions of Engineer - in-charge.**

	Details of cost for 5.81 metre (Door size-1710 x 2050 mm)				
	MATERIAL:				
8017	Fire Rated door Frame made with 1.6 mm thick G.I. Sheet (120 minutes)	metre	5.81	884.19	5137.13
	LABOUR:				
9999	For fixing in position all complete	L.S.	130.00	1.80	234.00
9999	Sundries and carriage (Fasteners, sims, Hole Plugs etc)	L.S.	250.00	1.80	450.00
	Total				5821.13
	Add water charges @ 1%				58.21
	Total				5879.34
	Add GST 12% on "X" (multiplying factor 0.1405)				826.05
	Total				6705.39 (Y)
	Add CPOH @ 15%				1005.81
	Cost of 5.81 mtere				7711.19
	Cost of 1 metre				1327.23
	labour cess @1%				13.27
	Rate including labour cess				1340.50
		Say Rs.	**1340.50**	**per metre**	

Code No	Description	Unit	Quantity	Rate	Amount
9.164	**Providing and fixing glazing in fire resistant door shutters, fixed panels & partitions etc., with G.I. beading made out of 1.6 mm thick G.I. sheet (zinc coating not less than 120 gm/m²) of size 20 x 33 mm screwed with M4 x 38 mm SS screws at distance 75 mm from the edges and 150 mm c/c , including applying a coat of approved fire resistant primer/powder coating of not less than 30 micron on G.I. beading, & special ceramic tape of 5 x 20 mm size etc complete in all respect as per direction of Engineer-in- charge. The glass shall be clear, toughened, interlayered, non-wired fire resistant having 11 mm thickness of approved brand with 120 minutes of fire resistance both integrity & radiation control (EW120) and minimum 15 min of insulation (EI15) and having a sound reduction of ?37dB and LT of 86%. Glass shall be compliant to class 2(B)2 category of Impact Resistance as per EN 12600. The glass should be manufactured in UL & TUV audited Facility and including UL-EU Certification.The maximum glazing size cannot be more than 1100 mm x 2200 mm (w x h) or 2.42 sq mts in total area. The test report for the complete system (Glazed Door or Partition) will be considered valid only if it contains the stamp and signature of the authorized signatory from the glass manufacturer. (Actual glass size is to be measured at site for payments).**				
	Details of cost for 3.50qm (Door size 1710 mm x 2050 mm) Glazing area- 2x0.679x1.808= 2.46 sqm				
	MATERIAL:				
2640	Clear, toughened, interlayered, non-wiredfire resi stant (120 minutes) glass panes11 mm thick	sqm	2.46	23268.09	57239.49
2641	G.I. U beading of 1.6 mm thick G.I. Sheet with M4x38mm SS screws	metre	9.91	223.37	2213.63
2642	Ceramic tape 5x20 mm size	metre	19.82	372.29	7378.78
	LABOUR:				
9999	For fixing in position all complete	L.S.	180.00	1.80	324.00
9999	Sundries and carriage & Calcium Silicate Blocks	L.S.	10.00	1.80	18.00
	Total				67173.90
	Add water charges @ 1%				671.74
	Total				67845.64
	Add GST 12% on "X" (multiplying factor 0.1405)				9532.31
	Total				77377.95 (Y)
	Add CPOH @ 15%				11606.69
	Cost of 2.46 sqm				88984.64
	Cost of 1 sqm				36172.62
	labour cess @1%				361.73
	Rate including labour cess				36534.34
		Say Rs.	**36534.30**	**per sqm**	
9.165	**Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete.**				
9.165.1	**125 mm**				
	Details of cost for ten nos (125 mm) MATERIAL				
	Stainless steel fancy handles (125mm)for kitchen cabinet	10 Nos	1.00	700.00	700.00

Code No	Description	Unit	Quantity	Rate	Amount
8214	SS screws 20mm	100 Nos.	0.40	83.77	33.51
9999	Carriage of material	LS	1.82	1.80	3.28
	LABOUR				
111	Carpenter 1st class	day	0.06	342.00	20.52
	TOTAL				757.30
	Add Water Charges @ 1%				7.57
	TOTAL				764.88
	Add GST 12% on "X" (multiplying factor 0.1405)				107.46
	Total				872.34 (Y)
	Add CPOH @ 15%				130.85
	Cost for 10nos				1003.19
	Cost for1 no				100.32
	labour cess @1%				1.00
	Rate including labour cess				101.32
		Say Rs.	**101.30**	Each	
9.165.2	**100mm**				
	Details of cost for ten nos (100 mm)				
	MATERIAL				
	Stainless steel fancy handles (100mm) for kitchen cabinet	10 Nos	1.00	500.00	500.00
8214	SS screws 20mm	100 Nos.	0.40	83.77	33.51
9999	Carriage of material	L.S.	1.82	1.80	3.28
	LABOUR				
111	Carpenter 1st class	day	0.06	342.00	20.52
	TOTAL				557.30
	Add Water Charges @ 1%				5.57
	TOTAL				562.88
	Add GST 12% on "X" (multiplying factor 0.1405)				79.08
	Total				641.96 (Y)
	Add CPOH @ 15%				96.29
	Cost for 10nos				738.25
	Cost for1 no				73.83
	labour cess @1%				0.74
	Rate including labour cess				74.56
		Say Rs.	**74.60**	Each	
9.165.3	**75 mm**				
	Details of cost for ten nos (75 mm)				
	MATERIAL				
	Stainless steel fancy handles (75mm) for kitchen cabinet	10 Nos	1.00	300.00	300.00
8214	SS screws 20mm	100 Nos.	0.40	83.77	33.51
9999	Carriage of material	LS	1.82	1.80	3.28
	LABOUR				
111	Carpenter 1st class	day	0.06	342.00	20.52
	TOTAL				357.30
	Add Water Charges @ 1%				3.57
	TOTAL				360.88
	Add GST 12% on "X" (multiplying factor 0.1405)				50.70
	Total				411.58 (Y)
	Add CPOH @ 15%				61.74
	Cost for 10nos				473.31
	Cost for1 no				47.33
	labour cess @1%				0.47
	Rate including labour cess				47.80
		Say Rs.	**47.80**	Each	

SUB HEAD : 10.0
STEEL WORK

10.0 Steel Work

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
10.1	**Structural steel work in single section fixed without connecting plate including cutting.hoisting.fixing in position and applying a priming coat of approved steel primer all complete.**						
	In tees, R.S.joists. angles, flats and channels Details of cost for one quintal						
	Materials:						
	Steel=1.00q						
	Add wastage@5%=0.05q						
	= 1.05q	quintal	1.050	4128.08	(1007(A+ B+C)/3	4334.48	
	Carriage	tonne	0.105	96.07	(2205)	10.09	
	Labour:						
	Fitter(Gradei)	per day	0.500	348.00	(0116)	174.00	
	Blacksmith 2nd class	per day	0.750	305.00	(0103)	228.75	
	Beldar	per day	1.000	254.00	(0114)	254.00	
	Priming coat	sqm	3.000	27.25	(13.81.3)	81.75	(A)
	(Rate vide item no. 13.81.3 finishing)						
	Sundries	LS	20.670	1.80	(9999)	37.21	
						5120.28	
	Add for water charges @ 1% on all except 'A'					50.39	
						5170.66	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					714.99	
	Total					5885.65	(Y)
	Add for contractor's profit and overheads @ 15% on"Y" all except 'A'					870.59	
	Cost of 100 kg					6756.24	
	Cost of 1 kg					67.56	
	Add labour cess @ 1%					0.68	
	Rate including labour cess					68.24	
			Say	**Rs.68.20**	**per kg**		
10.3	**Structural steel work riveted or bolted in built up sections, trusess and framed work, including cutting.hoisting.fixing in position and applying a priming coat of approved ateel primer all complete. In tees, R.S.joists, angles, flats and channels**						
	Take a truss 7.6 m cleai span.(Weight= 3.95 quintal)						
	Materials:						
	(i) principal rafter (T-iron)						
	100x100x10 mm @ 15 kg/m.= 142.50 kg						
	struts (angles) 40x40x6 mm						
	2x1.35=2.70 m @ 3.5 kg/m=9.45 kg						
	= 151.95 kg						
	Add wastage @ 5% = 7.60 kg						
	159.55 kg = 1.60 q	quintal	1.600	4128.08	(1007A)	6604.93	
	(ii) Ties (flats) 50x12 mm						
	2x2.27=5.4 m @ 4.7 kg =25.38 kg						
	Ties central (flats) 50x10 mm						
	1x2.28=2.8 mm @ 3.90 kg/m =10.92 kg						
	Braces (flats) 40x10 mm						
	2x1.84=3.68 m @ 3.9 kg/m =14.35 kg						
	= 50.65 kg						
	Add wastage @ 5% =2.53 kg						
	= 53.18 kg =0.53q	quintal	0.530	3513.48	(1009)	1862.14	
	(iii)Gusset plates 10 mm thick						
	1x0.74x 0.35 m =0.259 sqm						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	shoe 4x0.46x0.46 =0.845 sqm					
	= 1.104 sqm					
	1.104 sqm @ 78.4 kg/m = 86.55 kq					
	12 mm plates at the point of					
	principal rafter and strut-					
	2x0.3x0.2 =0.12 sqm					
	Tie beam brace and strut-					
	2x0.3x0.2 =0.12 sqm					
	Tie beam brace and strut-					
	2x0.5x0.3 =0.30 qsm					
	sole plates -					
	2x0.46x0.46 =0.42 sqm					
	anchor plate-					
	2x0.46x0.1 =0.09 sqm					
	=0.93 sqm					
	say 1.00 sqm					
	1.0 sqm @ 94.4 kg/m =94.40 kg					
	= 180.95 kg					
	Add wastage @ 5% =9.05 kg					
	= 190.00 kg or 1.90 q	quintal	1.900	3629.82	(1010)	6896.66
	(iv)16 mm dia 50 mm long rivets =56 nos.					
	Add wastage © 5% =2.8 nos					
	=58.8 nos.					
	say 59 nos @ 1.16 kg per 10 rivets					
	5.9x1.16=6.84 kg=0.0684 q	quintal	0.068	4188.26	(1020)	286.48
	20mm dia. Holding down bolts					
	Nos x 460 mm =1840 mm					
	Add wastage @5% = 92 mm					
	=1932 mm					
	33 mm @ 2.74 kg/m = 5.29 kg= 0.0529 q					
		quintal	0.053	5118.98	(1221)	270.79
	carriage	tonne	0.415	94.80	(2205)	39.34
	Labour					
	Fitter Grade I	per day	2.700	348.00	(0116)	939.60
	Blacksmith 2nd Class	per day	3.600	305.00	(0103)	1098.00
	Beldar Special	per day	5.400	305.00	(0139)	1647.00
	Beldar	per day	3.600	254.00	(0114)	914.40
	Bandhani	per day	0.440	270.00	(0100)	118.80
	Cost as per item 13.81.3 S.H. finishing priming coat	sqm	5.680	27.25	(13.81.3)	154.78 (A)
	sundries	LS	80.730	1.80	(9999)	145.31
	Total					20978.24
	Add for water charges @ 1% on all except 'A'					123.56
	Total					21101.80 (X)
	Add GST 12% on "X" except A(multiplying factor 0.1405)					2943.06
	Total					24044.86 (Y)
	Add for contractor's profit and overheads @15% on "Y" on except 'A'					3583.51
	Total					27628.37
	Cost of 395 kg					27628.37
	Cost of 1 kg					69.95
	Add labour cess @ 1%					0.70
	Rate including labour cess					70.65
			Say	**Rs.70.60**	**per kg**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
10.5	**Providing and fixing in position collapsible steel shutters with vertical channes 20x10x2 mm and braced with fiat iron diagonals 20x5 mm size with top and bottom rail of T-iron. 40x40x6 mm with 40 mm dia steel pulleys complete with bots.nuts locking arrangement stoppers handles induding applying a priming coat of approved steel primer . Details of cost for a gate**					
	2.4 m x 1.5 m =3.6 sqm					
	Materials:					
	M.S. channels 18 Nos on both					
	20x20x2 mm "@ 0.58 kg/m					
	2x18x2.1 = 85.40 m					
	Add wastage @ 10 % = 8.04M					
	= 95.04M					
	M S m @ 0.56 kg m = 53.2 kg = 0.53 q	quintal	0.530	4128.08	(1007 A)	2187.88
	M S Tee - 40x40x5 mm					
	3.3 m @ 3.5 kg/m = 11.55 kg					
	-Add wastage @ 10 % = 1.155 kg					
	= 12.705 kg say 0.13 q	quintal	0.130	4128.08	(1007A)	536.65
	Flat iron diagonal	quintal	0.600	3420.41	(1008)	2052.25
	Carriage	tonne	0.125	94.80	(2205)	11.85
	Cost pof rivets, hooks, washers	LS	269.100	1.80	(9999)	484.38
	Cost of locking arrangement and handles	LS	67.340	1.80	(9999)	121.21
	Pullerys 40 mm dia	each	10.000	51.19	(4013)	511.90
	Priming coat					
	Channel 36x0.076x2.4 = 6.57					
	Tee 0.16x3.3 =0.53					
	Flats 0.05 x68 =3.40					
	= 10.50 sqm	sqm	10.500	27.25	(13.81.3)	286.12 (A)
	(Rate as per item 13.81.3 finishing)					
	Labour:					
	Fitters (Grade-I)	per day	3.000	348.00	(0116)	1044.00
	Blacksmith 1 st class	per day	6.000	342.00	(0102)	2052.00
	Blacksmith 2nd class	per day	6.000	305.00	(0103)	1830.00
	Mason 1st class	per day	0.500	342.00	(0123)	171.00
	Mason 2nd dass	per day	0.500	305.00	(0124)	152.50
	Belders	per day	8.000	254.00	(0114)	2032.00
	Sundries	LS	161.460	1.80	(9999)	290.63
	Total					13764.37
	Add for water charges @ 1 % on all except A					134.78
	Total					13899.15 (X)
	Add GST 12% on "X" except A(multiplying factor 0.1405)					1912.63
	Total					15811.78 (Y)
	Add for contractor's profit and overheads @ 15% on all except 'A'					2328.85
	Cost of 3.6 sqm					18140.63
	Cost of 1 sqm					5039.06
	Add labour cess @ 1%					50.39
	Rate including labour cess					5089.45
			Say	**Rs. 5089.50**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
10.6	**Providing and fixing 1 mm thick M.S.sheet sliding shutters with frame and diagonal braces of 40x40x6 mm angle iron,3 mm M.S. gusset plates at the junction and comers, 25 mm dia pulley, . 40x40x6 mm angle and T-iron guide at the top bottem respectively including applying a priming coat of approved steel primer.**					
	Details of cost for one double leaf door size.					
	2.4x2.4m = 5.76 sqm					
	Materials:					
	(i) M.S. Sheet 1 mm thick					
	5.76 sqm @ 7.85 kg/sqm = 45.216 kg					
	=4.522 kg					
	= 49.738 kg = 0.497 q	quintal	0.497	3513.48	(1013)	1746.20
	(ii) Gusset plates 3.00 mm thick					
	Area of 1 gusset plates					
	0.3x0.04 =0.0120					
	1/2x0.26 (0.04+0.3) =0 0442 sam					
	=0.0562 sqm					
	8x0.0562 =0.4496 sqm					
	2x22/7x1/4x0.3x0.3 =0.1414 sqm					
	=0.5910 sqm					
	0,5910 sqm @ 23.55 kg/sqm =13.92 kg					
	Add wastage @ 10% = 1.39 kg					
	= 15.31 kg or.153	quintal	0.153	3629.82	(1010)	555.36
	(iii) Angle iron					
	40x40x6 mm @ 3.5 kg/m					
	sides-4x2.4 =9.6 m					
	Bottem &.top 4x1.2 =4.8 m					
	Diagonals 2x2.5 =5.0 m					
	2x2.45 =4.9 m					
	Top guide supports					
	7x0.3 =2.1 m					
	=36.0 m					
	36 m @ 3.5 kg. per m. = 126 kg					
	Add wastage @ 10% = 12.6 kg					
	=138.6 kg	quintal	1.300	4128.08	(1007A)	5366.50
	Channel 25x25x6 mm @ 3.05 kg/m					
	Bottem - 2.4 m : 2.4x3.05 =7.32					
	Channel 40x40x6 mm @0.56 kg/m					
	0.5x5.56 =2.78 kg					
	=1.01 kg					
	Add wastage @ 10% =1.01 kg					
	= 11.11 kg or 0.11	quintal	0.110	4128.08	(1007A)	454.09
	Cariiage-					
	(0.0497+0.015+0.139+0.11 = 0.2157 tonne)	tonne	0.216	94.80	(2205)	20.48
	(iv) pully guide blocks including drilling holes	LS	269.100	1.80	(9999)	484.38
	(v) 25 mm dia pully	each	8.000	51.19	(0969)	409.52
	(vi) Handles and locking arragements	LS	167.750	1.80	(9999)	301.95
	(vii) Bolts and rivets	LS	269.100	1.80	(9999)	484.38
	(viii) cement concrete	LS	13.520	1.80	(9999)	24.34
	Priming coat-					
	M.S. Sheet 2x5.76 =11.52					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Angle iron 0.16x36 =5.76 Channel-0.15x2.4 =0.36 0.24x0.5 =0.12 = 17.76 say 18.0 sqm (Rate as per item 13.81-3 of S.H finished)	sqm	18.000	27.25	(13.81.3)	490.49 (A)
	Labour:					
	Fitters (Grade-I)	per day	2.000	348.00	(0116)	696.00
	Biackmith 1st class	per day	3.000	342.00	(0102)	1026.00
	Blackmith 2nd class	per day	4.000	305.00	(0103)	1220.00
	Belders	per day	4.000	254.00	(0114)	1016.00
	Mason 1st class	per day	0.060	342.00	(0123)	20.52
	Mason 2nd class	per day	0.060	305.00	(0124)	18.30
	Sudries	LS	161.460	1.80	(9999)	290.63
	Total					14625.14
	Add for water charges @ 1 % on all except 'A'					141.35
	Total					14766.49 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					2005.78
	Total					16772.26 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					2442.27
	Cost of 5.76 sqm					19214.53
	Cost of 1 sqm					3335.86
	Add labour cess @ 1%					33.36
	Rate including labour cess					3369.22
			Say	**Rs. 3369.2**	**Per sqm**	
10.7	**Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3mm MS gusset plates at the junction and corners.all necessary fittings complete.including applying a priming coat of approved steel primer. Using M.S. angle 40x40x6 mm for diagonal braces**					
	Details of cost for a double leaf door of size					
	2.4m x 2.4m =5.76 sqrn (Drawing no. 41/2/M). **Materials:** (i)'M.S. sheet 1 mm thick - (Same as (I) in item no. 10.6 = 0.497 q) (ii) Gussete plates - 3.00 mm thick (Same as (ii) in item no. 10.6 = 0.153 q (iii) Angle iron : 40x40x6 mm @ 3.5 kg/m Sides 4x2.40 =9.6 m Top & bottem 4x1.20 =4.3 m 14.40 m Add wastage® 10% =1.44 m 15.84 m 15.84m@3.5 kg/m = 55.44kg=0.554q Diagonals 2x2.5 =5.0 m 2x2.45 =4.9 m =24.30 m Add wastage @ 10% =2.43 m =26.73 m	quintal quintal	0.497 0.153	3513.48 3513.48	(1013) (1013)	1746.20 537.56
	26.73 m @ 3.5 kg.per m= 93.56 kg =0.936q	quintal	0.936	4128.08	(1007A)	3863.88
	Carriage of (i).(ii) & (iii) (0.0497+0.0153+0.0936 tonne)	tonne	0.159	94.80	(2205)	15.04

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	(iv) pintles including wekded pin	each	4.000	34.44	(1036)	137.75
	M.S. Cleats with bolts and nuts to rest on pintles	each	4.000	111.69	(1222)	446.75
	Hooks	each	2.000	27.92	(1019)	55.84
	Locking arragements and handles	LS	167.700	1.80	(9999)	301.86
	Rivets Priming coat	LS	269.100	1.80	(9999)	484.38
	M.S. sheet =11.52 Angle iron 0.16x24.3 =3.89 =15.41	sqm	15.410	27.25	(13.81.3)	419.92 (A)
	(Rate as per item 13.81.3 finishing)					
	Labour:					
	Fitters (Grade-I)	per day	2.000	348.00	(0116)	696.00
	Blacksmith 1st class	per day	3.000	342.00	(0102)	1026.00
	Blacksmith 2nd class	per day	4.000	305.00	(0103)	1220.00
	Mason 1st class	per day	0.060	342.00	(0123)	20.52
	Mason 2nd class	per day	0.060	305.00	(0124)	18.30
	Beladar	per day	5.000	254.00	(0114)	1270.00
	sundries	LS	161.460	1.80	(9999)	290.63
	Total					12550.62
	Add for water charges @ 1 % on all except 'A'					125.51
	Total except A					12676.13 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1722.00
	Total					14398.13 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					2096.73
	Cost of 5.76 sqm					16494.86
	Cost of 1 sqm					2863.69
	Add labour cess @ 1%					28.64
	Rate including labour cess					2892.33
			Say	**Rs. 2892.30**	**Per sqm**	
10.7.1	**Using flats 30x6 mm for diagonal braces and central cross piece.**					
	Details of cost for a double leaf door size 2.4mx2.4m=5.76 sqm					
	Materials:					
	(i)M.S. sheet 1mm thick (same as (i) in item no. 10.6) = 0.497	quintal	0.497	3513.48	'(1013)	1746.20
	(ii) Gussets plates - 3.00 mm thick Vide (ii) in item. 10.6 = 0.5910 sqm at mid height = 4x0.0528 =0.2112 sqm = 0.8022 sqm Add wastage© 10% = 0.0802 sqm = 0.8824 sqm					
	0.8824 sqm @ 23.55 kg/sqm = 20.79 kg =0.208 q	quintal	0.208	3629.82	(1010)	754.28
	(iii) Angle iron 40x40x6 mm @ 3.5 kg/m Sides 4x2.40 =9.6 m Top & bottem 4x1.20 =4.8 m = 14.40 m Add wastage @ 10% =1.44 m 15.84 m					
	15.84 m @ 3.5 kg per m. = 55.44 kg = 0.554 q	quintal	0.554	4128.08	(1007A)	2286.96
	(iv) Flats 30x6mm @ 1.4 kg/m 4x2.45 =9.80 m 2x1.20 =2.40 m Add wastage @ 10% =1.22 m = 13.42 m					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	13.42 m@ 1.4 kg. perm. =18.788 kg =0.188 q	quintal	0.188	3420.41	(1008)	643.04
	Carriage of (i) , (ii) and (iv)					
	0.0497+0.0208+0.0554+0.0188=0.1447 tonne	tonne	0.145	94.80	(2205)	13.72
	Pintles including welded pin	each	4.000	34.44	(1036)	137.75
	M.S. Cleats with bolts and nuts to rest on pintles	each	4.000	111.69	(1222)	446.75
	Hooks	each	2.000	27.92	(1019)	55.84
	Locking arrangement and handles	LS	167.700	1.80	(9999)	301.86
	Rivets	LS	269.100	1.80	(9999)	484.38
	Applying priming coat					
	M.S. sheet =11.52					
	Angle iron -					
	0.16x14.40 =2.30					
	Rats 0.072x12.2 =0.88					
	= 14.70 sqm	sqm	14.700	27.25	(13.81.3)	400.57 (A)
	(Rate as per item 13.81.3 S.H.finishing)					
	Labour:					
	Fitters(Grade-l)	per day	2.000	348.00	(0116)	696.00
	Blacksmith 1 st class	per day	3.000	342.00	(0102)	1026.00
	Blacksmith 2nd class	per day	4.000	305.00	(0103)	1220.00
	Mason 1st class	per day	0.060	342.00	(0123)	20.52
	Mason 2nd class	per day	0.060	305.00	(0124)	18.30
	Belders	per day	5.000	254.00	(0114)	1270.00
	Sundries	LS	161.460	1.80	(9999)	290.63
	Total except A					11412.21
	Add for water charges @ 1 % on all except 'A'					114.12
	Total except A					11526.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1619.45
	Total					13145.79 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1971.87
	Cost of 5.76 sqm					15518.22
	Cost of 1 sqm					2694.14
	Add labour cess @ 1%					26.94
	Rate including labour cess					2721.08
			Say	**Rs. 2721.1**	**Per sqm**	
10.8	**Supplying and fixing-rolling shuters of approved make.made of required size of M.S.laths inter locked together through their intire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arragements for inside and outside locking with push and pull operation complete including the cost of prioviding and fixing necessary 27.5 cm long wire springs grade no. 2 and M.S. top cover of required thickness for rolling shutters.**					
10.8.1	**80x1.25mmM.S. Laths with 1.25mm thick top cover.**					
	Details of cost for a shutter of size					
	3m*2.5m = 7.5 sqm					
	Materials:					
	Cost of Rolling shutter	sqm	7.500	1228.55	(0973)	9214.16
	Top Cover	metre	2.500	824.62	(0974)	2061.55
	Coiled type spring	each	1.000	325.75	(0975)	325.75
	Carriage	1 time	53.820	1.80	(9999)	96.88
	Labour:					0.00
	Fitters (Grade-1)	per day	2.550	348.00	(0116)	887.40
	Beldar	per day	2.550	254.00	(0114)	647.70
	Mason 1st class	per day	0.120	342.00	(0123)	41.04
	Mason 2nd class	per day	0.120	305.00	(0124)	36.60

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Sundries	1 time	60.580	1.80	(9999)	109.04
	Total					13420.13
	Add for water charges @ 1 %					134.20
	Total					13554.33 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1904.38
	Total					15458.71 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					2318.81
	Cost of 7.5 sqm					17777.52
	Cost of 1 sqm					2370.34
	Add labour cess @ 1%					23.70
	Rate including labour cess					2394.04
			Say	**Rs. 2394.00**	**Per sqm**	
10.8.2	**80x1.20mm thick M.S. laths with 1.20 mm thick top cover.**					
	Details of cost for a shutter of size 3mx2.5m = 7.5 sqm					
	Materials:					
	Cost of Rolling shutter	sqm	7.500	1023.80	(7045)	7678.47
	Top Cover	metre	2.500	297.83	(7047)	744.58
	Coiled type spring	each	1.000	325.75	(0975)	325.75
	Carriage	LS	53.820	1.80	(9999)	96.88
	Labour:					0.00
	Fitters (Grade-1)	per day	2.550	348.00	(0116)	887.40
	Beldar	per day	2.550	254.00	(0114)	647.70
	Mason 1st class	per day	0.120	342.00	(0123)	41.04
	Mason 2nd class	per day	0.120	305.00	(0124)	36.60
	Sundries	LS	60.580	1.80	(9S99)	109.04
	Total					10567.46
	Add for water charges @ 1%					105.67
	Total					10673.13 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1499.58
	Total					12172.71 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1825.91
	Cost of 7.5 sqm					13998.62
	Cost of 1 sqm					1866.48
	Add labour cess @ 1%					18.66
	Rate including labour cess					1885.14
			Say	**Rs. 1885.10**	**Per sqm**	
10.8.3	**80x0.90 mm thick M.S. laths with 0.90 mm thick top cover.**					
	Details of cost for a shutter of size 3mx2.5m = 7.5 sqm					
	Materials:					
	Cost of Rolling shutter	sqm	7.500	930.72	(7044)	6980.43
	Top Cover	metre	2.500	279.22	(7046)	698.04
	Coiled type spring	each	1.000	325.75	(0975)	325.75
	Carriage	1 time	53.820	1.80	(9999)	96.88
	Labour:					0.00
	Fitters (Grade-1)	per day	2.550	348.00	(0116)	887.40
	Beldar '	per day	2.550	254.00	(0114)	647.70
	Mason 1 st class	per day	0.120	342.00	(0123)	41.04
	Mason 2nd class	per day	0.120	305.00	(0124)	36.60
	Sundries	1 time	60.580	1.80	(9999)	109.04
	Total					9822.88
	Add for water charges @ 1%					98.23
	Total					9921.11 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					1393.92
	Total					11315.03 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1697.25
	Cost of 7.5 sqm					13012.28
	Cost of 1 sqm					1734.97
	Add labour cess @ 1%					17.35
	Rate including labour cess					1752.32
			Say	**Rs. 1752.30**	**Per sqm**	
10.9	**Providing and fixing ball bearing for rolling shutters Details of cost for 1 No.**					
	Ball bearing	each	1.000	260.60	(0976)	260.60
	Sundries	LS	26.910	1.80	(9999)	48.44
	Total					309.04
	Add for water charges @ 1%					3.09
	Total					312.13 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					43.85
	Total					355.99 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					53.40
	Cost of 1 sqm					409.38
	Add labour cess @ 1%					4.09
	Rate including labour cess					413.47
			Say	**Rs. 413.50**	**Per sqm**	
10.10	**Extra for providing mechanical device chain and crank operation for operating rolling shutters;**					
10.10.1	**Exceeding 10.00 sqm and upto 16.80 sqm in area (say average 14 sqm)**					
	Details of cost for one sqm					
	Extra for mechanical devices chain and cranked operation for operating shutters (10 to 16.8 sqm)	sqm	1.000	558.43	(0977)	558.43
	Sundries	1 time	13.520	1.80	(9999)	24.34
	Total					582.77
	Add for water charges @ 1%					5.83
	Total					588.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					82.70
	Total					671.30 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					100.69
	Cost of 1 sqm					771.99
	Add labour cess @ 1%					7.72
	Rate including labour cess					779.71
			Say	**Rs. 779.70**	**Per sqm**	
10.10.2	**Exceeding 16.80 sqm in area**					
	Details of cost for one sqm					
	Extra for mechanical devices chain and cranked operation for rolling shutters (exceeding 16.8 sqm)	sqm	1.000	558.43	(0978)	558.43
	Sundries	1 time	13.520	1.80	(9999)	24.34
	Total					582.77
	Add for water charges @ 1%					5.83
	Total					588.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					82.70
	Total					671.30 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add for contractor's profit and overheads @ 15% on "Y"					100.69	
	Cost of 1 sqm					771.99	
	Add labour cess @ 1%					7.72	
	Rate including labour cess					779.71	
			Say	**Rs. 779.70**	**Per sqm**		
10.10A	**Extra for providing grilled rolling shutters manufactured out of 8 mm dia. M.S. bar instead of laths as per design approved by Engineer-in-charge (area of grill to be measured.)**						
	Details of cost for a shutter of width 2.5 m and grill height 0.6 m						
	Grill area = 1.50 sqm						
	Materials:						
	Extra for providing grilled rolling shutter manufartured						
	out of 8 mm dia M.S. bar instead of laths	sqm	1.500	251.30	(7068)	376.94	
	Total					376.94	
	Add for water charges @ 1%					3.77	
	Total					380.71	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					53.49	
	Total					434.20	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					65.13	
	Cost of 1.5 sqm					499.33	
	Cost of 1 sqm					**332.89**	
	Add labour cess @ 1%					3.33	
	Rate including labour cess					336.22	
			Say	**Rs. 336.20**	**Per sqm**		
10.11	**Fixing standard steel glazed doors, windows and ventilatrs in walls with 15x3 mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of 1.3:6(1 cement: 3 coarse sand : 6 gradded stone aggregate 20 mm nominal size) or with wooden plugs and screws or raw! plugs and screws or with fixing clips or with bolts and nuts as required , including fixing of glass panes with glazing clips and special metal-sash putty of approved make, or metal beading with screws(only steel windows with lugs, glass panes screws, shall be supplied by department free of cost)**						
	Detail of cost for one door 2x0.76 m = 1.52 sqm(wt.15.0Kg)						
	Materials:						
	Cement concrete biocks 15x10x10 cm = 0.009cum (Rate as per item No. 4.2.5 of S.H.C.C)	cum	0.009	4365.00	(4.2.5)	39.29	(A)
	Labour:						
	Blacksmith 1st class	per day	0.170	342.00	(0102)	58.14	
	Mason 1st class	per day	0.080	342.00	(0123)	27.36	
	Mason llnd class	per day	0.080	305.00	(0124)	24.40	
	Beldar	per day	0.500	254.00	(0114)	127.00	
	Glazier	per day	0.170	286.00	(0119)	48.62	
	Putty and sundries	1 time	67.280	1.80	(9999)	121.10	
	Total except A					406.62	
	Add for water charges @ 1 % on all except A					4.07	
	Total except A					410.69	(X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					57.70
	Total					468.39 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					70.26
	Cost of 15.0kg					577.94
	Cost of 1 kg					38.53
	Add labour cess @ 1%					0.39
	Rate including labour cess					38.92
			Say	**Rs. 38.90**	**Per kg**	
10.11.1	**Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately).**					
	Details of cost for one door 2x0.76m = 1.52sqm.(weight 15 kg).					
	LABOUR:					
	Blacksmith 1 st class	day	0.17	342.00	**102**	58.14
	Beldar	day	0.17	254.00	**114**	43.18
	Sundries for carriage of material	L.S.	67.28	1.80	**9999**	121.10
	TOTAL					222.42
	Add Water Charges @ 1%					**2.22**
	TOTAL					**224.65** (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					31.56
	Total					256.21 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					38.43
	Cost of 15.0kg					**294.64**
	Cost of 1 kg					**19.64**
	Add labour cess @ 1%					0.20
	Rate including labour cess					19.84
			Say	**Rs. 19.80**	**Per kg**	
10.12	**Providing and fixing steel glazed doors, windows and ventilatrs of standard rolled steel sections, joints mitered and welded with 15x3 mm lugs 10 cm long with steel lugs embedded in cement concrete blocks 15x10x10 cm of 1:3:6(1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with woodenplugs and screws or raw) plugs and screws or with fixing dips or with bolts and nuts as required, including providing and fixing of glass panes with glazing dips and special metal-sash putty pf approved make complete including applying a priming coat of approved steel primer; excluding the cost of metal beading and other fitting except necessary hinges or pivots as required.**					
10.12.1	Doors Detail of cost for a double leaf door of size 2.075x1.175 m = 2.44 sqm					
	Materials:					
	Readymade steel door with necessary hinges, lugs and glazing clips but excluding other fittings and their fixing to hold glas:, panes ext.					
	2.075x1.175 m = 2.44 sqm	sqm	2.440	1936.98	(4014)	4726.22
	Glass panes 10 kg/sqm (Area 80% of opening)	sqm	1.950	266.19	(2406)	519.06

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Carriage of steel door and glass panes	1 time	31.050	1.80	(9999)	55.89	
	Fixing with CC 1:3:6 blocks, wooden plugs and screws or rawl plugs and screws or with fixing clips and bolts and nuts as required including metal sash putty for glass fixing. (Rate same as per code No.10.11 of this sub-head)	sqm	2.440	38.53	(10.11)	94.01	(A)
	Apply steel primer (2.44x1.00 for both sides)=2.44 sqm (Rate as per code No. 13.81.3 of SH finishing)	sqm	2.440	27.25	(13.81.3)	66.49	(B)
	Add for water charges @ 1% on all items except (A+B)					53.01	
	Total					5514.69	
	Add GST 12% on "X" except A+B (multiplying factor 0.1405)					752.26	
	Total					6266.95	(Y)
	Add for contractor's profit and over-heads @ 15% all except (A+B)					915.97	
	Cost of 2.44 sqm					7182.92	
	Cost of 1 sqm					2943.82	
	Add labour cess @ 1%					29.44	
	Rate including labour cess					2973.26	
			Say	**Rs. 2973.30**	**Per sqm**		
10.13	**Extra for providing and fixing steel beading of approved shape and section with screws instread of glaxing clips and met. Sash putty in steel dorrs, windows. Ventilators and comosite units.**						
10.13A	**Steel doors**						
	Details of cost for one door of size 2.075x0.775 m = 1.61 sqm						
	Metal beading with screws vertical pieces-2x2.075 =4.15 m						
	Horizantal pieces 12x0 7 75 = 9.30 m =13.45 m	metre	13.450	25.13	(1143)	337.99	
	Fixing	1 times	15.550	1.80	(9999)	27.99	
	Applying priming coat	1 time	2.400	1.80	(9999)	4.32	
	Total					370.30	
	Add water Charges @ 1 %					3.70	
	Total					374.01	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					52.55	
	Total					426.55	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					63.98	
	Cost of 1.61 sqm					490.54	
	Cost of 1 sqm					304.68	
	Add labour cess @ 1%					3.05	
	Rate including labour cess					307.73	
			Say	**Rs. 307.70**	**Per sqm**		
10.13B	**Steel windows**						
	Details of cost for one window of size 1.75x0.575 m=0.68 sqm						
	Metal beading with screws						
	Vertical pieces-2x1.175 =2.35 m						
	Horizontal pieces 8x0.575 =4.60m =6.95m	metre	6.950	25.13	(1143)	174.65	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Fixing	1 time	5.200	1.80	(9999)	9.36
	Applying priming coat	1 time	1.400	1.80	(9999)	2.52
	Total					186.53
	Add water Charges @ 1 %					1.87
	Total					188.40 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					26.47
	Total					214.87 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					32.23
	Cost of 0.68 sqm					247.09
	Cost of 1 sqm					363.37
	Add labour cess @ 1%					3.63
	Rate including labour cess					367.00
			Say	**Rs. 367.00**	**Per sqm**	
10.13C	**Steel ventilators**					
	Details of cost for one ventilator of size 1.775*0.575m . =1.02 sqm					
	vertical pieces 6x0.575 = 3.45 m					
	Horizontal pieces 4x1.775 = 7.10 m					
	=10.55	metre	10.550	25.13	(1143)	265.12
	Fixing	1 time	10.350	1.80	(9999)	18.63
	Applying priming cost	1 time	1.050	1.80	(9999)	1.89
	Total					285.64
	Add water Charges @ 1%					2.86
	Total					288.49 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					40.53
	Total					329.03 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					49.35
	Cost of 1.02 sqm					378.38
	Cost of 1 sqm					370.96
	Add labour cess @ 1%					3.71
	Rate including labour cess					374.67
			Say	**Rs. 374.70**	**Per sqm**	
10.14	**Providing and fixing T-iron frames for doors. windows and ventilators of mils steel Tee-sections, joints miltred and welded with 15x3 mm lugs 10 cm long embedded in cement concerete blocks 15x10x10 cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including**					
10.14.1	fixing pf necessary butt hinges and screws and applying a priming coat of approved steel primer					
	Details of cost for 17.5 kg					
	Materials:					
	Tee iron 40x40x6 mm = 2m+2m+1m = 5 metres					
	5 metres @ 3.5 kg/m = 17.5 kg					
	Add wastage @ 5% = 0.87 kg					
	18.37 kg Say 0.18					
	quintal	quintal	0.180	4155.00	(1007)	747.90
	M.S. Bars 10rnm=1x1m = q metre					
	1 metre @ 0.60 kg/m = 0.60 kg					
	Add wastage @ 5% = 0.03 kg					
	0.63 kg Say 0.006					
	quintal	quintal	0.006	4545.00	(1002)	27.27

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	M.S. Flat 15x3mm = 6x10 cm = 0.60 m					
	0.6 metre @ 0.35 kg/m = 0.21 kg					
	Add wastage @ 5% = 0.01 kg					
	0.22 kg	quintal	0.0020	3420.41	(1008)	6.84
	Cement concrete block 1:3:6					
	6x15x10x10 cm = 0,009 cum	cum	0.009	4365.00	(4.2.5)	39.29 **(A)**
	(Rate as per item no. 4.2.5 of SH:4)					
	Butt hinges - 100x58x1.90 mm	10 Nos	6.000	79.11	(0595)	47.47
	For screws and nuts and bolts	LS	35.880	1.80	(9999)	64.58
	For applying steel primer	LS	17.940	1.80	(9999)	32.29
	Carriage of material	LS	5.330	1.80	(9999)	9.59
	Labour:					
	Blacksmith 2nd class	per day	0.100	305.00	(0103)	30.50
	Fitter (Grade I)	per day	0.150	348.00	(0116)	52.20
	Beldar	per day	0.200	254.00	(0114)	50.80
	Sundries	LS	8.970	1.80	(9999)	16.15
	Total					1124.88
	Add for water charges @ 1% except on 'A'					10.86
	Total					1135.73 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					159.57
	Total					1295.31 (Y)
	Add for contractor's profit and overheads @ 15 %					
	except on 'A'					188.40
	Cost of 17.5 kg					1483.71
	Cost of 1 kg					84.78
	Add labour cess @ 1%					0.85
	Rate including labour cess					85.63
			Say	**Rs. 85.60**	**Per Kg**	
10.14.2	**Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately).**					
	Details of cost for 17.5 kg.					
	MATERIAL:					
	Tee iron 40x40x6mm					
	= 2 + 2 + 1 = 5m					
	5 metres @3.5kg/m = 17.5kg.+					
	Add wastage @ 5% = 0.87kg.					
	Total = 18.37 kg. Say 0.18 qunital					
	Structural steel such as tees, angles	quintal	0.18	4155.00	1007	747.90
	channels and R.S. joists					
	M.S. bars 10mm = lxlm = 1 metre					
	1 metre @ 0.60kg/m = 0.60kg.+					
	Add wastage @ 5% = 0.03kg.					
	Total = 0.63 kg. Say = 0.006 qunital					
	Mild steel round bar 12 mm dia and below	quintal	0.01	4545.00	1002	27.27
	M.S. flat 15x3mm = 6x10cm = 0.60 metre					
	0.6 metre @ 0.35kg/m = 0.21 kg+					
	Add wastage @ 5% = 0.01 kg.					
	Total = 0.22 kg					
	Bright finished or black enameled mild	10 Nos	6.00	79.11	595	47.47
	steel butt hinges 100x58x1.90 mm					
	for screws and nuts and bolts	L.S.	35.88	1.80	9999	64.58
	for applying steel primer	L.S.	17.94	1.80	9999	32.29
	Carriage of material	L.S.	5.33	1.80	9999	9.59
	LABOUR:					
	Blacksmith 2nd class	day	0.10	305.00	103	30.50
	Fitter (grade 1)	day	0.15	348.00	116	52.20
	Beldar	day	0.20	254.00	114	50.80
	Sundries	L.S.	8.97	1.80	9999	16.15
	TOTAL					1078.75

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add Water Charges @ 1%					10.79	
	TOTAL					1089.54	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					153.08	
	Total					1242.62	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					186.39	
	Cost of 17.5 kg					1429.01	
	Cost of 1 kg					81.66	
	Add labour cess @ 1%					0.82	
	Rate including labour cess					82.48	
			Say	**Rs. 82.50**	**Per Kg**		
10.15	**Providing and fixing pressed steel door confirming IS code 4351 manufactured from commerical mild steel sheet of 1.25 mm thickness including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50 x 25 mm or base ties of 1.25mm pressed mild steel welded or rigidly fixed together by . mechnical means, adjustable lugs with split end tail to each jamb including steel butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge:**						
10.15.1	**Profile B**						
	Details of cost tor 5 metre						
	Materials:						
	Pressed steel door frames (mild steel sheet 1.60						
	Pressed steel frame=2+2+1 m = 5 m	metre	5.000	186.14	(4006)	930.72	
	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	ten	0.600	79.11	(0595)	47.47	
	Screws, nuts and bolts	LS	35.880	1.80	(9999)	64.58	
	50x25x5 mm. M.S Angle for threshold 1 metre @ 2.75 kg per m =2.75 kg say 0.03quintal						
	Structural steel such as tees, angles channels and R.S. joists	quintal	0.030	4155.00	(1007)	124.65	
	Carriage of materials	LS	5.330	1.80	(9999)	9.59	
	Labour:						
	Fitter (Grade 1)	per day	0.150	348.00	(0116)	52.20	
	Beldar	per day	0.200	254.00	(0114)	50.80	
	Sundries	LS	8.970	1.80	(9999)	16.15	
	Steel Primer 500x2(2x1.2+2x6.0+1x12.50cm)=2.69sqm (Rate as per item no. 13.81.3 of SH 13	sqm	2.690	27.25	(13.81.3)	73.30	A
	Total					1369.47	
	Add for water charges @ 1 %					12.96	
	TOTAL					1382.43	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					183.93	
	Total					1566.36	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					223.96	
	Cost of 5 metre					1790.32	
	Cost of 1 metre					358.06	
	Add labour cess @ 1%					3.58	
	Rate including labour cess					361.64	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
			Say	**Rs. 361.60**	**Per metre**		
10.15.2	**Profile C**						
	Details of cost tor 5 metre						
	Materials:						
	Pressed steel door frames (mild steel sheet 1.60						
	Pressed steel frame=2+2+1 m = 5 m	metre	5.000	204.76	(4007)	1023.80	
	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	ten	0.600	79.11	(0595)	47.47	
	Screws, nuts and bolts	LS	35.880	1.80	(9999)	64.58	
	50x25x5 mm. M.S Angle for threshold 1 metre @ 2.75 kg per m =2.75 kg say 0.03quintal						
	Structural steel such as tees, angles channels and R.S. joists	quintal	0.030	4155.00	(1007)	124.65	
	Carriage of materials	LS	5.330	1.80	(9999)	9.59	
	Labour:						
	Fitter (Grade 1)	per day	0.150	348.00	(0116)	52.20	
	Beldar	per day	0.200	254.00	(0114)	50.80	
	Sundries	LS	8.970	1.80	(9999)	16.15	
	Steel Primer 500x2(2x1.2+2x6.0+1x12.50cm)=2.69sqm	sqm	2.690	27.25	(13.81.3)	73.30	A
	(Rate as per item no. 13.81.3 of SH 13						
	Total					1462.54	
	Add for water charges @ 1 %					13.89	
	TOTAL					1476.43	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					197.14	
	Total					1673.57	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					240.04	
	Cost of 5 metre					1913.61	
	Cost of 1 metre					382.72	
	Add labour cess @ 1%					3.83	
	Rate including labour cess					386.55	
			Say	**Rs. 386.60**	**Per metre**		
10.15.3	**Profile E**						
	Details of cost tor 5 metre						
	Materials:						
	Pressed steel door frames (mild steel sheet 1.60						
	Pressed steel frame=2+2+1 m = 5 m	metre	5.000	232.68	(4008)	1163.40	
	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	ten	0.600	79.11	(0595)	47.47	
	Screws, nuts and bolts	LS	35.880	1.80	(9999)	64.58	
	50x25x5 mm. M.S Angle for threshold 1 metre @ 2.75 kg per m =2.75 kg say 0.03quintal						
	Structural steel such as tees, angles channels and R.S. joists	quintal	0.030	4155.00	(1007)	124.65	
	Carriage of materials	LS	5.330	1.80	(9999)	9.59	
	Labour:						
	Fitter (Grade 1)	per day	0.150	348.00	(0116)	52.20	
	Beldar	per day	0.200	254.00	(0114)	50.80	
	Sundries	LS	8.970	1.80	(9999)	16.15	
	Steel Primer 500x2(2x1.2+2x6.0+1x12.50cm)=2.69sqm	sqm	2.690	27.25	(13.81.3)	73.30	A
	(Rate as per item no. 13.81.3 of SH 13						
	Total					1602.15	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add for water charges @ 1 %					15.29	
	TOTAL					1617.44	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					216.95	
	Total					1834.39	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					264.16	
	Cost of 5 metre					2098.55	
	Cost of 1 metre					419.71	
	Add labour cess @ 1%					4.20	
	Rate including labour cess					423.91	
			Say	**Rs. 423.90**	**Per metre**		
10.16	**Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coar of approved steel primer, welded and bolted including special shaped washers etc. complete:**						
10.16.1	**Hot finished welded type tubes Welded ..as per IS:816**						
	Details of cost for a truss of span 8 metre Weight 119Kg						
	Weight 119Kg						
	Materials:						
	50 mm dia tube						
	Tie beam-1x8.0 in = 8.00 m						
	Principal rafter 2*4.30 m = 8.60 m						
	= 16.60 m						
	16.60 m@ 5.10 kg/m =84.66						
	40 mm dia tube						
	members = 2(0.45+1.25+0.90+2.15)						
	= 2x4.75 = 9.50 m						
	9.50 m @3.61 kg/m = 34.60 kg						
	Total = 118.96 kg						
	Add wastage @ 5% = 5.94 kg						
	= 124.90 kg						
	Say 125.00 kg	kilogram	125.00	39.09	(4009)	4886.30	
	Carriage of tubes	tonne	0.125	96.07	(2205)	12.01	
	Priming coat						
	50 mm dia tube 16.60x0.157 = 1.61 sqm						
	40 mm dia tube 9.50x0.125 m = 1.91 sqm						
	= 280 sqm	sqm	2.80	27.25	(13.81.3)	76.30	A
	(Rate as per item 13.81.3 of .SH. Finishing)						
	Welding charges :-						
	Joins of						
	Rafter: - 4x22/7x6.03 = 75.80 cm						
	Ties :- 2x22/7x6.03 = 37.90 cm						
	Members:- 2x4x2x22/7x4.83 = 242.87 cm						
	Total = 356.57 cm						
	say 357 cm cm	cm	357.00	1.86	(1215)	664.54	
	Labour:						
	For cutting, assembling, & erection						
	Black smith 1st class	per day	1.50	342.00	(0102)	513.00	
	Bandhani	per day	0.75	270.00	(0100)	202.50	
	Beldar	per day	5.50	254.00	(0114)	1397.00	
	Sundries	LS	80.73	1.80	(9999)	145.31	
						7896.96	
	Add for water charges @ 1 %					78.21	
	Total					7975.16	
	Add GST 12% on "X"except A (multiplying factor 0.1405)					1109.79	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					9084.95 (Y)
	Add for contractor's profit and over-heads @ 15%					1351.30
	Cost of 119 kg					10436.25
	Cost of 1 kg					87.70
	Add labour cess @ 1%					0.88
	Rate including labour cess					88.58
			Say	**Rs. 88.60**	**Per Kg**	
10.16.2	**Hot finished seamless type tubes**					
	Details of cost for a truss os span 8 metre wt 119kg					
	Materials:					
	50 mm dia tube					
	Tie beam-1x8.0 m = 8.00 m					
	Principal iafter 2*4.30 m = 8.60 m					
	= 16.60 rn					
	16.60 m@ 5.10 kg/m =84.66					
	40 mm dia tube					
	members = 2(0.45+1.25+0.90+2.15)					
	= 2x4.75 = 9.50 m					
	9.50 m (o)~3.61 kg/m = 34.60 kg					
	Total = 118.96 kg.					
	Add wastage © 5% = 5.94 kg					
	= 124.90 kg					
	Say 125.00 kg	kilogram	125.00	41.88	(4010)	5235.32
	Carriage of tubes	tonne	0.13	96.07	(2205)	12.01
	Priming coat					
	50 mm dia tube 16.60x0.157 m = 1.61 sqm					
	40 mm dia tube 9.50x0.125 m = 1.91 sqm					
	= 280 sqm	sqm	2.60	27.25	(13.81.3)	70.85 A
	(Rate as per item 13.81.3 of .SH. Finishing)					
	Welding charges :-					
	Joins of					
	Rafter : - 4x22/7x6.03 = 75.80 cm					
	Ties :- 2x22/7x6.03 = 37.90 cm					
	Members:- 2x482822/7x4.83 = 242.87 cm					
	Total -- 356.57 cm					
	say 357 cm cm	cm	357.00	1.86	(1215)	664.54
	Labour:					
	For cutting, assembling, & erection					
	Black smith 1st class	per day	1.50	342.00	(0102)	513.00
	Bandhani	per day	0.75	270.00	(0100)	202.50
	Beldar	per day	5.50	254.00	(0114)	1397.00
	Sundries	LS	80.73	1.80	(9999)	145.31
	total					8240.53
	Add for water charges @ 1%					82.41
						8322.93
	Add GST 12% on "X"except A (multiplying factor 0.1405)					1159.42
	Total					9482.35 (Y)
	Add for contractor's profit and over-heads @ 15%					1411.73
	Cost of 119 kg					10894.08
	Cost of 1 kg					91.55
	Add labour cess @ 1%					0.92
	Rate including labour cess					92.47
			Say	**Rs. 92.50**	**Per Kg**	
10.16.3	**Electric resistance or Induciton butt welded tubes**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Details of cost for a truss os span 8 metre weight 119 kg					
	Materials:					
	50 mm dia tube					
	Tie beam-1x8.0 m = 8.00 m					
	Principal rafter 2x4.30 m = 8.60 m					
	= 16.60 m					
	16.60 m @ 5.10 kg/m = 84.66					
	40 mm dia tube					
	members - 2(0.45+1.25+0.90+2.15)					
	= 2x4.75 = 9.50 m					
	9.50 m @3.61 kg/m = 34.60 kg					
	Total =118.96 kg					
	Add wastage @ 5% = 5.94 kg					
	= 124.90 kg					
	Say 125.00 kg	kilogram	125.000	55.84	(4011)	6980.43
	Carriage of tubes	tonne	0.125	96.07	(2205)	12.01
	Priming coat					
	50 mm dia tube 16.60x0.157 m = 1.61 sqm					
	40 mm dia tube 9.50x0.125 m = 1.91 sqm					
	= 280 sqm	sqm	2.800	27.25	(13.81.3)	76.30 A
	(Rate as per item 13.81.3 of .SH. Finishing)					
	Welding charges :-					
	Joins of					
	Rafter: - 4x22/7x6.03 = 75.80 cm					
	Ties :- 2x22/7x6.03 = 37.90 cm					
	Members:- 2x4x2x22/7x4.83 = 242.87 cm					
	Total = 356.57 cm					
	say 357 cm cm	cm	357.000	1.86	(1215)	664.54
	Labour:					
	For cutting, assembling, & erection					
	Black smith 1st class	per day	1.500	342.00	(0102)	513.00
	Bandhani	per day	0.750	270.00	(0100)	202.50
	Beldar	per day	5.500	254.00	(0114)	1397.00
	Sundries	LS	80.730	1.80	(9999)	145.31
						9991.08
	Add for water charges @ 1 %					99.15
	Total					10090.23
	Add GST 12% on "X"except A (multiplying factor 0.1405)					1406.96
	Total					11596.34 (Y)
	Add for contractor's profit and over-heads @ 15%					1728.01
	Cost of 119 kg					13324.34
	Cost of 1 kg					111.97
	Add labour cess @ 1%					1.12
	Rate including labour cess					113.09
			Say	**Rs. 113.10**	**Per Kg**	
10.17	**Providing and fixing M.S.fan clamp type I or II of 16 mm dia.M.S. bar bent to shape with hooked ends in R.C.C slabs during laying including painting the exposed portion of loop,all as per standard design complete.**					
	Details of cost for 1 clamp					
	Materials:					
	16 mm dia M.S. bar 1 m @ 1.58 kg/m					
	= 1-1.58 = 1.58 kg					
	Add wastage @ 5% = 0.008 kg					
	= 1.66 kg					
	Say 1.70 kg or 0.017 q	quintal	0.017	4545.00	(1003)	77.27
	Labour:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Black smith 2nd class	per day	0.040	305.00	(0103)	12.20
	Beldar	per day	0.040	254.00	(0114)	10.16
	Sundries (Carriage, fixing and painting etc.)	1 time	1.820	1.80	(9999)	3.28
	Add for water charges @ 1 %					1.03
	total					103.93
	Add GST 12% on "X" (multiplying factor 0.1405)					14.60
	Total					118.53 (Y)
	Add for contractor's profit and over-heads @ 15%					17.78
	Cost of 1 each					136.31
	Add labour cess @ 1%					1.36
	Rate including labour cess					137.67
			Say	**Rs. 137.70**	**Each**	
10.18	**Providing and fixing circular/hexagonal cast iron or M.S sheet box for ceiling fan clamp 140 mm internal dia, 73 mm height. 5 mm thick rim bottom and top lids, 1.5 mm thick M.S sheet with its top surface hacked for . proper bonding top lid shall be screwed into the cast iron box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamps shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.**					
	Details of cost of one box clamp					
	Materials:					
	Circular; C.I box including bottom and top lids	each	1.000	51.19	(4012)	51.19
	12mm dis M.S. bar 80 cm @ 0.9 kg/m = 0.72 kg					
	Add wastage® 5% = 0.036kg					
	= 0.756 kg					
	Say 0.008 q	quintal	0.008	4545.00	(1002)	36.36
	Labour:					
	Black smith 2nd class	per day	0.030	305.00	(0103)	9.15
	Beldar	per day	0.030	254.00	(0114)	7.62
	Sundries (Carriage, fixing and painting etc.)	1 time	0.700	1.80	(9999)	1.26
	Add for water charges @ 1 %					1.06
	total					106.64
	Add GST 12% on "X" (multiplying factor 0.1405)					14.98
	Total					121.62 (Y)
	Add for contractor's profit and over-heads @ 15%					18.24
	Cost of 1 each					139.86
	Add labour cess @ 1%					1.40
	Rate including labour cess					141.26
			Say	**Rs. 141.30**	**Each**	
10.19	**Providing and fixing M.S. round holding down bolts with nuts and washer plates complete.**					
	Details of cost for 1 bolt 16mm dia & 1200 mm long					
	Materials:					
	1.2 m @ 1.58 kg/m = 1.895 kg - 0.019 q	quintal	0.019	4886.30	(1035)	92.84
	Plate-100*100*6 mm @ 47 kg/sqm					
	Wt.= 0.47 kg = 0.005 q	quintal	0.005	3629.82	(1010)	18.15
	Labour:					
	Black smith 2nd class	per day	0.030	305.00	(0103)	9.15
	Carriage and labour for fixing	1 time	4.550	1.80	(9999)	8.19
	Add for water charges @ 1%					1.28
	total					129.61
	Add GST 12% on "X" (multiplying factor 0.1405)					18.21
	Total					147.82 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and over-heads @ 15%					22.17
	Cost of 2.4 kg					170.00
	Cost of 1 kg					70.83
	Add labour cess @ 1%					0.71
	Rate including labour cess					71.54
			Say	**Rs. 71.50**	**Kg**	
10.20(a)	**providing and fixing bolts upto 300 mm in length including nuts and washers complete.**					
	Details of cost for 0.10 q of nuts and washerw	quintal	0.100	4746.69	(1034)	474.67
	Carriage	tonne	0.010	96.07	(2205)	0.96
	Labour:					
	Black smith 2nd class	per day	0.380	305.00	(0103)	115.90
	Beldar	per day	0.380	254.00	(0114)	96.52
	Sundries	1 time	1.750	1.80	(9999)	3.15
						691.20
	Add for water charges @ 1 %					6.91
	Total					698.11
	Add GST 12% on "X" (multiplying factor 0.1405)					98.08
	Total					796.20 (Y)
	Add for contractor's profit and over-heads @ 15%					119.43
	Cost of 10 kg					915.63
	Cost of 1 kg					91.56
	Add labour cess @ 1%					0.92
	Rate including labour cess					92.48
			Say	**Rs. 92.50**	**Kg**	
10.20(b)	**providing and fixing bolts above 300 mm in length including nuts and washers complete.**					
	Details of cost for 0.10 q of nuts and washers					
	Materials:					
	Bolts, nuts and washers	quintal	0.100	4886.30	(1035)	488.63
	Carriage	tonne	0.010	96.07	(2205)	0.96
	Labour:					
	Same as in item No. 10.23					212.42
	Sundries	1 time	1.750	1.80	(9999)	3.15
	Add for water charges @ 1 %					7.05
	Total					712.21 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					100.07
	Total					812.28 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					121.84
	Cost of 10 kg					934.12
	Cost of 1 kg					93.41
	Add labour cess @ 1%					0.93
	Rate including labour cess					94.34
			Say	**94.30**	**Kg**	
10.21	**Providing and fixing M.S. rivets of sizes in position**					
	Detials of cosr for 0.10 q of rivets					
	Materials:					
	Rivets	quintal	0.100	4188.26	(1020)	418.83
	Carriage	tonne	0.010	96.07	(2205)	0.96
	Labour:					
	Fitter (Grade I)	per day	0.830	348.00	(0116)	288.84
	Beldar special	per day	0.830	305.00	(0139)	253.15
	Sundries	1 time	4.150	1.80	(9999)	7.47
	Add for water charges @ 1 %					9.69
	Total					978.94 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					137.54
	Total					1116.48 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					167.47
	Cost of 10 kg					1283.95
	Cost of 1 kg					128.40
	Add labour cess @ 1%					1.28
	Rate including labour cess					129.68
			Say	**Rs. 129.70**	**Kg**	
10.22(a)	**Welding by gas plant including tranportation of gas welding plant at site etc. complete.**					
	Details of cost for one cm. welding by gas plant including transportation of gas welding plant at site etc. complete.	cm	1.000	1.86	(1214)	1.86
	Sundries	1 time	0.260	1.80	(9999)	0.47
	Add for water charges @ 1%					0.02
	Total					2.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					0.33
	Total					2.68 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					0.35
	Cost of 1 cm					3.04
	Add labour cess @ 1%					0.03
	Rate including labour cess					3.07
			Say	**Rs. 3.10**	**Per cm**	
10.22(b)	**Welding by electric plant incluidnq transportation of electric welding plant at site etc. comolete.**					
	Details of cost for one cm					
	Welding by electric plant including transportation of electric welding plant at site etc. complete.	cm	1.000	1.86	(1215)	1.86
	Sundries	1 time	0.260	1.80	(9999)	0.47
	Add for water charges @ 1 %					0.02
	Total					2.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					0.33
	Total					2.68 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					0.45
	Cost of 1 cm					3.14
	Add labour cess @ 1%					0.03
	Rate including labour cess					3.17
			Say	**Rs. 3.20**	**Per cm**	
10.28	**Providing and fixing bright finished brass casement window fastners of minimum weight 200 gms to side hung steel windows with necessary welding and machine screws etc. complete.**					
	Materials:					
	Brass casement window fastener	each	10.000	46.54	(0423)	465.36
	Fixing charges including welding and materials etc.	1 time	48.300	1.80	(9999)	86.94
	Carriage of materials	1 time	1.400	1.80	(9999)	2.52
	Add for water charges @ 1 %					5.55
	Total					560.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					78.73
	Total					639.10 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and over-heads @ 15% on "Y"					95.87
	Cost of 10 each					734.97
	Cost of 1 each					73.50
	Add labour cess @ 1%					0.73
	Rate including labour cess					74.23
			Say	**Rs. 74.20**	**Each**	
10.29	**Providing and fixing bright finished brass peg stays 300 mm long of minimum weight 330 gms.to side hung steel windows with necessary welding and machine screws etc. complete.**					
	Materials:					
	Brass casement window fastener	each	10.000	125.65	(0424)	1256.48
	Fixing charges including welding and materials etc.	1 time	48.300	1.80	(9999)	86.94
	Carriage of materials	1 time	1.400	1.80	(9999)	2.52
	Add for water charges @ 1 %					13.46
	Total					1359.40 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					191.00
	Total					1550.39 (Y)
	Add for contractor's profit and over-heads @ 15%					232.56
	Cost of 10 each					1782.95
	Cost of 1 each					178.29
	Add labour cess @ 1%					1.78
	Rate including labour cess					180.07
			Say	**Rs. 180.10**	**Each**	
10.30	**Providing and fixing bright finished brass peg stays to steel ventilators with necessary welding and machine screws etc. complete.**					
10.30.1	**300 mm long of minimum weight of 330 grams.**					
	Materials:					
	Brass casement window fastener	each	10.000	125.65	(0424)	1256.48
	Fixing charges including welding and materials	1 time	48.300	1.80	(9999)	86.94
	Carriage of materials	1 time	1.400	1.80	(9999)	2.52
	Add for water charges (a) 1 %					13.46
	Total					1359.40 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					191.00
	Total					1550.39 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					232.56
	Cost of 10 each					1782.95
	Cost of 1 each					178.29
	Add labour cess @ 1%					1.78
	Rate including labour cess					180.07
			Say	**Rs. 180.10**	**Each**	
10.30.2	**250 mm long of minimum weight of 240 grams.**					
	Materials:					
	Brass casement window fastener	each	10	102.38	(0425)	1023.80
	Fixing charges including welding and materials etc.	1 time	48.3	1.80	(9999)	86.94
	Carriage of materials	1 time	**1.4**	**1.80**	(9999)	2.52
	Add for water charges @ 1 %					11.13

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					1124.39 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					157.98
	Total					1282.36 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					192.35
	Cost of 10 each					1474.72
	Cost of 1 each					147.47
	Add labour cess @ 1%					1.47
	Rate including labour cess					148.94
			Say	**Rs. 148.90**	**Each**	
10.31	**providing and fixing 14 mm bright finishedf brass Spring catch to steel centre hung ventilators with necessary welding and machine sctews etc. complete.**					
	Materials:					
	Brass casement window fastener	each	10	186.14	(0428)	1861.45
	Fixing charges including welding and materials *etc.*	1 time	48.3	1.80	(9999)	86.94
	Carriage of materials	1 time	1.4	1.80	(9999)	2.52
	Add for water charges @ 1%					19.51
	Total					1970.42 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					276.84
	Total					2247.26 (Y)
	Add ror contractor's profit and over-heads @ 15% on "Y"					337.09
	Cost of 10 each					2584.35
	Cost of 1 each					258.43
	Add labour cess @ 1%					2.58
	Rate including labour cess					261.01
			Say	**Rs. 261.00**	**Each**	
10.32	**Steel work welded in built up sections/framed work including cutting hoisting, rixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required.**					
10.32.1	**In stringers, treads landings etc. of stair cases including use of required plates wherever required all complete.**					
	Consider a fiught of staircase of 2.8 m height with tread and riser of 200 mm & 0.60 m wide					
	Materials:					
	i) unequal angles as stringers 75*50*6 rnm					
	4*12.69*5.6 =248.25 kg					
	Add wastage @5% = 14.21 kg					
	= 298.46 kg Say 2.985 q					
	ii) unequal angles at sides 50*30*5 mm					
	2*14*0.2*3.00 =16.8 kg					
	Add wastage @ 5% = 0.84 kg					
	= 17.64 kg Say 0.176 q					
	= 3.161 q	quintal	3.161	4155.00	(1007)	13133.96
	iii) plate for tread 8 mm thick					
	14.75 = 105.00 kg					
	Add wastage @ 5% = 5.25 kg					
	= 110.25 kg Say1103q	quintal	1.103	3629.82	(1010)	4003.69
	iv) G.I pipe for rolling 40 mm					
	2*12.69m '= 25.38m					
	Add wastage © 5% = 1.27 m					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	= 26.65m	metre	26.65	172.18	(1549)	4588.70	
	v) M.S. round bars 16 mm dia					21726.35	
	15*0.75*2*1.58 = 35.55 kg					21726.35	
	Add wastage @ 5% = 1.78 kg						
	= 37.33 kg Say 0.373 q	quintal	0.373	4545.00	(1003)	1695.29	
	Caraige of steel						
	(3.161+1.103+03.73) = 4.637 q = 0.4637 tonne	tonne	0.464	96.07	(2205)	44.55	
	Carriage of G.I. pipe approx.wt. 3.72*26.65 = 99.14 kg	tonne	0.099	96.07	(2271)	9.52	
	welding charge (electric) 23.20 m	cm	2320.0	1.86	(1215)	4318.56	
	Labour:						
	Blacksmith	per day	1.850	342.00	(0102)	632.70	
	B'eldar .	per day	1.250	254.00	(0114)	317.50	
	bandhani	per day	0.600	270.00	(0100)	162.00	
	Aplying pmr.ing coat						
	i)steps 2.4*14 = 33.60 sqm						
	ii) angles 4*12.69*0.25 =12.69 sqm						
	iii) Bars and other componeats = 2.00 sqm (L.S.)						
	= 48.29 sqm	sqm	48.290	27.25	(13.81.3)	1315.89	(B)
	(Rate as per item no. 13.81.3)						
	sundries	1 time	110.890	1.80	(9999)	199.60	
	TOTAL					30421.95	
	Add for water charges @ 1% on all except 'B'					291.06	
	Total					30713.01	(X)
	Add GST 12% on "X" (multiplying factor 0.1405) on all except on 'B'					4130.30	
	Total					34843.30	(Y)
	Add for contractor's profit and overheads @ 15% on all except on 'B'					5029.11	
	Cost of 533.1 kg					39872.41	
	Cost of 1 kg					74.79	
	Add labour cess @ 1%					0.75	
	Rate including labour cess					75.54	
			Say	**Rs. 75.50**	**Each**		
10.32.2	**In gratings, frames, guard bar, ladders, railings, brackts. gates & similar works.**						
	Details of 1 m*1m framed guard bar grating.						
	Materials:						
	i) M.S fiat 50*6 mm 2.4 kg/per metre						
	5.75*2.40 = 13.8 kg						
	Add wastage @ 5% = 0.69 kg						
	= 14.49 kg Say 14.5 kg	quintal	0.145	3420.41	(1008)	495.96	
	ii) 12 mm dia bars @ 0.89 kg/m						
	9*1 = 9 metre @ 0.89 kg/m						
	Add wastage @ 5% = 0.40 kg						
	= 8.41 kg Say 0.084	quintal	0.084	4545.00	(1002)	381.78	
	Carriage of steel	tonne	0.023	96.07	(2205)	2.20	
	Welding charges (electric) 60 cm	cm	60.000	1.86	(1215)	111.69	
	Labour:						
	Blacksmith 1st class	per day	0.700	342.00	(0102)	239.40	
	Beldar	per day	0.500	254.00	(0114)	127.00	
	bandhani	per day	0.250	270.00	(0100)	67.50	
	Applying priming coat 0.60 sqm						
	(Rate as per item no. 13.81.3)	sqm	0.600	27.25	(13.81.3)	16.35	(B)
	Sundries	1 time	4.550	1.80	(9999)	8.19	
	Total					1450.07	
	Add for water charges @ 1% on all except on 'B'					14.34	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Total					1464.40	(X)
	Add GST 12% on "X" (multiplying factor 0.1405) on all except on 'B'					203.45	
	Total					1667.85	(Y)
	Add for contractor's profit and overheads @ 15% on all except on 'B'					247.73	
	Cost of 21.8 kg					1915.58	
	Cost of 1 kg					87.87	
	Add labour cess @ 1%					0.88	
	Rate including labour cess					88.75	
			Say	**Rs. 88.80**	**Each**		
10.33	**Providing and fixing hand rail by welding etc. to steel ladder railings & staircases railing including applying a priming coat of approved steel primer**						
10.33.1	**MS tube (medium) 40mm nominal bore**						
	Details of cost for hand rail of railing of two flights of staircase, length of hand rail=5.40m						
	Materials:						
	MS tube 40mm nominal bore (medium)=5.40m @3.61 kg/m=19.46 Say 0.195 quintal	kilogram	19.46	39.09	(4009)	760.70	
	Carriage of tube	Tone	0.02	96.07	(2205)	1.97	
	Priming coat 40mm dia tube 5.4x22/7 x 0.0483=0.82	sqm	0.82	27.25	(13.81.3)	22.34	(B)
	(Rate as per item no. 13.81.3)						
	Welding charges (joints of hand rail and ballustards)						
	18x4x1.00=72cm	cm	72.00	1.86	(1215)	134.02	
	Labour for cutting assembling & erection:						
	Blacksmith 1st class	per day	0.24	342.00	(0102)	82.08	
	Beldar	per day	0.90	254.00	(0114)	228.60	
	bandhan'	per day	0.12	270.00	(0100)	32.40	
	Sundries	1 time	12.48	1.80	(9999)	22.46	
	Total					1284.58	
	Add for water charges @ 1 % on all except on 'B'					12.62	
	Total					1297.20	(X)
	Add GST 12% on "X" (multiplying factor 0.1405) on all except on 'B'					179.12	
	Total					1476.32	(Y)
	Add for contractor's profit and overheads @ 15% on all except on 'B'					218.10	
	Cost of 19.494 kg					1694.42	
	Cost of 1 kg					86.92	
	Add labour cess @ 1%					0.87	
	Rate including labour cess					87.79	
			Say	**87.80**	**Each**		
10.33.2	**E.R.W tube 40 mm nominal dia**						
	Details of cost for hand rail of railing of two fligths of a stair case, length of hand rail = 5.4 m						
	Materials:						
	E.R.W. tubes 40 mm ciia = 5.4 m						
	5.4 m @ 3.28 kg/per m = 1 7.71 kg						
	Add wastage @ 5% = 0.88 kg						
	= 18.59 kg	kilogram	18.59	55.84	(4011)	1038.13	
	Carriage of tube	tonne	0.02	96.07	(2205)	1.79	
	Priming coat 40mm dia tube 5.4x22/7 x 0.0483=0.82	sqm	0.82	27.25	(13.81.3)	22.34	(B)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	(Rate as per item no. 13.81.3)						
	Welding charges (joints of hand rail and ballustards)						
	18x4x1.00=72cm	cm	72.00	1.86	(1215)	134.02	
	Labour for cutting assembling & ereation:						
	Blacksmith 1st class	per day	0.24	342.00	(0102)	82.08	
	Beldar	per day	0.90	254.00	(0114)	228.60	
	bandhani	per day	0.12	270.00	(0100)	32.40	
	Sundries	1 time	12.48	1.80	(9999)	22.46	
	Total					1561.83	
	Add for water charges @ 1 % on all except on 'B'					15.39	
	Total					1577.22	(X)
	Add GST 12% on "X" (multiplying factor 0.1405) on all except on 'B'					218.46	
	Total					1795.68	(Y)
	Add for contractor's" profit and overheads @ 15% on all except on 'B'					266.00	
	Cost of 17.71 kg					2061.68	
	Cost of 1 kg					116.41	
	Add labour cess @ 1%					1.16	
	Rate including labour cess					117.57	
			Say	**117.60**	**Per Kg**		
10.33.3	**G.I pipes 40 mm nominal bore (class B)**						
	Details of cost for hand rail of railing of two flights of a						
	stair case, length of hand rail = 5.4 m						
	Materials:						
	G.I. pipe 40 mm bore = 5.4 m						
	Add wastage @ 5% = 0.27 m						
	= 5.67 m	metre	5.670	172.18	(1549)	976.28	
	Carriage of pipe	tonne	0.021	96.07	(2271)	2.03	
	(5.4 m @ 3.72 kg/per m = 21.09 kg)						
	Priming coat 40mm dia tube						
	(Rate as per item no. 13.81.3)	sqm	0.820	27.25	(13.81.3)	22.34	B
	Welding charges (joints of hand *(m* a: id ballustards)						
	18x4x1.00=72cm	cm	72.000	1.86	(1215)	134.02	
	Labour for cutting assembling & ereation:						
	Biacksmith 1st class	per day	0.240	342.00	(0102)	82.08	
	Beldar	per day	0.900	254.00	(0114)	228.60	
	bandhani	per day	0.120	270.00	(0100)	32.40	
	Sundries	1 time	12.480	1.80	(9999)	22.46	
	Total					1500.22	
	Add for water charges @ 1 % on all except on 'B'					14.78	
	Total					1515.00	
	Add GST 12% on "X" (multiplying factor 0.1405) on all except on 'B'					209.72	
	Total					1724.72	(Y)
	Add for contractor's profit and overheads @ 15% on all except on 'B'					255.36	
	Cost of 20.09 kg					1980.07	
	Cost of 1 kg					98.56	
	Add labour cess @ 1%					0.99	
	Rate including labour cess					99.55	
			Say	**99.60**	**Per Kg**		

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.

10.33.4 Labour for fitting and fixing barbed wire fencing in six rows horizontal up to a height of 1.85m and two diagonals including fixing of post in cement concrete at 2.5m centres including cost of staples (but excluding the cost of cement concrete, angle, iron post, its cutting and making holes, nuts & bolts) all complete as per building specification and direction of E/I.

Assuming 30m long fencing

(A) Materials					
(I) Cost of staples & Sundries	1 time	8	1.80	(9999)	14.40
(B) Labour					
(I) Black smith gr-II	per day	1.5	305.00	(0103)	457.50
(ii) Unskilled mazdoor	per day	3	254.00	(0L01)	762.00
(iii) Mason gr-II	per day	0.5	305.00	(0124)	152.50
Total					1386.40
Add for water charges @ 1 %					13.86
Total					1400.26
Add GST 12% on "X" (multiplying factor 0.1405)					196.74
Total					1597.00 (Y)
Add 15% C.P.& OHC					239.55
Total					1836.55
Cost per metre					61.22
labour cess @ 1%					0.61
					61.83
		Say	**61.80**	Per m	

10.33.5 Labour for fitting and fixing barbed wire fencing in FOUR rows horizontal up to a height of 1.25m and two diagonals including fixing of post in cement concrete at 2.5m centres including cost of staples (but excluding the cost of cement concrete, angle, iron post, its cutting and making holes, nuts & bolts) all complete as per building specification and direction of E/I.

(A) Materials					
(I) Cost of staples & Sndries	1 time	6	1.80	(9999)	10.80
(B) Labour					
(I) Black smith	No	1	305.00	(0103)	305.00
(ii)Unskilled mazdoor	No	2	254.00	(0L01)	508.00
(iii) Mason gr-II	No	0.5	305.00	(0124)	152.50
Total					976.30
Add for water charges @ 1 %					9.76
Total					986.06 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					138.54
Total					1124.60 (Y)
Add 15% C.P.& OHC					168.69
Total					1293.30
Cost per metre					43.11
labour cess @ 1%					0.43
Rate including labour cess					43.54
		Say	**43.50**	Per m	

10.33.6 **Drilling 6mm Dia. In M.S. angle iron for fixing of staples etc. as per building specification and direction of E/I.**

Assuming 100 No holes

(A) Labour					
(I) Black smith-II	each	1No	305.00	(0103)	305.00
(ii) Un skilled mazdoor	each	1No	254.00	(0L01)	254.00
					559.00
Add for water charges @ 1 %					5.59
Total					564.59 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					79.32
Total					643.91 (Y)
Add 15% C.P.& OHC					96.59
					740.50
Hence rate for each = 740.50212925 / 100					7.41

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	labour cess @ 1%					**0.07**
	Rate including labour cess					7.48
			For Each		Say	**7.50**
10.33.7	**Labour for cutting of M.S. angle iron post to required length, one end splitted as fish tailed in a length of 150mm complete as per building specification and direction of E/I.**					
	Assuming 16No of M.S. angle iron post					
	(A) Labour					
	(I) Black smith gr-II	each	0.5No	305.00	(0103)	152.50
	(ii) Un skilled mazdoor	each	0.5No	254.00	(0L01)	127.00
						279.50
	Add for water charges @ 1 %					2.80
	Total					282.30 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					39.66
	Total					321.96 (Y)
	Add 15% C.P.& OHC					48.29
						370.25
	Hence rate for each = 370.25 / 16					23.14
	labour cess @ 1%					**0.23**
	Rate including labour cess					23.37
		For Each			Say	**23.40**
10.35	**Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm2),counter sunk head, comprising of 10 m dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge.**					
10.35.1	**10 x60 mm.**					
	Details of cost for 10 Nos.					
	MATERIAL:					
	Carbon Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 60 mm	10 nos	10	241.99	2506	241.99
	Mason (brick layer) 2nd class	day	0.4	305.00	0124	122.00
	Beldar	day	0.4	254.00	0114	101.60
	Sundries for carriage of material	L.S.	10	1.80	9999	18.00
	TOTAL					483.59
	Add Water Charges @ 1%					4.84
	TOTAL					488.42 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					68.62
	Total					557.05 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					83.56
	Cost of 10 nos					640.60
	Cost of each					64.06
	Add 1% labour cess					0.64
						64.70
		Say	**Say**	**64.70**	**each**	
10.35.2	**10 x80 mm.**					
	Details of cost for 10 Nos.					
	MATERIAL:					
	Carbon Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 80 mm	10 nos	10	279.22	2507	279.22
	Mason (brick layer) 2nd class	day	0.4	305.00	124	122.00
	Beldar	day	0.4	254.00	114	101.60

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Sundries for carriage of material	L.S.	10	1.80	9999	18.00	
	TOTAL					520.82	
	Add Water Charges @ 1%					5.21	
	TOTAL					526.03	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					73.91	
	Total					599.93	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					89.99	
	Cost of 10 nos					689.92	
	Cost of each					68.99	
	Add 1% labour cess					0.69	
						69.68	
		Say	**Say**	**69.70**	**each**		
10.35.3	**10 x120 mm.**						
	Details of cost for 10 Nos.						
	MATERIAL:						
	Carbon Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 120 mm	10 nos	10	339.71	2508	339.71	
	Mason (brick layer) 2nd class	day	0.5	305.00	124	152.50	
	Beldar	day	0.5	254.00	114	127.00	
	Sundries for carriage of material	L.S.	10	1.80	9999	18.00	
	TOTAL					637.21	
	Add Water Charges @ 1%					6.37	
	TOTAL					643.59	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					90.42	
	Total					734.01	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					110.10	
	Cost of 10 nos					844.11	
	Cost of each					84.41	
	Add 1% labour cess					0.84	
						85.26	
		Say	**Say**	**85.30**	**each**		
10.35.4	**10 x140 mm.**						
	Details of cost for 10 Nos.						
	MATERIAL:						
	Carbon Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 140 mm	10 Nos	10	428.13	2509	428.13	
	Mason (brick layer) 2nd class	day	0.5	305.00	124	152.50	
	Beldar	day	0.5	254.00	114	127.00	
	Sundries for carriage of material	L.S.	10	1.80	9999	18.00	
	TOTAL					725.63	
	Add Water Charges @ 1%					7.26	
	TOTAL					732.89	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					102.97	
	Total					835.86	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					125.38	
	Cost of 10 nos					961.24	
	Cost of each					96.12	
	Add 1% labour cess					0.96	
						97.09	
		Say	**Say**	**97.10**	**each**		
10.35.5	**10 x160 mm.**						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Details of cost for 10 Nos.					
	MATERIAL:					
	Carbon Steel galvanised dash fastner (min 5 micron) of 10 mm dia double threaded 6.8 grade counter sunk head screw comprising of 10 mm dia polyamide PA 6 grade sleave. Size 10 mm x 160 mm	10 Nos	10	535.17	2510	535.17
	Mason (brick layer) 2nd class	day	0.6	305.00	124	183.00
	Beldar	day	0.6	254.00	114	152.40
	Sundries for carriage of material	L.S.	10	1.80	9999	18.00
	TOTAL					888.57
	Add Water Charges @ 1%					8.89
	TOTAL					897.45 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					126.09
	Total					1023.54 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					153.53
	Cost of 10 nos					1177.08
	Cost of each					117.71
	Add 1% labour cess					1.18
						118.88
		Say	**Say**	**118.90**	**each**	
10.36	**Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts,fasteners etc.).**					
	Details of cost for 2 kg (length approx. 1 feet).					
	MATERIAL:					
	Qty= 2 +					
	Add wastage @ 5% = 0.10					
	Total = 2.1 kg					
	Stainless steel (Grade-304)hollow section round/square tubes	kg	2.10	214.07	4001	449.54
	Stainless steel bolts/square bar and plates	kg	1.00	111.69	4002	111.69
	LABOUR:					
	for fabrication, assembling, errection, welding, curvaturing, grinding, buffling etc.					
	Blacksmith Ist class	day	0.06	342.00	0102	20.52
	Beldar	day	0.20	254.00	0114	50.80
	Bandhani	day	0.02	270.00	0100	5.40
	Welding of stainless steel section	L.S.	30.00	1.80	9999	54.00
	Curvaturing, grinding, finishing, buffing	L.S.	20.00	1.80	9999	36.00
	Sundries for making good wall and floors	L.S.	7.50	1.80	9999	13.50
	TOTAL					741.45
	Add Water Charges @ 1%					7.41
	TOTAL					748.86 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					105.21
	Total					854.08 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					128.11
	Cost of 2 kg					982.19
	Cost of 1 kg					491.09
	Add 1% labour cess					4.91
						496.00
			Say	**496.00**	per Kg	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
10.37	**Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete.**					
10.37.1	**Galvanised M.S. Wire gauze with 0.63 mm dia wire and 1.4 mm aperture on both sides.**					
	Details of cost for a window shutter 1.40x 1.10=1.54 sqm.					
	MATERIAL:					
	Wire gauze 1.40x1.10=1.54 sqm					
	Add wastage @ 10 %=0.15 sqm					
	Total=1.69 sqm.					
	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	1.69	241.99	7029	408.96
	Carriage	L.S.	1.82	1.80	9999	3.28
	M.S. Flat 15x3=2x(1.40+1.10)=5.0 metre					
	Add wastage @ 5%=0.25 m					
	Total=5.25 m					
	5.25@0.35kg/m=1.84 kg					
	Flats up to 10 mm in thickness	quintal	0.0184	241.99	1008	4.45
	Carriage	L.S.	1.82	1.80	9999	3.28
	LABOUR:					
	Blacksmith 2nd class	day	0.17	305.00	103	51.85
	Carpenter 2nd class	day	0.17	305.00	112	51.85
	Beldar	day	0.06	254.00	114	15.24
	Sundries	L.S.	19.76	1.80	9999	35.57
	TOTAL					574.47
	Add Water Charges @ 1%					5.74
	TOTAL					580.22 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					81.52
	Total					661.74 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					99.26
	Cost of 1.54 sqm					761.00
	Cost of 1 sqm					380.50
	Add 1% labour cess					3.80
						384.30
			Say	**384.30**	Per sqm	
10.37.2	**Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides.**					
	Details of cost for a window shutter 1.40x 1.10=1.54 sqm.					
	MATERIAL:					
	Wire gauze 1.40x1.10=1.54 sqm					
	Add wastage @ 10 %=0.15 sqm					
	Total=1.69 sqm.					
	Stainless steel wire guage (Grade-304) aperture 1.4 mm and 0.50 mm dia wire	sqm	1.69	604.97	8737	1022.40
	Carriage	L.S.	1.82	1.80	9999	3.28
	M.S. Flat 15x3=2x(1.40+1.10)=5.0 metre					
	Add wastage @ 5%=0.25 m					
	Total=5.25 m					
	5.25@0.35kg/m=1.84 kg					
	Flats up to 10 mm in thickness	quintal	0.0184	3420.41	1008	62.94
	Carriage	L.S.	1.82	1.80	9999	3.28
	LABOUR:					
	Blacksmith 2nd class	day	0.17	305.00	103	51.85

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Carpenter 2nd class	day	0.17	305.00	112	51.85	
	Beldar	day	0.06	254.00	114	15.24	
	Sundries	L.S.	19.76	1.80	9999	35.57	
	TOTAL					1246.40	
	Add Water Charges @ 1%					12.46	
	TOTAL					1258.86	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					176.87	
	Total					1435.73	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					215.36	
	Cost of 1.54 sqm					1651.09	
	Cost of 1 sqm					825.54	
	Add 1% labour cess					8.26	
						833.80	
				Say	**833.80**	Per sqm	
10.38	**Providing & fixing glass panes with putty and glazing clips in steel doors,windows, clerestory windows all complete with.**						
10.38.1	**4.0 mm thick glass panes.**						
	Details of cost for 10 glass panes (area of each pane = 0.10 sqm).						
	MATERIAL:						
	Area of glass panes =1.00 sqm +						
	Add wastage @ 10% = 0.10						
	Total =1.10 sqm						
	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	1.1	266.19	2406	292.81	
	Carriage	L.S.	1.82	1.80	9999	3.28	
	LABOUR:						
	Glazier	day	0.13	286.00	119	37.18	
	Sundries, putty, glazing clips, scaffolding etc.	L.S.	125.58	1.80	9999	226.04	
	TOTAL					559.31	
	Add Water Charges @ 1%					5.59	
	TOTAL					564.90	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					79.37	
	Total					644.27	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					96.64	
	Cost of 1 sqm					740.91	
	Add 1% labour cess					7.41	
						748.32	
				Say	**748.30**	Per sqm	
10.38.2	**5.5 mm thick glass panes.**						
	Details of cost for 10 glass panes (area of each glass pane = 0.10 sqm).						
	MATERIAL:						
	Area of glass panes =1.00 sqm +						
	Add wastage @ 10% = 0.10						
	Total =1.10 sqm						
	Float glass sheet of nominal thickness 5.5 mm (weight not less than 13.50 kg/sqm)	sqm	1.1	456.05	2407	501.66	
	Carriage	L.S.	1.82	1.80	9999	3.28	
	LABOUR:						
	Glazier	day	0.13	286.00	119	37.18	
	Sundries, putty, glazing clips, scaffolding etc.	L.S.	125.58	1.80	9999	226.04	
	TOTAL					768.16	
	Add Water Charges @ 1%					7.68	
	TOTAL					775.84	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					109.01	
	Total					884.85	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add for contractor's profit and over-heads @ 15% on "Y"					132.73	
	Cost of 1 sqm					1017.57	
	Add 1% labour cess					10.18	
						1027.75	
				Say	**1027.80**	Per sqm	
10.39	**Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side / top / centre hung, with beading and all members such as F7D,F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing andfixing of hinges, pivots, including priming coat of approved steel primer , but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment).**						
10.39.1	**Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).**						
	Details of cost for a double leaf door of size 2.075x1.175m = 2.44 sqm. (weight 30 kg).						
	MATERIAL:						
	Steel glazed door,window/ ventilator, all members viz. F7D, F4B, K11 and K12B etc.	kg	30	44.67	1011	1340.24	
	Carriage of steel door	L.S.	40.37	1.80	9999	72.67	
	LABOUR:						
	for fabrication						
	Blacksmith 2nd class	day	0.17	305.00	103	51.85	
	Fitter (grade 1)	day	0.26	348.00	116	90.48	
	Beldar	day	0.34	254.00	114	86.36	
	Sundries	L.S.	15.37	1.80	9999	27.67	
	Fixing with CC 1:3:6 blocks, wooden plugs and screws or rawl plugs and screws or with fixing clips and bolts and nuts as required including metal sash putty for glass fixing						
	Rate as per Item Number 10.10.1	kg	30	38.53	10.10.1	1155.87	A
	Apply steel primer (2.44x 1.00 for both sides =2.44 sqm						
	Rate as per Item Number 13.50.3 of SH: Finishing	sqm	2.44	27.25	13.50.3	66.49	A
	TOTAL					2891.63	
	Add Water Charges @ 1% except on A i.e on					16.69	
	TOTAL					2908.32	(X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)					236.88	
	Total					3145.19	(Y)
	Add CPOH @ 15% except on A i.e on "Y"					288.42	
						3433.62	
	Cost of 30 kg						
	Cost of 1 kg					114.45	
	Add 1% labour cess					1.14	
						115.60	
				Say	**115.60**	Per Kg	
10.39.2	**Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately).**						
	Details of cost for a double leaf door of size 2.075x1.175m = 2.44 sqm. (weight 30 kg).						
	MATERIAL:						
	Steel glazed door,window/ ventilator, all members viz. F7D, F4B, K11 and K12B etc.	kg	30	44.67	1011	1340.24	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Carriage of steel door	L.S.	40.37	1.80	9999	72.67	
	LABOUR:						
	for fabrication						
	Blacksmith 2nd class	day	0.17	305.00	103	51.85	
	Fitter (grade 1)	day	0.26	348.00	116	90.48	
	Beldar	day	0.34	254.00	114	86.36	
	Sundries	L.S.	15.37	1.80	9999	27.67	
	Apply steel primer (2.44x 1.00 for both sides =2.44 sqm						
	Rate as per Item Number 13.50.3 of SH: Finishing	sqm	2.44	27.25	13.50.3	66.49	A
	TOTAL					1735.75	
	Add Water Charges @ 1% except on A i.e on					16.69	
	TOTAL					1752.45	
	Add GST 12% on "X" except A (multiplying factor 0.1405)					236.88	
	Total					1989.32	(Y)
	Add CPOH @ 15% except on A i.e on					288.42	
	Cost of 30 kg					2277.75	
	Cost of 1 kg					75.92	
	Add 1% labour cess					0.76	
						76.68	
			Say	**76.70**	Per Kg		
10.40	**Extra for providing and fixing steel beading of size 10 x 10 x 1.6 mm (box type),approved shape and section with screws instead of glazing clips and metal sash putty, in steel doors, windows, ventilators and composite units.**						
	Details of cost for 1 metre beading for doors, windows, Ventilatators and composit units.						
	Steel beading	metre	1	25.13	1143	25.13	
	Applying priming coat	L.S.	0.46	1.80	9999	0.83	
	Fixing charges	L.S.	3.01	1.80	9999	5.42	
	TOTAL					31.38	
	Add Water Charges @ 1%					0.31	
	TOTAL					31.69	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					4.45	
	Total					36.14	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					5.42	
	Cost of 1 metre					41.56	
	Add 1% labour cess					0.42	
						41.98	
			Say	**42.00**	Per metre		
10.41	**Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.**						
10.41.1	**Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).**						
	Details of cost for 7.13 Kg.						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	L- section - 32x22x28mm 1.60mm thick 2.00+2.00+1.00 = 5.00 m Width of MS sheet = 32+24.80+22+24.80+10mm = 113.60mm = 0.1136m Area of MS sheet = 0.1136x5.00x0.0016 = 0.0009088 sqm Weight of Sheet = 0.0009088x7850 = 7.134 kg Add wastage @ 5% = 0.357kg. Total = 7.491 kg Say 7.49 kg						
	Mild steel tubes electric resistant or induction butt welded M.S. bars 10mm = lxlm = 1 metre 1 metre @ 0.60kg/m = 0.60kg. Add wastage @ 5% = 0.03 kg. Total = 0.63 kg. Say = 0.006 qunital	kilogram	7.49	55.84	4011	418.27	
	Mild steel round bar 12 mm dia and below M.S. flat 15x3mm = 6x10cm = 0.60 metre 0.6 metre @ 0.35kg/m = 0.21 kg Add wastage @ 5% = 0.01 kg. Total = 0.22 kg	quintal	0.006	4545.00	1002	27.27	
	Flats up to 10 mm in thickness Cement concrete block 1:3:6- 6x15x10x 10cm= 0.009 cum	quintal	0.002	3420.41	1008	6.84	
	Rate as per Item Number 4.2.5 of SH: Concrete work	cum	0.009	4365.00	4.2.5	39.29	A
	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6	79.11	0595	474.67	
	for screws and nuts and bolts	L.S.	35.88	1.80	9999	64.58	
	for applying steel primer	L.S.	17.94	1.80	9999	32.29	
	Carriage of material	L.S.	5.33	1.80	9999	9.59	
	LABOUR:						
	Blacksmith 2nd class	day	0.04	305.00	0103	12.20	
	Fitter (grade 1)	day	0.06	348.00	0116	20.88	
	Beldar	day	0.08	254.00	0114	20.32	
	Sundries	L.S.	3.64	1.80	9999	6.55	
	TOTAL					1132.75	
	Add Water Charges @ 1% except on A i.e on					10.93	
	TOTAL					1143.69	(X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)					155.17	
	Total					1298.86	(Y)
	Add CPOH @ 15% except on A i.e on					188.94	
	Cost of 7.13 kg					1487.79	
	Cost of 1 kg					208.67	
	Add 1% labour cess					2.09	
						210.75	
			Say	**210.80**	Per Kg		
10.41.2	**Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately).** Details of cost for 7.13 kg. L- section - 32x22x28mm 1.60mm thick 2.00+2.00+1.00 = 5.00 m Width of MS sheet = 32+24.80+22+24.80+10mm = 113.60mm = 0.1136m Area of MS sheet = 0.1136x5.00x0.0016 = 0.0009088 sqm						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Weight of Sheet = 0.0009088x7850 = 7.134 kg Add wastage @ 5% = 0.357kg. Total = 7.491 kg Say 7.49 kg						
	Mild steel tubes electric resistant or induction butt welded	kilogram	7.49	55.84	4011	418.27	
	M.S. bars 10mm = lxlm = 1 metre 1 metre @ 0.60kg/m = 0.60kg. Add wastage @ 5% = 0.03 kg. Total = 0.63 kg. Say = 0.006 qunital						
	Mild steel round bar 12 mm dia and below	quintal	0.006	4545.00	1002	27.27	
	Bright finished or black enameled mild steel butt hinges 100x58x1.90 mm	10 Nos	6	79.11	595	474.67	
	for screws and nuts and bolts	L.S.	35.88	1.80	9999	64.58	
	for applying steel primer	L.S.	17.94	1.80	9999	32.29	
	Carriage of material	L.S.	5.33	1.80	9999	9.59	
	LABOUR:						
	Blacksmith 2nd class	day	0.04	305.00	103	12.20	
	Fitter (grade 1)	day	0.06	348.00	116	20.88	
	Beldar	day	0.08	254.00	114	20.32	
	Sundries	L.S.	3.64	1.80	9999	6.55	
	TOTAL					1086.63	
	Add Water Charges @ 1%					10.87	
	TOTAL					1097.49	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					154.20	
	Total					1251.69	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					187.75	
	Cost of 7.13 kg					1439.45	
	Cost of 1 kg					201.89	
	Add 1% labour cess					2.02	
						203.90	
			Say	**203.90**	Per Kg		
10.42	**Providing and fixing bolts including nuts and washers complete.** Details of cost for 0.10 quintal of nuts and washers.						
	MATERIAL:						
	Bolts and nuts up to 300 mm in length	quintal	0.1	4746.69	1034	474.67	
	Carriage of steel	tonne	0.01	94.80	2205	0.95	
	LABOUR:						
	Blacksmith 2nd class	day	0.38	305.00	103	115.90	
	Beldar	day	0.38	254.00	114	96.52	
	Sundries	L.S.	4.55	1.80	9999	8.19	
	TOTAL					696.23	
	Add Water Charges @ 1%					6.96	
	TOTAL					703.19	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					98.80	
	Total					801.99	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					120.30	
	Cost of 10 kg					922.29	
	Cost of 1 kg					92.23	
	Add 1% labour cess					0.92	
						93.15	
			Say	**93.20**	Per Kg		

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
10.43	**Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5 mm thick) wire of high tensile strength of 165 kg/ sq mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)**					
	Details of cost for 30 metre length					
	MATERIAL:					
	Punched tape concertina coil 600 mm dia 10 m openable length (Total length 90 m) (Having 50 Nos. of rounds per 6 meter = 1 bundles) Therefore, Nos. of bundles 30/6=5 bundles Nos. of bundles 30/10=3bundles	bundle	5	628.24	(8691)	3141.19
	RBT reinforced barbed wire 9 rounds = 9x30 = 270m	metre	270.00	6.52	(8692)	1759.07
	Turn buckle and strengthening bolt	each set	10	37.23	(8693)	372.29
	G.I. staples clips etc.	L.S.	49.40	1.80	(9999)	88.92
	LABOUR:					
	for fixing straightening cutting of tape/ coils & wire					
	Beldar 0.50x2 = 1.00 Nos (Taken double due to height)	day	1.0	254.00	(0114)	254.00
	Blacksmith 1 st class	day	0.5	342.00	(0102)	171.00
	Blacksmith 2nd class	**day**	**0.5**	**305.00**	**(0103)**	**152.50**
	TOTAL					5938.97
	Add Water Charges @ 1%					59.39
	TOTAL					5998.36 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					842.77
	Total					6841.13 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					1026.17
	Cost of 30 metre					7867.30
	Cost of 1 metre					262.24
	Add 1% labour cess					2.62
						264.87
			Say	**264.90**	Per m	
10.44	**Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer_In_charge.**					
	Description	**Unit**	**Quantity**	**Rate**	**Code**	**Amount**
	Details of cost for 17.50 kg					
	MATERIAL					
	Angle/Tee iron 40x40x6 mm= 2+2+1 = 5 m 5 Meters @3.5 Kg/m = 17.5 Kg+ Add Wastage @5% =0.87Kg."Total =18.37 Kg. Say 0.18 Quintal					
	Structural steel such as tees, angles, channels and R.S. Joists	quintal	0.18	4155.00	(1007)	747.90

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	M.S. Flats 3x5 mm for fixing frame 6x0.05= 0.3 Metre @1.18 Kg/m= 0.354 Kg Add wastage @5% = 0.018 Kg Total= 0.37Kg. Say 0.0037 Qunital	quintal	0.0037	3420.41	(1008)	12.66
	M.S. Bars 10mm =1x1 m = 1Metre 1 Metre @0.60Kg/m =0.60Kg + Add wastage @5% = 0.03 Kg.Total =0.63 Kg, say 0.006 Quintal	quintal	0.006	4545.00	(1002)	27.27
	Mild steel round bars 10mm dia and below					
	For applying steel primer	L.S.	17.94	1.80	(9999)	32.29
	Carriage of material	L.S.	5.33	1.80	(9999)	9.59
	Welding by electric plant	cm	16	1.86	(1215)	29.78
	LABOUR					
	Blacksmith 2nd Class	day	0.1	305.00	(0103)	30.50
	Fitter (Grade-I)	day	0.15	348.00	(0116)	52.20
	Beldar	day	0.2	254.00	(0114)	50.80
	Sundries	L.S.	8.97	1.80	(9999)	16.15
	TOTAL					1009.14
	Add Water Charges @ 1%					10.09
	TOTAL					1019.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					143.20
	Total					1162.43 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					174.37
	Cost for 17.50 kg					1336.80
	Rate per kg					**76.39**
	Add 1% labour cess					0.76
						77.15
			Say	**77.20**	Per Kg	

SUB HEAD : 11.0
FLOORING

11.0 Flooring

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.1	**Brick on edge flooring with bricks of class designation 100A including cement slurry etc. complete in cement mortar.**					
11.1.1	**1:4 (1 cement: 4 coarse sand)**					
	Details of cost for 10 sqm					
	Materials -					
	Bricks of class designation 100A	1000 nos.	0.565	5010.000	(2602)	2830.650
	Carriage of bricks	1000 nos.	0.565	0.000	(2201)	0.000
	Cement mortar 1:4 Rate as per item No 2113	cum	0.434	2534.722	(2113)	1100.069
	Cement for slurry	tonne	0.020	5474.000	(0367)	109.480
	Carriage of cement	tonne	0.020	0.000	(2209)	0.000
	Labour -					0.000
	Mason 2nd class	Per day	1.080	305.000	(0124)	329.400
	Beldar	per day	0.250	254.000	(0114)	63.500
	Coolie	per day	1.620	265.000	(0115)	429.300
	Bhisti	per day	0.270	277.000	(0101)	74.790
	Total					4937.189
	Add for water charges @ 1 %					49.372
	Total					4986.561 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					700.61
	Total					5687.17 (Y)
	Add for contractor's profit and overheads @ 15%					853.076
	Cost of 10 sqm					6540.249
	Cost of 1 sqm					654.025
	Add labour cess @ 1%					6.540
	Rate including labour cess					660.565
			Say	**Rs.660.60**	**Per sqm**	
11.1.2	**1:6(1 cement:6 coarse sand)**					
	Details of cost for 10 sqm					
	Materials-					
	Bricks of class designation 100A	thousand	0.565	5010.000	(2602)	2830.650
	Carriage of bricks	1000 nos.	0.565	0.000	(2201)	0.000
	Cement mortar 1:6	cum	0.431	1823.10	(2115)	785.757
	Cemant for slurry	tonne	0.020	5474.000	(0367)	109.480
	Carriage of cement	tonne	0.020	0.000	(2209)	0.000
	Labour-					
	Mason 2nd class	per day	1.080	305.000	(0124)	329.400
	Beldar for appllying slurry	per day	0.250	254.000	(0114)	63.500
	Coolie	per day	1.620	265.000	(0115)	429.300
	Bhisti	per day	0.270	277.000	(0101)	74.790
	Total					4622.877
	Add for water charges @ 1 %					46.229
	Total					4669.106 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					656.01
	Total					5325.12 (Y)
	Add for contractor's profit and overheads @ 15%"Y"					798.767
	Cost of 10 sqm					6123.883

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 sqm					612.388
	Add labour cess @ 1%					6.120
	Rate including labour cess					618.508
			Say	**Rs.618.50**	**Per sqm**	
11.3	**Cement concrete flooring 1: 2: 4 (1 cement:2 coarse:sand:4 graded stone agregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete.**					
1 1.3.1	**40 mm thick with 20 mm nominal size stone aggregate**					
	Details of cost for 10 sqm					
	Materials-					
	20 mm ballast	cum	0.267	556.330	(0295)	148.540
	10 mm balast	cum	0.089	620.420	(0297)	55.217
	Carriage of ballast	cum	0.356	0.000	(2202)	0.000
	Coarse sand	cum	0.178	160.690	(0982)	28.603
	Carriage of sand	cum	0.178	0.000	(2203)	0.000
	Cement	tonne	0.170	5474.000	(0367)	930.580
	Carriage of cement	tonne	0.170	0.000	(2209)	0.000
	Labour-					
	Mason 2nd class	per day	0.800	305.000	(0124)	244.000
	Beldar	per day	1.400	254.000	(0114)	355.600
	Bhisti	per day	1.040	277.000	(0101)	288.080
	Mixer operator	per day	0.030	323.000	(0127;)	9.690
	Mixer	Per day	0.030	800.000	(0002)	24.000
	Sundries	1 time	15.550	1.800	(9999)	27.990
	Total					2112.300
	Add for water charges @ 1 %					21.123
	Total					2133.423 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					299.75
	Total					2433.17 (Y)
	Add for contractor's profit and overheads @ 15%					364.975
	Cost of 10 sqm					2798.145
	Cost of 1 sqm					279.814
	Add labour cess @ 1%					2.800
	Rate including labour cess					282.614
			Say	**Rs.282.60**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.4	**52 mm thick cement concrete flooring with concrete hardener topping under layer 40 mm thick cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix:2 stone aggregate 6 mm nominal size) by volume hardening compound is mixed @ 2 liter per 50 kg of cement or as per manufactur's specification. This includes cost of cement slurry, etc. but excluding the cost of nosing of steps etc. complete.**					
	Details of cost for 10 sqm					
	Materials-					
	20 mm ballast	cum	0.267	556.330	(0295)	148.540
	10 mm ballast	cum	0.089	620.420	(0297)	55.217
	Carriage of ballast	cum	0.356	0.000	(2202)	0.000
	Coarse sand	cum	0.178	160.690	(0982)	28.603
	Carriage of coarse sand	cum	0.178	0.000	(2203)	0.000
	Stone aggregate 6mrp	cum	0.115	412.490	(0298)	47.436
	Carriage of stone aggregate	cum	0.115	0.000	(2202)	0.000
	Cement	tonne	0.211	5474.000	(0367)	1155.014
	Cement for slurry	tonne	0.020	5474.000	(0367)	109.480
	Carriage of cement	tonne	0.231	0.000	(2209)	0.000
	Hardening compound	litre	2.440	37.229	(7254)	90.839
	Carriage of hardening compound	1 time	1.050	1.800	(9999)	1.890
	Labour-					
	Mason 2nd class	per day	2.150	305.000	(0124)	655.750
	Beldar	per day	1.600	254.000	(0114)	406.400
	Coolie	per day	1.880	265.000	(0115)	498.200
	Bhisti	per day.	0.270	277.000	(0101)	74.790
	Sundries	1 time	53.820	1.800	(9999)	96.876
	Total					3369.035
	Add for water charges @ 1 %					33.690
	Total					3402.726 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					478.08
	Total					3880.81 (Y)
	Add for contractor's profit and overheads @ 15%					582.121
	Cost of 10 sqm					4462.930
	Cost of 1 sqm					446.293
	Add labour cess @ 1%					4.460
	Rate including labour cess					450.753
			Say	**Rs.450.80**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.5	**62 mm thick cement concrete flooring with metallic -concrete hardener topping under layer 50 mm thick cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) and top layer 12mm thick metallic cement hardener consisting of mix 1:2(1 cement hardener mix:2 stone aggregate 6 mm nominal size) by volume hardning compound is mixed @ 2 liter per 50 kg of cement or as per manufacture specification. This includes cost of cement slurry, etc. but excluding the cost of nosing of steps etc. complete.**					
	Details of cost for 10 sqm					
	Materials-					
	20 mm ballast	cum	0.334	556.330	(0295)	185.814
	TO mm ballast	cum	0.111	620.420	(0297)	68.867
	Carriage of tallast	cum	0.445	0.000	(2202)	0.000
	Coarse sand	cum	0.222	160.690	(0982)	35.673
	Carriage of sand	cum	0.222	0.000	(2203)	0.000
	Stone aggregate 6 mm	cum	0.115	412.490	(0298)	47.436
	Carriage of stone aggregate	cum	0.115	0.000	(2202)	0.000
	Cement	tonne	0.243	5474.000	(0367)	1330.231
	Cement for slurry	tonne	0.020	5474.000	(0367)	109.480
	Carriage of cement	tonne	0.263	0.000	(2209)	0.000
	Hardening compound	litre	2.440	37.229	(7254)	90.839
	Carriage of metallic floor hardener	1 time	1.050	1.800	(9999)	1.890
	Labour-					0.000
	Mason 2nd class	per day	2.150	305.000	(0124)	655.750
	Beldar	per day	1.860	254.000	(0114)	472.440
	Coolie	per day	1.880	265.000	(0115)	498.200
	Bhisti	per day	0.270	277.000	(0101)	74.801
	Sundries	LS	53.820	1.800	(9999)	96.876
	Total					3668.297
	Add for water charges @ 1 %					36.683
	Total					3704.980 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					520.55
	Total					4225.53 (Y)
	Add for contractor's profit and overheads @ 15%					633.830
	Cost of 10 sqm					4859.360
	Cost of 1 sqm					485.936
	Add labour cess @ 1%					4.860
	Rate including labour cess					490.796
			Say	**Rs.490.80**	**Per sqm**	
11.6	**Cement plaster skirting (upto 30 cm hieght) with cement mortar 1:3(1 cement 1:3 coarse sand) finished with a floating coat of neat cement.**					
11.6.1	**18 mm thick**					
	Details of cost for 10 sqm					
	Materials-					
	Cement mortar 1:3 =0.205 cum					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add for rouding corners=0.030 cum						
	0.235 cum	cum	0.235	3246.342	(2112)	762.890	
	Cement for finishing cost	tonne	0.020	5474.000	(0367)	109.480	
	Carriage of cement	tonne	0.020	0.000	(2209)	0.000	
	Labour-						
	Mason 2nd class	per day	1.880	305.000	(0124)	573.400	
	Coolie	per day	1.880	265.000	(0115)	498.200	
	Bhisti	per day	0.540	277.000	(0101)	149.580	
	Sundries	LS	19.760	1.800	(9999)	35.568	
	Total					2129.118	
	Add for water charges @ 1%					21.291	
	Total					2150.410	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					302.13	
	Total					2452.54	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					367.881	
	Cost of 10 sqm					2820.424	
	Cost of 1 sqm					282.042	
	Add labour cess @ 1%					2.820	
	Rate including labour cess					284.862	
			Say	**Rs.284.86**	**Per sqm**		
11.7	**Cement concrete pavement with 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) including finishing complete.**						
	Details of cost for one cum						
	Materials-						
	Cement concrete 1:2:4(Rate as per item No. 4.6.3)	cum	1.000	5048.132	(4.2.3)	5048.132	(A)
	Extra labour for laying in floors tec.						
	Mason 2nd class	per day	0.350	305.000	(0124)	106.750	
	Beidar	per day	0.180	254.000	(01 14)	45.720	
	Bhisti	per day	0.050	277.000	(0101)	13.850	
	Sundries	1 time	7.600	1.800	(9999)	13.680	
	Total					5228.132	
	Add for water charges @ 1% on all except A					1.800	
	Total					5229.932	(X)
	Add GST 12% on "X" except "A" (multiplying factor 0.1405)					25.54	
	Total					5255.48	(Y)
	Add for contractor's profit and overheads @ 15% on all except A					31.101 5286.577	
	Add labour cess @ 1%					52.870	
	Rate including labour cess					5339.447	
	Cost of 1 cum		**Say**	**Rs.5339.40**	**Per sqm**		
11.8	**Extra for making chequers of approved pattern on cement concrete floors, steps landing, pavements etc.**						
	Details of cost for 10 sqm						
	Labour-						
	Mason 2nd class	per day	0.360	305.000	(0124)	109.800	
	Beidar	per day	0.360	254.000	(01 14)	91.440	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Chequered plate etc.	1 time	13.520	1.800	(9999)	24.336
	Total					225.576
	Add for water charges @ 1 %					2.256
	Total					227.832 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					32.01
	Total					259.84 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					38.976
	Cost of 10 sqm					298.818
	Cost of 1 sqm					29.882
	Add labour cess @ 1%					0.300
	Rate including labour cess					30.182
			Say	**Rs.30.20**	**Per sqm**	
I	**TERRAZO FLOORING**					
11.9	**40 mm thick marble chips fiouring rubbed and polished to granolithic finish, under layer 34 mm thick cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 12.5 mm nominal size) and top layer 6 mm thick with white, blacm, chocolate, grey, yellow or Baroda green marble chips of sizes form 1 mm to 4 mm nominal size laid in cement marble powder mix 3:1(3 cement: 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix:7 marble chips) by volume including cement slurry e'c. complete.**					
11.9.1	Dark shade pigment with ordinary cement					
	Details of cost for 10 sqm					
	Materials-					
	For under layer of 34 mm thick					
	12.5 mm Stone aggregate	cum	0.227	649.260	(0296)	147.382 (X)
	10 mm Stone aggregate	cum	0.076	620.420	(0297)	47.152 (X)
	Carriage of stone aggregate	cum	0.303	0.000	(2202)	0.000 (X)
	Coarse sand	cum	0.151	160.690	(0982)	24.264 (X)
	Carriage of coarse sand	cum	0.151	0.000	(2203)	0.000 (X)
	Cement	tonne	0.109	5474.000	(0367)	596.666 (X)
	Cement for slurry	tonne	0.020	5474.000	(0367)	109.480 (X)
	Carriage of cement	tonne	0.129	0.000	(2209)	0.000 (X)
	For top layer 6 mm thick					
	Marble chips	quintal	0.872	158.437	(0785)	138.157 (H)
	Carriage of marble chips	cum	0.051	0.000	(2268)	0.000 (H)
	Cement	tonne	0.041	5474.000	(0367)	221.697 (H)
	Carriage of cement	tonne	0.041	0.000	(2209)	0.000 (H)
	Marble Powder	cum	0.007	232.681	(0784)	1.629 (H)
	Dark shade pigment @ 3.5 kg/50 kg of cement=40.5x3.5/50 = 2.84 kg	kilogram	2.840	51.190	(0874)	145.379 (H)
	Carriage of pigment& marble powder etc.	LS	3.640	1.800	(9999)	6.552 (H)
	Labour-					
	Mason 2nd class	per day	1.790	305.000	(0124)	545.950
	Beldar	per day	1.990	254.000	(0114)	505.460

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Bhisti	per day	1.040	277.000	(0101)	288.080
	Beldar for rubbibng and polishing (Special Rate)	per day	1.000	305.000	(0139)	305.000
	Mixer operator	per day	0.030	323.000	(0127)	9.690
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Per day	0.030	800.000	(0002)	24.000
	Machine for rubbing of floors	Per day	1.600	350.000	(0013)	560.000
	Sundries	LS	161.460	1.800	(9999)	290.628
	Total					3967.166
	Add for water charges @ 1%					39.672
	Total					4006.838 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					562.96
	Total					4569.80 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					685.470
	Cost of 10 sqm					5255.268
	Cost of 1 sqm					525.527
	Add labour cess @ 1%					5.260
	Rate including labour cess					530.787
			Say	**Rs.530.80**	**Per sqm**	
11.9.2	**Light shade pigment with white cement**					
	Details of cost for 10 sqm					
	Cost same as per item No. 11.9.1	sqm	10.000	525.527	(11.9.1)	5255.268
	Add difference of cost due to using light shade pigment instead of dard shade pigment					
	Light shade-dark shade (Code 0875-Code 0874)	kilogram	2.840	0.000	(0875-0874)	0.000 (A)
	Difference of cost due to using white cement					
	instead of grey cement (code 0368-code 0367)	ton	0.041	4950.102		200.479 (A)
	Total A					200.479
	Add for water charges @ 1 % on A					2.005 (B)
	Total A+B					202.484 (X)
	Add GST 12% on "X"(multiplying factor 0.1405) on A+B					28.45
	Total					230.93 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					34.640
	Cost of 10 sqm					5520.841
	Cost of 1 sqm					552.084
	Add labour cess @ 1%					5.520
	Rate including labour cess					557.604
			Say	**Rs.557.60**	**Per sqm**	
11.9.3	**Medium shade pigment with 50% white cement and 50% ordinary cement.**					
	Details of cost for 10 sqm					
	Cost same as per item No. 11.9.1	sqm	10.000	525.527	(11 .9.1)	5255.268
	Add difference of cost due to using medium shade					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	pigment instead of dard shade piqment (Code 0876-Code 0874)	kilogram	2.840	0.000	(0876-0874)	0.000	A)
	Difference of cost due to using 50% white cement instead of grey cement (code 0368-code 0367)	ton	0.020	4950.102		100.240	(A)
	Total A					100.240	
	Add for water chargs @ 1% on A					1.002	(B)
	Total A+B					101.242	(X)
	Add GST 12% on "X"(multiplying factor 0.1405) on A+B					14.22	
	Total					115.47	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					17.320	
	Cost of 10 sqm					5388.055	
	Cost of 1 sqm					538.805	
	Add labour cess @ 1%					5.390	
	Rate including labour cess					544.195	
			Say	**Rs.544.20**	**Per sqm**		
11.9.4	**White cement without any pigment**						
	Details of cost for 10 sqm						
	Materials-						
	For under layer of 34 mm thick 12.5 mm Stone aggregate	cum	0.227	649.260	(0296)	147.382	
	10 mm Stone aggregate	cum	0.076	620.420	(0297)	47.152	
	Carriage of stone aggregate	cum	0.303	0.000	(2202)	0.000	
	Coarse sand	cum	0.151	160.690	(0982)	24.264	
	Carriage of coarse sand	cum	0.151		(2203)	0.000	
	Cement	tonne	0.109	5474.000	(0367)	596.666	
	Cement for slurry	tonne	0.020	5474.000	(0367)	109.480	
	Carriage of cement	tone	0.129	0.000	(2209)	0.000	
	For top layer 6 mm thick						
	Marble chips	quintal	0.958	158.437	(0785)	151.783	(B)
	Carriage of marbe chips	cum	0.056	0.000	(2268)	0.000	(B)
	White cement	ton	0.041	10424.102	(0368)	422.176	(B)
	Carriage of white cement	tonne	0.041		(2209)	0.000	(B)
	Marble powder	cum	0.007	232.681	(0784)	1.629	(B)
	Labour-						
	Mason 2nd dass	per day	1.790	305.000	(0124)	545.950	
	Beldar	per day	1.990	254.000	(01 14)	505.460	
	Bhisti	per day	1.040	277.000	(0101)	288.080	
	Beldar for rubbing and polishing (Special Rate)	per day	1.000	305.000	(0139)	305.000	
	Mixer operator	per day	0.030	323.000	(0127)	9.690	
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	Per day	0.030	800.000	(0002)	24.000	
	Machine for rubbing of floors	Per day	1.600	350.000	(0013)	560.000	
	Sundries	LS	161.460	1.800	(9999)	290.628	
	Total					4029.340	
	Add for water charges @ 1%					40.293	
	Total					4069.633	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					571.78	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Total					4641.42	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					696.212	
	Cost of 10 sqm					5337.629	
	Cost of 1 sqm					533.763	
	Add labour cess @ 1%					5.340	
	Rate including labour cess					539.103	
			Say	**Rs.539.10**	**Per sqm**		
11.9.5	**Light shade pigment with ordinary cement.**						
	Details of cost for 10 sqm						
	Cost same as per item No. 11.9.1	sqm	10.000	525.527	(1 1.9.1)	5255.268	
	Add difference of cost due to using light shade pigment instead of dark shade pigment (Code 0875-Code 0874)	kilogram	2.840	0.000	(0875-0874)	0.000	A)
	Add for water chargs @ 1 % on A					0.000	(B)
	Total A+B					0.000	(X)
	Add GST 12% on "X"(multiplying factor 0.1405) on A+B					0.00	
	Total					0.00	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					0.000	
	Cost of 10 sqm					5255.268	
	Cost of 1 sqm					525.527	
	Add labour cess @ 1%					5.260	
	Rate including labour cess					530.787	
			Say	**Rs.530.80**	**Per sqm**		
11.9.6	**Ordinary cement without any pigment**						
	Details of cost for 10 sqm						
	Cost same as per item No. 11.9.1	sqm	10.000	525.527	(11 .9.1)	5255.268	
	Less the cost of dark shade pigment						
	Dark shade pigment	kilogram	2.840	74.458	(0874)	211.460	(A)
	Carriage of pigment	LS	0.700	1.800	(9999)	1.260	(A)
	Add for water chargs @ 1 % on A					2.127	(B)
	Total A+B					3.387	
	Add GST 12% on "X"(multiplying factor 0.1405) on A+B					0.48	
	Total					3.86	
	Add for contractor's profit and overheads @ 15% on A+B					0.579	
	Cost of 10 sqm					5039.841	
	Cost of 1 sqm					503.984	
	Add labour cess @ 1%					5.040	
	Rate including labour cess					509.024	
			Say	**Rs.509.00**	**Per sqm**		

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.10	**40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 31 mm thick cement concrete 1:2:4(1 ement:2 oarse sand:4 graded stone aggregate 12.5 mm nominal size) and top layer 9 mm thick with white, black.chocolate, grey, yellow or Baroda green marble chips of sizes from 4 mm to 7 mm nominal size laid in cement marble powder mix 3:1 (3 cement: 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix:7 marble chips) by volume including cement slurry etc. complete.**					
11.10.1	**Dark shade pigment with ordinary cement**					
	Details of cost for 10 sqm					
	Materials-					
	For under layer of 31 mm thick					
	12.5 mm Stone aggreate	cum	0.210	649.260	(0296)	136.345 (X)
	10 mm Stone aggregate	cum	0.070	620.420	(0297)	43.429 (X)
	Carriage of stone aggregate	cum	0.280	0.000	(2202)	0.000 (X)
	Coarse sand	cum	0.140	134.024	(0982)	18.763 (X)
	Carriage of coarse sand	cum	0.140	0.000	(2203)	0.000 (X)
	Cement	tonne	0.101	5474.000	(0367)	550.137 (X)
	Cement for slurry	tonne	0.020	5474.000	(0367)	109.480 (X)
	Carriage of cement	tonne	0.121	0.000	(2209)	0.000 (X)
	For top layer 9 mm thick					
	Marble chips 4 mm to 7 mm size	quintal	1.400	232.681	(0788)	325.753
	Carriage of marble chips	cum	0.082	0.000	(2268)	0.000
	Cement	tonne	0.058	5474.000	(0367)	316.397
	Carriage of cement	tonne	0.058	0.000	(2209)	0.000
	Marble Powder	cum	0.012	232.681	(0784)	2.792
	Black colour Dark shade pigment 3.5kg/ 50kg of cement = 57.80x3.5/50=4.05kg	kilogram	4.050	51.190	(0874)	207.319
	Carriage of pigment & marble powder etc.	LS	5.460	1.800	(9999)	9.828
	Labour-					
	Same as in item No. 11.9.1					
	Mason 2nd class	per day	1.790	305.000	(0124)	545.950
	Beidar	per day	1.990	254.000	(0114)	505.460
	Bhisti	per day	1.040	277.000	(0101)	288.080
	Beidar for rubbibng and polishing (Special Rate)	per day	1.000	305.000	(0139)	305.000
	Driver (for Road Roller, Concrete Mixer, Truck etc.)	per day	0.030	323.000	(0127)	9.690
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	per day	0.030	800.000	(0002)	24.000
	Machine for rubbing of floors	per day	1.600	350.000	(0013)	560.000
	Sundries	LS	134.550	1.800	(9999)	242.190
	Total					4200.614
	Add for water charges @ 1 %					42.006
	Total					4242.620 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X"(multiplying factor 0.1405)					596.09
	Total					4838.71 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					725.806
	Cost of 10 sqm					5564.514
	Cost of 1 sqm					556.451
	Add labour cess @ 1%					5.560
	Rate including labour cess					562.011
			Say	**Rs.562.00**	**Per sqm**	
11.10.2	**Light shade pigment with white cement**					
	Details of cost or 10 sqm					
	Cost same as per item No. 11.10.1	sqm	10.000	556.451	(11.10.1)	5564.514
	Add difference of cost due to using light shade pigment instead of dark shade pigment (Code 0875-Code 0874)	kilogram	4.050	0.000	(0875-0874)	0.000 (A)
	Add difference of cost due to using white cement instead of ordinary cement (Code 0368-Code 0367)	ton	0.058	4950.102		286.116 (A)
	Add for water chargs @ 1 % on A					2.861 (B)
	Total A+B					288.977 (X)
	Add GST 12% on "X"(multiplying factor 0.1405) on A+B					40.60
	Total					329.58 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					49.437
	Cost of 10 sqm					5943.529
	Cost of 1 sqm					594.353
	Add labour cess @ 1%					5.940
	Rate including labour cess					600.293
			Say	**Rs.600.30**	**Per sqm**	
11.10.3	**Medium shade pigment with 50% white cement and 50% ordinary cement**					
	Details of cost for 10 sqm					
	Cost same as per item No. 11.10.1	sqm	10.000	556.451	(11.10.1)	5564.514
	Add difference of cost due to using medium shade pigment instead or ciarK shade pigment (Code 0876-Code 0874)	kilogram	4.050	0.000	(0876-0874)	0.000 (A)
	Add difference of cost due to using 50% white cement instead of ordinary cement (Code 0368-Code 0367)	ton	0.029	4950.102	(0368-0367)	143.058 (A)
	Add for water chargs @ 1 % on A					1.431 (B)
	Total A+B					144.489 (X)
	Add GST 12% on "X"(multiplying factor 0.1405) on A+B					20.30
	Total					164.79 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					24.718
	Cost of 10 sqm					5754.022
	Cost of 1 sqm					575.402
	Add labour cess @ 1%					5.750

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Rate including labour cess					581.152	
			Say	**Rs.581.20**	**Per sqm**		
11.10.4	**White cement without any pigment**						
	Details of cost for 10 sqm						
	Under layer						
	(Same as per item No. 11.10.1 marked X) Top						
	layer	sqm	1.000	858.154	(11.10.1-X)	858.154	
	Marble chips	quintal	1.400	232.681	(0788)	325.753	
	Carriage of marble chips	cum	0.082	0.000	(2268)	0.000	
	White Cement	ton	0.058	10424.102	(0368)	602.513	
	Carriage of cement	tonne	0.058	0.000	(2209)	0.000	
	Marble powder	cum	0.012	232.681	(0784)	2.792	
	Labour-						
	Same as per item No. 11.9.1						
	Mason *2nd cl*ass	per day	1.790	305.000	(0124)	545.950	
	Beldar	per day	1.990	254.000	(0114)	505.460	
	Bhisti	per d3y	1.040	277.000	(0101)	288.080	
	Beldar for rubbibng and polishing (Special Rate)	per day	1.000	305.000	(0139)	305.000	
	Driver (for Road Roller, Concrete Mixer, Truck etc.)	per day	0.030	323.000	(0127)	9.690	
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	per day	0.030	800.000	(0002)	24.000	
	Machine for rubbing of floors	per day	1.600	350.000	(0013)	560.000	
	Sundries	LS	161.460	1.800	(9999)	290.628	
	Total					4318.021	
	Add for water charges @ 1 %					43.180	
	Total					4361.201	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					612.75	
	Total					4973.95	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					746.092	
	Cost of 10 sqm					5720.042	
	Cost of 1 sqm					572.004	
	Add labour cess @ 1%					5.720	
	Rate including labour cess					577.724	
			Say	**Rs.577.70**	**Per sqm**		
11.10.5	**Light shade pigment with ordinary cement**						
	Details of cost for 10 sqm						
	Cost same as per item No. 11.10.1	sqm	10.000	556.451	(11.16.1)	5564.514	
	Add difference of cost due to using light shade pigment instead of dark shade pigment (Code 0875-Code 0874)	kilogram	4.050	0.000	(0875-074)	0.000	(A)
	Add for water chargs @ 1% on A					0.000	B
	Total A+B					0.000	
	Add GST 12% (multiplying factor 0.1405) on A+B					0.00	
	Total					0.00	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					0.000	
	Cost of 10 sqm					5564.514	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 sqm					556.4514
	Add labour cess @ 1%					5.560
	Rate including labour cess					562.011
			Say	**Rs.562.00**	**Per sqm**	
11.10.6	**Ordinary cement without any pigment**					
	Details of cost for 10 sqm					
	Under layer					
	Same as pre item No. 11.16.1 marked (X)	sqrrv	1.000	858.154	(11.10.1-X)	858.154
	Marble chips (Top layer)	quintal	1.400	232.681	(0788)	325.753
	Carriage of marble chips	cum	0.082	0.000	(2268)	0.000
	Ordinary cement	tonne	0.058	5474.000	(0367)	316.397
	Carriage of cement	tonne	0.058	0.000	(2209)	0.000
	Marble powder	cum	0.012	232.681	(0784)	2.792
	Labour-					
	Same as per item NO. 11.9.1					
	Mason 2nd class	per day	1.790	305.000	(0124)	545.950
	Beldar	per day	1.990	254.000	(0114)	505.460
	Bhisti	per day	1.040	277.000	(0101)	288.080
	Beldar for aibbibng and polishing (Special Rate)	per day	1.000	305.000	(0139)	305.000
	Driver (for Road Roller, Concrete Mixer, Truck etc.)	per day	0.030	323.000	(0127)	9.690
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	per day	0.030	800.000	(0002)	24.000
	Machine for rubbing of floors	per day	1.600	350.000	(0013)	560.000
	Sundries	1 time	134.550	1.800	(9999)	242.190
	Total					3983.467
	Add for water charges @ 1%					39.835
	Total					4023.302 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					565.27
	Total					4588.58 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					688.286
	Cost of 10 sqm					5276.862
	Cost of 1 sqm					527.686
	Add labour cess @ 1%					5.280
	Rate including labour cess					532.966
			Say	**Rs.533.00**	**Per sqm**	
11.11	**40 mm thick marble chips flooring,rubbed and polished to granolithic finish, under layer 28 mm thick cement concrete 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 12.5 mm nominal size) and top layre 12 mm thick with white, balck, chocoloate, grey, yellow or Baroda gren marble chips of sizes for 7 mm to 10 mm nominal size laid in cement marble powder mix 3:1(3 cement 1 marble powder mix :3marb!e chips) by volume including cement slurry etc. complete.**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
11.11.1	**Dark shade pigment with ordinary cement**						
	Details of cost for 10 sqm						
	Materials-						
	For under layer of 28 mm thick 12.5 mm Stone aggregate	cum	0.190	649.260	(0296)	123.359	(X)
	10mm Stone aggregate	cum	0.060	620.420	(0297)	37.225	(X)
	Carriage of stone aggregate	cum	0.250	0.000	(2202)	0.000	(X)
	Coarse sand	cum	0.125	134.024	(0982)	16.753	(X)
	Carriage of coarse sand	cum	0.125	0.000	(2203)	0.000	(X)
	Cement	tonne	0.090	5474.000	(0367)	491.018	(X)
	Cement for slurry	tonne	0.020	5474.000	(0367)	109.480	(X)
	Carriage of cement	tonne	0.110	0.000	(2209)	0.000	(X)
	For top layer 12 mm thick						
	Marble chips 7 mm to 10 mm size	quintal	1.734	232.681	(0788)	403.469	
	Carriage of marble chips	cum	0.102	0.000	(2268)	0.000	
	Cement	tonne	0.081	5474.000	(0367)	443.394	
	Carriage of cement	tonne	0.081	0.000	(2209)	0.000	
	Marble Powder	curn	0.017	232.681	(0784)	3.956	
	Dark shade pigment @ 3.5kg/50 kq of cement						
	=81x3.5/50=5.67 kg	kiiogram	5.670	51.190	(0874)	290.246	
	Carriage of pigment & marble powder etc.	LS	6.240	1.800	(9999)	11.232	
	Labour-						
	Same as in item No. 11.15.1						
	Mason 2nd class	per day	1.790	305.000	(0124)	545.950	
	Beldar	per day	1.990	254.000	(0114)	505.460	
	Bhisti	per day	1.040	277.000	(0101)	288.080	
	Beldar for rubbibng and polishing (Special Rate)	per day	1.000	305.000	(0139)	305.000	
	Driver (for Road Roller, Concrete Mixer, Truck etc.)	per day	0.030	323.000	(0127)	9.690	
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	per day	0.030	800.000	(0002)	24.000	
	Machine for rubbing of floors	per day	1.600	350.000	(0013)	560.000	
	Sundries	LS	156.130	1.800	(9999)	281.034	
	Total					4449.346	
	Add for water charges @ 1 %					44.493	
	Total					4493.839	(Z)
	Add GST 12% on "Z"(multiplying factor 0.1405)					631.38	
	Total					5125.22	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					768.784	
	Cost of 10 sqm					5894.007	
	Cost oi 1 sqm					589.401	
	Add labour cess @ 1%					5.890	
	Rate including labour cess					595.291	
			Say	**Rs.595.30**	**Per sqm**		
11.11.2	**Light shade pigment with white cement**						
	Details of cost for 10 sqm						
	Cost same as per item No. 11.17.1	sqm	10.000	589.401	(11.11.1)	5894.007	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add difference of cost due to using light shade pigment instead of dark shade pigment (Code 0875-Code 0874)	kilogram	5.670	0.000	(0875-074)	0.000	(A)
	Add difference of cost due to using white cement instead of ordinary cement (Code 0368-Code 0367)	ton	0.081	4950.102	(0368-0367)	400.958	(A)
	Add for water chargs @ 1 % on A					4.010	(B)
	Total A+B					404.968	(X)
	Add GST 12% (multiplying factor 0.1405) on A+B					56.90	
	Total					461.87	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					69.280	
	Cost of 10 sqm					6425.153	
	Ccst of 1 sqm					642.515	
	Add labour cess @ 1%					6.430	
	Rate including labour cess					648.945	
			Say	**Rs.648.90**	**Per sqm**		
11.11.3	**Medium shade pigment with 50% white cement** and 50% ordinary cement						
	Details of cost for 10 sqm						
	Cost same as per item No. 11.11.1	sqm	10.000	589.401	(11.11.1)	5894.007	
	Add difference of cost due to using medium shade Digment instead of dark shade pigment (Code 0876-Code 0874)	kilogram	5.670	0.000	(0875-074)	0.000	(A)
	Add difference of cost due to using 50% white cement instead of ordinary cement (Code 0368-Code 0367)	ton	0.045	4950.102	(0368-0367)	222.755	(A)
	Add for water charges @ 1 % en A					2.228	(B)
	Total A+B					224.982	
	Add GST 12% on A+B(multiplying factor 0.1405)					31.61	
	Total					256.59	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					38.489	
	Cost of 10 sqm					6189.088	
	Cost of 1 sqm					618.909	
	Add labour cess @ 1%					6.189	
	Rate including labour cess					625.098	
			Say	**Rs.625.10**	**Per sqm**		
11.11.4	**White cement without any pigment**						
	Details of cost for 10 sqm						
	Under layer						
	Same as per item No 11.11.1 marked'X'	sqm	1.000	777.8 35	(11.11.1-X)	777.835	
	Top layer Marble chips	quintal	1.916	232.681	(0788)	445. 817	
	Carriage of marble chips	cum	0.113	0.000	(2268)	0.000	
	Cement	ton	0.081	10424.102	(0368)	844.352	
	Carriage of cement	tonne	0.081	0.000	(2209)	0.000	
	Marble powder	cum	0.017	232.681	(0784)	3.956	
	Labour-						
	Same as per item No. 11.9.1						
	Mason 2nd class	per day	1.790	305.000	(0124)	545.950	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Beldar	per day	1.990	254.000	(0114)	505.460	
	Bhisti	per day	1.040	277.000	(0101)	288.080	
	Beldar for rubbibng and polishing (Special Rate)	per day	1.000	305.000	(0139)	305.000	
	Driver (for Road Roller, Concrete Mixer, Truck etc.)	per day	0.030	323.000	(0127)	9.690	
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	per day	0.030	800.000	(0002)	24.000	
	Machine for rubbing of floors	per day	1.600	350.000	(0013)	560.000	
	Sundries	LS	134.550	1.800	(9999)	242.190	
	Total					4552.330	
	Add for water charges @ 1 %					45.523	
	Total					4597.853	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					646.00	
	Total					5243.85	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					786.578	
	Cost of 10 sqm					6030.429	
	Cost of 1 sqm					603.043	
	Add labour cess @ 1%					6.030	
	Rate including labour cess					609.073	
			Say	**Rs.609.10**	**Per sqm**		
11.11.5	**Light shade pigment with ordinary cement**						
	Details of cost for 10 sqm						
	Cost same as per item No. 11.17.1	sqm	10.000	589.40	(11 .17.1)	5894.007	
	Less difference of cost due to using light shade pigment instead of dark shade pigment (Code 0875-Code 0874)	kilogram	5.670	0.000		0.000	(A)
	Add for water charges @ 1 %					58.940	(B)
	Total A+B					58.940	
	Add GST 12% on A+B(multiplying factor 0.1405)					8.28	
	Total					67.22	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					10.083	
	Cost of 10 sqm					5971.311	
	Cost of 1 sqm					597.13114	
	Add labour cess @ 1%					5.970	
	Rate including labour cess					603.101	
			Say	**Rs.603.10**	**Per sqm**		
11.11.6	**Ordinary cement without any pigment**						
	Details of cost for 10 sqm						
	Under layer						
	Same as per item No. 11.11.1 marked 'X'	sqm	1.000	777. 835	(11.11.1-X)	777.835	
	Top layer Marble chips	quintal	1.916	232.681	(0788)	445. 817	
	Carriage of marble chips	cum	0.113	0.000	(2268)	0.000	
	Ordinary cement	tonne	0.081	5474.000	(0367)	443.394	
	Carriage of cement	tonne	0.081	0.000	(2209)	0.000	
	Marble powder	cum	0.017	232.681	(0734)	3.956	
	Labour-						
	Same as per item No. 11.9.1						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Mason 2nd class	per day	1.790	305.000	(0124)	545.950	
	Beldar	per day	1.990	254.000	(0114)	505.460	
	Bhisti	per day	1.040	277.000	(0101)	288.080	
	Beldar for rubbibng and polishing (Special Rate)	per day	1.000	305.000	(0139)	305.000	
	Driver (for Road Roller, Concrete Mixer, Truck etc.)	per day	0.030	323.000	(0127)	9.690	
	Hire charges of Concrete Mixer 0.25 to 0.40 cum with Hopper	per day	0.030	800.000	(0002)	24.000	
	Machine for rubbing of floors	per day	1.600	350.000	(0013)	560.000	
	Sundries	LS	134.550	1.800	(9999)	242.190	
	Total					4151.372	
	Add for water charges @ 1 %					41.514	
	Total					4192.885	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					589.10	
	Total					4781.99	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					717.298	
	Cost of 10 sqm					5499.283	
	Cost of 1 sqm					549.93	
	Add labour cess @ 1%					5.500	
	Rate including labour cess					555.430	
			Say	**Rs.555.40**	**Per sqm**		
11.12	**Marble chips skirling (up to 30 cm height) rubbed and polished to granolithic finish, top layer 6mm thick with white, black, chocolate arey, yellow or green marble chips of sizes from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble poweder mix : 7 marbie chips) by volume**						
11.12.1	**18 mm thick with under layer 12 mm thick in cement plaster 1:3 (1 cement : 3coarse sand).**						
11.12.1.1	**Dark shade pigment with ordinary cement.**						
	Detials of cost for 10 sqm						
	Materials -						
	For under layer of 12 mm thick Cement mortar 1:3 = 0.144 +						
	Extra for rounding =0.03= 0.174	cum	0.174	3246.342	(2112)	564.864	
	Top layer 6 mm thick (same as in item 11.9.1) marked 'H'	sqm	1.000	513.414	(11.9.1-H)	513.414	
	Labour -						
	Mason 2nd class	per day	3.000	305.000	(0124)	915.000	
	Beldar	per day	3.000	254.000	(0114)	762.000	
	Bhisti	per day	1.000	277.000	(0101)	277.000	
	Beldar for rubbing and poolishing (special rate)	per day	7.000	305.000	(0139)	2135.000	
	Sundries	LS	201.890	1.800	(9999)	363.402	
	Total					5530.679	
	Add for water charges @ 1 %					55.307	
	Total					5585.986	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					784.83	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Total					6370.82	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					955.623	
	Cost of 10 sqm					7326.440	
	Cost of 1 sqm					732.644	
	Add labour cess @ 1%					7.330	
	Rate including labour cess					739.974	
			Say	**Rs.740.00**	**Per sqm**		
11.12.2	**21 mm thick with under layer 15 thick cement plaster 1:3(1 cement:3 coarse sand)**						
11.12.2.1	**Dark shade pigment with ordinary cement**						
	Details of cost for 10 sqm						
	Materials-						
	For under layer of 15 mm thick						
	Cement mortar 1:3 = 0.172 cum						
	Extra for rounding = 0.03 cum						
	0.202 cum						
	Top layer 6 mm thick (Same as in item 11.9.1)	cum	0.202	3246.342	(2112)	655.761	(A)
	Marked H	sqm	1.000	513.414	(11.9.1-H)	513.414	
	Labour-						
	Mason 2nd class	per day	3.000	305.000	(0124)	915.000	
	Beldar	per day	3.000	254.000	(0114)	762.000	
	Bhisti	per day	1.000	277.000	(0101)	277.000	
	Beldar for rubbing and polishing (Specialrate)	per day	7.000	305.000	(0139)	2135.000	
	Sundries	1 time	201.890	1.800	(9999)	363.402	
	Add for water charges @ 1 %					56.216	
	Add for contractor's profit and overheads @ 15%					851.669	
	Cost of 10 sqm					6529.462	
	Cost of 1 sqm					652.946	
	Add labour cess @ 1%					6.530	
	Rate including labour cess					659.476	
			Say	**Rs.659.50**	**Per sqm**	**sqm**	
11.12.2.2	**Light shade pigment with white cement**						
	Details of cost for 10 sqm						
	Cost same as per item No. 11.12.2.1	sqm	10.000	652.946	(11.12. 2.1)	6529.462	
	Add difference of cost due to using light shade pigment instead of dark shade pigment (Code 0875-Code 0874)	kilogram	2.840	0.000		0.000	(A)
	Add difference of cost due to using white cement instead of grey cement (Code 0368-Code 0367)	ton	0.041	4950.102		200.479	(A)
	Add for water chargs @ 1% on A					2.005	(B)
	Total A+B					202.484	
	Add GST 12% on A+B(multiplying factor 0.1405)					28.45	
	Total					230.93	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					34.640	
	Cost of 10 sqm					6795.035	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Cost of 1 sqm					679.503	
	Add labour cess @ 1%					6.800	
	Rate including labour cess					686.303	
			Say	**Rs.686.30**	**Per sqm**		
11.12.2.3	**Medium shade pigment with 50 % white cement and 50% ordinary cement**						
	Details of cost 10 sqm						
	Cost same as per item No. 11.12.2.1	sqm	10.000	652.95	(11.12.2.1)	6529.462	
	Add difference of cost due to using medium shade pigment instead of dark shade pigment (Code 0876-Code 0874)	kilogram	2.840	0.000		0.000	(A)
	Add difference of cost due to using 50% white cement instead of grey cement (Code 0368-Code 0367)	ton	0.020	4950.102		100.240	(A)
	Add for water chargs @ 1 % on A					1.002	(B)
	Total A+B					101.242	
	Add GST 12% on A+B(multiplying factor 0.1405)					14.22	
	Total					115.47	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					17.320	
	Cost of 10 sqm					6662.248	
	Cost of 1 sqm					666.225	
	Add labour cess @ 1%					6.660	
	Rate including labour cess					672.885	
			Say	**Rs.672.90**	**Per sqm**		
11.12.2.4	**White cement without any pigment**						
	Details of cost for 10 sqm						
	Under layer						
	Same as per item No. 11.12.2.1 marked A	sqm	1.000	655.76	(11.12.2.1-A)	655.761	
	Top layer						
	Same as per item no. 11.9.4 marked 'B'	sqm	1.000	575.59	(11.9.4-B)	575.588	
	Labour-						
	Same as per item NO. 11.12.2.1						
	Mason 2nd class	per day	3.000	305.00	(124)	915.000	
	Beldar	per day	3.000	254.00	(114)	762.000	
	Bhisti	per day	1.000	277.00	(0101)	277.000	
	Beldar for rubbing and polishing (Speciairate)	per day	7.000	305.00	(0139)	2135.000	
	Sundries	1 time	77.650	1.80	(9999)	139.770	
	Total					5460.119	
	Add for water charges @ 1 %					54.601	
	Total					5514.720	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					774.82	
	Total					6289.54	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					943.431	
	Cost of 10 sqm					7232.969	
	Cost of 1 sqm					723.297	
	Add labour cess @ 1%					7.230	
	Rate including labour cess					730.527	
			Say	**730.50**	**Per sqm**		

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.12.2.5	**Light shade pigment with ordinary cement**					
	Details of cost 10 sqm					
	Cost same as per item No. 11.12.2.1	sqm	10.000	652.95	(11.12.2.1)	6529.462
	Add difference of cost due to using light shade pigment instead of dark shade pigment					
	Cost same as per item No. 11.9.5 marked A	sqm	1.000	0.00	(11.15.5-A)	0.000 (E)
	Add 1% of water charges on E					0.000 (B)
	Total E +B					0.000
	Add GST 12% on (multiplying factor 0.1405)					0.00
	Total					0.00 (Y)
	Add for contractor's profit and overheads @ 15% on Y					0.000
	Cost of 10 sqm					6529.462
	Cost of 1 sqm					652.946
	Add labour cess @ 1%					6.530
	Rate including labour cess					659.476
			Say	**Rs.659.50**	**Per sqm**	
11.12.2.6	**Ordinary cement without any pigment**					
	Details of cost for 10 sqm					
	Rate same as per item No. 11.18.2.1	sqm	10.000	652.95	(11.18.2.1)	6529.462
	Less the cost of diark shade piqmen!					
	Cost same as pre item No. 11.9. 6 marked A	sqm	1.000	212.72	(11.9.6-A)	212.720 (E)
	Add for water chargs @ 1 % on E					2.127 (B)
	Total E +B					214.848
	Add GST 12% on (multiplying factor 0.1405)					30.19
	Total					245.03 (Y)
	Add for contractor's profit and overheads @ 15% on Y					36.755
	Cost of 10 sqm					6811.250
	Cost of 1 sqm					681.125
	Add labour cess @ 1%					6.810
	Rate including labour cess					687.935
			Say	**Rs.687.90**	**Per sqm**	
11.13	**Providing and fixing glass strips in joints of terrazo/cement concrete floors.**					
11.13.1	**40 mm wide and 4 mm thick**					
	Details.of cost for 10 metre length					
	Wiaterials-					
	Glass strips =10 m					
	Add 10% for wastage = 1 m					
	11m	metre	11.000	18.614	(1149)	204.759
	Carriage of glass	1 time	1.050	1.800	(9999)	1.890
	Labour-					
	Mason 2nd class	per day	0.250	305.000	(0124)	76.250
	Beldar	per day	0.250	254.000	(0114)	63.500
	Sundries	LS	13.520	1.800	(9999)	24.336
	Total					370.735
	Add for water charges @ 1 %					3.707
	Total					374.443 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X"(multiplying factor 0.1405)					52.61
	Total					427.05 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					64.058
	Cost of 10 M					491.109
	Cost of 1 M					49.111
	Add labour cess @ 1%					0.490
	Rate including labour cess					49.601
			Say	**Rs.49.60**	**Per sqm**	
11.14	**Extra for laying terrazo flooring on stair case treads not exceeding 30cm in width including cost of forming, nosisng etc.**					
	Details of cost for 10 sqm					
	Labour-					
	Mason 2nd class	per day	0.300	305.000	(0124)	91.500
	Beldar	per day	0.300	254.000	(0114)	76.200
	Coolie	per day	0.300	265.000	(0115)	79.500
	Total					247.200
	Add for water charges @ 1 %					2.472
	Total					249.672 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					35.08
	Total					284.75 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					42.713
	Cost of 10 sqm					327.464
	Cost of 1 sqm					32.746
	Add labour cess @ 1%					0.330
	Rate including labour cess					33.076
			Say	**Rs.33.10**	**Per sqm**	
11.15	**Crazy marble stone flooring, including filling the gaps with light shade pigment with white cement marble powder mixture (3 parts of white cement : 1 part of marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 white, black or white and black marble chips of sizes from 1 mm to 4 mm nominal size by volume), with under layer 25 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size), including rubbing, polishing and cement slurry etc. complete.**					
11.15.1	**18 mm thick crazy marble stone white, black or as specified.**					
	Details of cost for 10 sqm.					
	Under layer 25mm thick of cement					
	Concrete 1:2:4 -10x0.025=0.25 cum					
	Rate as per Item Number 11.7 of SH: Flooring	cum	**0.250**	5286.577	**(11.7)**	1321.644 A
	Cement slurry for subgrade and under large cement					
	Portland Cement	tonne	**0.040**	5474.000	**(0367)**	218.960
	Carriage of cement	tonne	**0.040**	0.000	**(2209)**	0.000
	LABOUR:					
	Labour for applying cement slurry					
	Beldar	day	**0.500**	254.000	(0114)	127.000
	Top layer with marble pieces and gap filling with marble powder mixture					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Marble pieces for crazy flooring						
	Assume 70% of marble stone are and 30% of joint filer/mixture 7sqmx0.02m = 0.14 cum						
	0.872x0.14/0.051 = 2.40q						
	White marble makrana second quality plain veined stone pieces for crazy flooring	quintal	**2.400**	136.816	**(2710)**	328.359	
	White Cement	tonne	**0.041**	10424.102	**(0368)**	422.176	
	Marble dust/ powder	cum	**0.007**	232.681	**(0784)**	1.629	
	Red, chocolate, orange, buff or yellow (red oxide of iron) light shade pigment @ 3.5kg/50kg of cement = 40.5x3.5/50=2.84kg	kg	**2.840**	74.458	**(0875)**	211.460	
	Marble chips up to 4 mm and down size White & black	quintal	**0.872**	158.437	**(0785)**	138.157	
	Carriage of marble dust and/or marble chips	cum	**0.051**	0.000	**(2268)**	0.000	
	Carriage of cement	tonne	**0.041**	0.000	**(2209)**	0.000	
	Carriage of pigment & marble powder.	L.S.	**3.640**	1.800	**(9999)**	6.552	
	Carriage of stone blocks white & red sand stone & kota stone slab	tonne	**0.240**	0.000	**(2216)**	0.000	
	Labour for finishing, polishing and fixing-						
	Mason (brick layer) 1 st class	day	**1.200**	342.000	**(0123)**	410.400	
	Beldar	day	**1.000**	254.000	**(0114)**	254.000	
	Coolie	day	**1.000**	265.000	**(0115)**	265.000	
	Skilled Beldar (for floor rubbing etc.)	day	**5.000**	305.000	**(0139)**	1525.000	
	Sundries including carboranadum etc.	L.S.	**134.550**	1.800	**(9999)**	242.190	
	Bhisti	day	**0.540**	277.000	**(0101)**	149.580	
	Machine for rubbing of floors	day	**4.000**	350.000	**(0013)**	1400.000	
	Total					7022.108	
	Add Water Charges @ 1% except on A					57.005	
	Total					7079.112	(X)
	Add GST 12% on "X"(multiplying factor 0.1405) except on A					994.62	
	Total					8073.73	(Y)
	Add for contractor's profit and overheads @ on "Y" 15% except on' A'					1211.059	
	Cost of 10 sqm					9284.787	
	Cost of 1 sqm					928.479	
	Add labour cess @ 1%					9.280	
	Rate including labour cess					937.759	
			Say	**Rs.937.80**	**Per sqm**		

11.16 Precast terrazo tiles 22 mm thick with marble chips of sizes upto 12 mm laid in floors and landings jointed with neat cement slurry mixed with pigement to match the shade of the tiles; including rubbing and polishing complete with precast tiles on 20 mm thick bed of cement mortar 1:4(1 cement:4 coarse snad)

11.16.1 Light shade using white cement

Details of cost for 10 sqm					
Materials-					
Terrazo tiles including 10% wastage	sqm	11.000	265.26	(1201)	2917.818 (B)
Carriage of tiles	LS	40.430	1.80	(9999)	72.774 (B)
Cement mortar 1:4(1 cement 4 coarse sand)	cum	0.224	2534.72	(2113)	567.778 (B)
Grey cement for slurry @ 4 4 kg/sqm	tonne	0.044	5474.00	(0367)	240.856
White cement for grouting	ton	0.044	10424.10	(0368)	458.660
Carriage of cement	tonne	0.088	0.00	(2209)	0.000

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Light shade pigment	kilogram	3.080	74.46	(0875)	229.330
	Labour and sundries					
	Mason 2nd class	per day	1.600	305.00	(0124)	488.000
	Coolie	**per** day	2.000	265.00	(0115)	530.000
	Beldar for rubbing and polishing	per day	1.000	305.00	(0139)	305.000
	Bhisti	per day	1.000	277.00	(0101)	277.000
	Machine for rubbing of floors	per day	1.600	350.00	(0013)	560.000
	Sundries including carboranaum stone tec.	**1** time	161.980	1.80	(9999)	291.564
	Total					6938.780
	Add for water charges @ 1 %					69.388
	Total					7008.168 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					984.65
	Total					7992.82 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1198.922
	Cost of 10 sqm					9191.738
	Cost of 1 sqm					919.174
	Add labour cess @ 1%					9.190
	Rate including labour cess					928.364
			Say	**Rs.928.40**	**Per sqm**	
1 1.16.2	**Medium shade using 50% white cement and 50% ordinary cement**					
	Details of cost for 10 sqm					
	Materials-					
	Terrazo tiles including 10% wastage	sqm	11.000	246.642	(1202)	2713.059
	Carriage of tiles	LS	40.300	1.800	(9999)	72.540
	Cement mortar 1:4(1 cement:4 coarse sand)	cum	0.224	2534.722	(2113)	567.778
	Grey cement					
	(i) for slurry @ 4.4 kg/sqm = 44 kg					
	(ii) 50% for grouting = 22 kg					
	66 kg or 0.066 tonne	tonne	0.066	5474.000	(0367)	361.284
	50% White cement for grouting	tonne	0.022	10424.102	(0368)	229.330
	Carriage of cement	tonne	0.088	0.000	(2209)	0.000
	Medium shade pigment	kilogram	3.080	74.458	(0876)	229.330
	Labour and sundries					
	Mason 2nd class	per day	1.600	305.000	(0124)	488.000
	Coolie	per day	2.000	265.000	(0115)	530.000
	Beldar for rubbing and polishing	per day	1.000	305.000	(0139)	305.000
	Bhisti	per day	1.000	277.000	(0101)	277.000
	Machine for rubbing of floors	per day	1.600	350.00	(0013)	560.000
	Sundries including carborandum stone tec.	LS	161.980	1.800	(9999)	291.564
	Total					6624.885
	Add for water charges @ 1 %					66.249
	Total					6691.134 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					940.10
	Total					7631.24 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1144.686
	Cost of 10 sqm					8775.924
	Cost of 1 sqm					877.592
	Add labour cess @ 1%					8.780
	Rate including labour cess					886.372
			Say	**Rs.886.40**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.16.3	**Dark shade using ordinary cement**					
	Details of cost for 10 sqm					
	Materials-					
	Terrazo tiles including 10% wastage	sqm	11.000	170.00	(1203)	1870.000
	Carriage of tiles	LS	40.430	1.80	(9999)	72.774
	Cement mortar 1:4(1 cement:4 coarse sand)	cum	0.224	2534.72	(2113)	567.778
	Ordinary cement for					
	(i) Cement slurry @ 4.4 kg/sqm = 44 kg					
	(ii) Grouting = 44 kg					
	88 kg or 0.088 tonne	tonne	0.088	5474.00	(0367)	481.712
	Carriage of cement	tonne	0.088	0.00	(2209)	0.000
	Dark shade pigment	kilogram	3.080	45.54	(0874)	140.266
	Labour					
	Mason 2nd class	per day	1.600	305.00	(0124)	488.000
	Coolie	per day	2.000	265.00	(0115)	530.000
	Beldar for rubbing and polishing	per day	1.000	305.00	(0139)	305.000
	Bhisti	per day	1.000	277.00	(0101)	277.000
	Machine for rubbing of floors	per day	1.600	350.00	(0013)	560.000
	Sundries including carborandum stone tec	LS	161.980	1.80	(9999)	291.564
	Total					5584.094
	Add for **water** charges @ 1 %					55.841
	Total					5639.935 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					792.41
	Total					6432.35 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					964.852
	Cost of 10 sqm					7397.198
	Cost of 1 sqm					739.720
	Add labour cess @ 1%					7.400
	Rate including labour cess					747.120
			Say	**Rs.747.10**	**Per sqm**	
11.16.4	**Ordinary cement without any pigment**					
	Details of cost for 10 sqm					
	Ordinary cement with dark shade pigment (Rate as per item no. 11.29A.3)	sqm	10.000	739.72	(11.16.3)	7397.198
	Less dark shade pigment [3.08+2.84(for tiles)]	kilogram	-5.920	45.54	(0874)	-269.603 (A)
	Add for water charges @ 1 % on A					-2.696 (B)
	Total A+B					7124.899
	Add GST 12% on A(multiplying factor 0.1405)					-37.88
	Total					7087.02 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					-40.440
	Cost of 10 sqm					7046.579
	Cost of 1 sqm					704.658
	Add labour cess @ 1%					7.050
	Rate including labour cess					711.708
			Say	Rs.711.70	Per sqm	
11.17	**Extra if terrazo tiles are laid in treads of steps not exceeding 30 cm in width**					
	Details of cost for 10 sqm					
	Labour-					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Mason 2nd class	per day	0.220	305.00	(0124)	67.10
	Coolie	per day	0.220	265.00	(0115)	58.30
	Beldar for rubbing and polishing (Special rate)	per day	0.650	305.00	(0139)	198.25
	Total					323.65
	Add for water charges @ 1 %					3.24
	Total					326.887 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					45.93
	Total					372.81 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					55.922
	Cost of 10 sqm					428.74
	Cost of 1 sqm					42.87
	Add labour cess @ 1%					0.43
	Rate including labour cess					43.30
			Say	**Rs.43.30**	**Per sqm**	
11.18	**Precast terrazo tiles 22 mm thick with marble chips of sizes upto 12 mm in skirting and risers of steps not exceeding 30 cm in height, on 12 mm thick cement plaster 1:3 (1 cement:3 coarse sand) jointed with neat cement slurry mixed with pigement to match the shade of the tiles, including rubbing and polishing complete with tiles of**					
11.18.1	**Light shade using white cement**					
	Details of cost for 10 sqm					
	Materials-					
	20 mm thick terrazo tiles (light shades) including					
	wastage & breakage	sqm	11.000	265.256	(1201)	2917.82 (B)
	Carriage of tiles	LS	40.430	1.800	(9999)	72.77 (B)
	Cement mortar 1:3 (1 cement:3 coarse sand)	cum	0.144	3246.342	(2112)	467.47 (B)
	White cement for slurry					
	For buttering tiles bed sides=44 kg					
	For grouting = 22 kg					
	66 kg	ton	0.066	10424.102	(0368)	687.99 (B)
	Carriage of cement	tonne	0.066	0.000	(2209)	0.00 (B)
	Light shade pigment 66x3.5/50=4.62 kg	kilogram	4.620	74.458	(0875)	344.00 (B)
	Labour-					
	Mason 2nd class	per day	3.250	305.000	(0124)	991.25 (A)
	Coolie	per day	3.250	265.000	(0115)	861.25 (A)
	Beldar for rubbing and polishing (Special rate)	per day	7.600	305.000	(0139)	2318.00 (A)
	Sundries including carborandum stone and polishing powder etc.	LS	161.460	1.800	(9999)	290.63 (A)
	Total					8951.18
	Add for water charges @ 1 %					89.51
	Total					9040.69 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1270.22
	Total					10310.91 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1546.64
	Cost of 10 sqm					11857.544
	Cost of 1 sqm					1185.754
	Add labour cess @ 1%					11.860
	Rate including labour cess					1197.614
			Say	**Rs.1197.60**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.18.2	**Medium shade using 50% white cement and 50% ordinary cement**					
	Details of cost for 10 sqm					
	Materials-					
	20 mm thick terrazo tiles (medium shades) including wastage & breakage	sqm	11.000	246.64	(1202)	2713.06
	Carriage of tiles	1 time	15.550	1.80	(9999)	27.99
	Cement mortar 1:3 (1 cement.3'coarse sand)	cum	0.144	3246.34	(2112)	467.47
	50% white cement for slurry	ton	0.033	10424.10	(0368)	344.00
	50% grey cement for slurry	tonne	0.033	5474.00	(0367)	180.64
	Carriage of cement	tonne	0.066	0.00	(2209)	0.00
	Medium shade pigment	kilogram	4.620	74.46	(0876)	344.00
	Labour & sundries(Same as in item No. 11. 18.1 marked A)	sqm	1.000	4461.13	(11.18.1-A)	4461.13
	Total					8538.28
	Add for water charges @ 1 %					85.38
	Total					8623.666 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1211.63
	Total					9835.29 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1475.294
	Cost of 10 sqm					11310.58
	Cost of 1 sqm					1131.06
	Add labour cess @ 1%					11.31
	Rate including labour cess					1142.37
			Say	**Rs.1142.40**	**Per sqm**	
11.18.3	**Dark shade using ordinary cement**					
	Details of cost for 10 sqm					
	Materials-					
	20 mm thick terrazo tiles (dark shades) including wastage & breakage	sqm	11.000	228.03	(1203)	2508.30
	Carriage of tiles	LS	40.430	1.80	(9999)	72.77
	Cement mortar 1:3(1 cement:3 coarse sand)	cum	0.144	3246.34	(2112)	467.47
	Grey cement for slurry	tonne	0.066	5474.00	(0367)	361.28
	Carriage of cement	tonne	0.660	0.00	(2209)	0.00
	Dark shade pigment	kilogram	4.620	45.54	(0874)	210.40
	Labour & sundries (Same as in item No. 11.31.1 marked A)	sqm	1.000	4461.13	(11.31.1-A)	4461.13
	Total					8081.36
	Add for water charges @ 1 %					80.81
	Total					8162.172 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1146.79
	Total					9308.96 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1396.344
	Cost of 10 sqm					10705.30
	Cost of 1 sqm					1070.53
	Add labour cess @ 1%					10.71
	Rate including labour cess					1081.24
			Say	**Rs.1081.20**	**Per sqm**	
11.18.4	**Ordinary cement without any pigment**					
	Details of cost for 10 sqm					
	Ordinary cement with dark shade pigment (rate as per item no 11.31.3)	sqm	10.000	1070.53	(11.18.3)	10705.30

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Less dark shade pigment [3.08+2.84(for tiles)]	kiloqram	5.920	45.54	(0874)	269.60 (A)
	Add for water charges @ 1 % on A					2.70 (B)
	Add for contractor's profit and overheads @ 15% on A+B					40.84 (C)
	Cost of 10 sqm					10392.16
	Cost of 1 sqm					1039.22
	Add labour cess @ 1%					10.39
	Rate including labour cess					1049.61
			Say	**Rs.1049.60**	**Per sqm**	
11.19	**Chequered terrazo tiles 22 mm thick with marble chips of sozes upto 6 mm in floors jointed with neat cement.slurry mixed with pigement to match the shade of the tiles, including rubbing and polshing complete on 20 mm thick bed of cement mortar 1:4 (1 cement:4 coarse sand)**					
11.19.1	**Light shade using white cement**					
	Details of cost for 10 sqm					
	Materiais-					
	Terrazo tiles including 10% wastage	sqm	11.000	255.95	(1227)	2815.44 (B)
	Carriage of tiles	LS	40.430	1.80	(9999)	72.77 (B)
	Cement mortar 1:4(1 cement:4 coarse sand)	cum	0.224	2534.72	(2113)	567.78 (B)
	Grey cement for slurry @ 4.4 kg/sqm	tonne	0.044	5474.00	(0367)	240.86
	White cement for grouting	ton	0.044	10424.10	(0368)	458.66
	Carriage of cement	tonne	0.088	0.00	(2209)	0.00
	Light shade pigment	kilogram	3.080	74.46	(0875)	229.33
	Labour and sundries					
	Mason 2nd class	per day	1.600	305.00	(0124)	488.00
	Coolie	per day	2.000	265.00	(0115)	530.00
	Beldar for rubbing and polishing	per day	1.000	305.00	(0139)	305.00
	Bhisti	per day	1.000	277.00	(0101)	277.00
	Machine for rubbing of floors	per day	1.600	350.00	(0013)	560.000
	Sundries induding carborandum stone tec.	LS	161.980	1.80	(9999)	291.56
	Total					6836.40
	Add for water charges @ 1%					68.36
	Total					6904.765 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					970.12
	Total					7874.88 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1181.233
	Cost of 10 sqm					9056.12
	Cost of 1 sqm					905.61
	Add labour cess @ 1%					9.06
	Rate including labour cess					914.672
			Say	**Rs.914.70**	**Per sqm**	
11.19.2	**Medium shade using 50% white cement and 50% ordinary cement**					
	Details of cost for 10 sqm					
	Materials-					
	Terrazo tiles including 10% wastage	sqm	11.000	279.22	(1228)	3071.387
	Carriage of tiles	LS	40.430	1.80	(9999)	72.774
	Cement mortar 1:4(1 cement.4 coarse sand)	cum	0.224	2534.72	(2113)	567.778
	Grey cement					
	(i) for slurry @ 4.4 kg/sqm = 44 kg					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	(ii) 50% for grouting = 22 kg					
	66 kg or 0.066 tonne	tonne	0.066	5474.000	(0367)	361.284
	50% White cement for grouting	ton	0.022	10424.102	(036S)	229.330
	Carriage of cement	tonne	0.088	0.000	(2209)	0.000
	Medium shade pigment	kilogram	3.080	74.458	(0876)	229.330
	Labour and sundries					
	Mason 2nd class	per oay	1.600	305.000	(0124)	488.000
	Coolie	per day	2.000	265.000	(0115)	530.000
	Beldar for rubbing and polishing	per day	1.000	305.000	(0139)	305.000
	Bhisti	per day	1.000	277.000	(0101)	277.000
	Machine for rubbing of floors	per day	1.600	350.00	(0013)	560.000
	Sundries including carborandum stone tec.	LS	161.980	1.800	(9999)	291.564
	Total					6983.448
	Add for water charges @ 1 %					69.834
	Total					7053.282 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					990.99
	Total					8044.27 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1206.640
	Cost of 10 sqm					9250.908
	Cost of 1 sqm					925.091
	Add labour cess @ 1%					9.250
	Rate including labour cess					934.341
			Say	**Rs.934.30**	**Per sqm**	
11.19.3	**Dark shade using ordinary cement**					
	Details of cost for 10 sqm					
	Materials-Terrazo tiles including 10% wastage	sqm	11.000	241.99	(1229)	2661.87
	Carriage of tiles	**LS**	40.430	1.80	(9999)	72.77
	Cement mortar 1:4(1 cement:4 coarse sand)	cum	0.224	2534.72	(2113)	567.78
	Ordinary cement for					
	(i) Cement slurry @ 4.4 kg/sqm = *A4* kg					
	(ii) Grouting = 44 kg					
	88 kg or 0.088 tonne	tonne	0.088	5474.00	(0367)	481.71
	Carriage of cement	tonne	0.088	0.00	(2209)	0.00
	Dark shade pigment	kilogram	3.080	45.54	(0874)	140.27
	Labour & sundries					
	Mason 2nd dass	per day	1.600	305.00	(0124)	488.00
	Coolie	per day	2.000	265.00	(0115)	530.00
	Beldar for rubbing and polishing	per day	1.000	305.00	(0139)	305.00
	Bhisti	per day	1.000	277.00	(0101)	277.00
	Machine for rubbing of floors	per day	1.600	350.00	(0013)	560.000
	Sundries including carborandum stone tec.	LS	161.980	1.80	(9999)	291.56
	Total					6375.96
	Add for water charges @ 1 %					63.76
	Total					6439.723 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					904.78
	Total					7344.50 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1101.676
	Cost of 10 sqm					8446.18
	Cost of 1 sqm					844.62
	Add labour cess @ 1%					8.45
	Rate including labour cess					853.07
			Say	**Rs.853.10**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
11.19.4	**Ordinary cement without pigment**						
	Details of cost for 10 sqm						
	Ordinary cement with dark shade pigment (Rate as per item no. 11.34A.3)	sqm	10.000	844.62	(11.19.3)	8446.18	
	Less dark shade pigment [3.08+2.84(for tiles)]	kilogram	5.920	45.54	(0874)	269.60	(A)
	Add for water charges @ 1 % on A					2.70	(B)
	Total A+B					272.30	
	Add GST 12% on A+B(multiplying factor 0.1405)					38.26	
	Total					310.56	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					46.58	
	Cost of 10 sqm					8803.32	
	Cost of 1 sqm					880.33	
	Add labour cess @ 1%					8.80	
	Rate including labour cess					889.13	
			Say	**Rs.889.10**	**Per sqm**		
11.20	**Chequerred precast cement concrete tiles 22 mm thick with marble chips of size 6 mm in footpath & coutyard jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and cleaning tec. Complete on 20 mm thick bed of cement mortar 1:4(1 cement:4 coarse sand)**						
11.20.1	**Light shade using white cement**						
	Details of cost for 10 sqm						
	Materials:						
	Chequerred c.c. tiles including 10% wastage	sqm	11.00	335.06	(7070)	3685.66	
	Carriage of tiles	LS	40.43	1.80	(9999)	72.77	
	Cement mortar 1:4(1 cement:4 coarse sand)	cum	0.22	2534.72	(2113)	557.64	
	Grey cement slurry @ 4.4 kg/sqm	tonne	0.04	5474.00	(0367)	240.86	
	White cement for grouting	ton	0.05	10424.10	(0368)	500.36	
	Carriage of cement	tonne	0.09	0.00	(2209)	0.00	
	Light shade pigment	kilogram	3.08	74.46	(0875)	229.33	
	Labour and sundries						
	Mason 2nd class	per day	1.60	305.00	(0124)	488.00	
	Coolie	per day	2.00	265.00	(0115)	530.00	
	Beldar for rubbing and polshing (special rate)	per day	1.00	305.00	(0139)	305.00	
	Bhisti	per day	1.00	277.00	(0101)	277.00	
	Sundries including carborandum stone tec.	1 time	162.69	1.80	(9999)	292.84	
	Total					7179.46	
	Add for water charges @ 1 %					71.79	
	Total					7251.26	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1018.80	
	Total					8270.06	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1240.51	
	Cost of 10 sqm					9510.57	
	Cost of 1 sqm					951.06	
	Add labour cess @ 1%					9.51	
	Rate including labour cess					960.57	
			Say	**Rs.960.60**	**Per sqm**		
11.20.2	**Medium shade using 50% white cement 50% grey** cement						
	Details of cost for 10 sqm						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Materials:					
	Chequerred c.c. tiles including 10% wastage	sqm	11.000	325.753	(7237)	3583.285
	Carriage of tiles	LS	40.430	1.800	(9999)	72.774
	Cement mortar 1:4 (1 cement:4 sand)	cum	0.220	2534.722	(2113)	557.639
	Grey cement for slurry @ 4.4 kg/sqm =44 kg					
	Grey cement for grouting 2.4 kg/sqm =24 kg					
	68 kg	tonne	0.068	5474.000	(0367)	372.232
	White cement for grouting @ 2.4 kg/sqm =24 kg	ton	0.024	10424.102	(0368)	250.178
	Carriage of cement	tonne	0.092	0.000	(2209)	0.000
	Light shade pigment	kilogram	3.080	74.458	(0876)	229.330
	Labour and sundries					
	Mason 2nd class	per day	1.600	305.000	(0124)	488.000
	Coolie	per day	2.000	265.000	(0115)	530.000
	Beldar for rubbing and polshing (speciai rate)	per di:y	1.000	305.000	(0139)	305.000
	Bhisti	per day	1.000	277.000	(0101)	277.000
	Sundries including carborandum stone tec.	LS	67.300	1.800	(9999)	121.140
	Total					6786.579
	Add for water charges @ 1 %					67.866
	Total					6854.444
	Add GST 12% on "X"(multiplying factor 0.1405)					963.05
	Total					7817.49 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1172.624
	Cost of 10 sqm					8990.118
	Cost of 1 sqm					899.012
	Add labour cess @ 1%					8.990
	Rate including labour cess					908.002
			Say	**Rs.908.00**	**Per sqm**	
11.20.3	**Dark shade using ordinary cement**					
	Details of cost for 10 sqm					
	Materials:					
	Chequerred c.c. tiles includidng 10% wastage	sqm	11.000	218.720	(7236)	2405.920
	Carriage of tiles	LS	40.430	1.800	(9999)	72.774
	Cement mortar 1:4(1 cement:4 coarse sand)	cum	0.220	2534.722	(2113)	557.639
	Grey cement					
	For slurry @ 4.4 kg/sqm =44 kg					
	For grouting =48 kg					
	92 kg say 0.092	tonne	0.092	5474.000	(0367)	503.608
	Carriage of cement	tonne	0.092	0.000	(2209)	0.000
	Dark shade pigment	kilogram	3.080	45.541	(0874)	140.266
	Labour and sundries					
	Mason 2nd class	per day	1.600	305.000	(0124)	488.000
	Coolie	per day	2.000	265.000	(0115)	530.000
	Beldar for rubbing and polshing (speciai rate)	per day	1.000	305.000	(0139)	305.000
	Bhisti	per day	1.000	277.000	(0101)	277.000
	Sundries including carborandum stone tec.	LS	67.300	1.80	(9999)	121.140
	Total					5401.347
	Add for water charges @ 1 %					54.013
	Total					5455.361 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					766.48
	Total					6221.84 (Y)
	Add for contractor's profit and overheads @ 15%					933.276
	Cost of 10 sqm					7155.115
	Cost of 1 sqm					715.511

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add labour cess @ 1%					7.160
	Rate including labour cess					722.671
			Say	**Rs.722.70**	**Per sqm**	
11.20.4	**Ordinary cement without any pigments**					
	Details of cost for 10 sqm					
	Materials:					
	Ordinary cement with dark shade pigments(Rate as per item no. 11.20.3)	sqm	10.000	715.511	(11.20.3)	7155.115
	Less dark sheet pigments	kilogram	5.920	45.541	(0874)	269.603 (A)
	Add for water charges @ 1 % on A					2.696 (B)
	Total					272.299
	Add GST 12% on "X"(multiplying factor 0.1405)					38.26
	Total					310.56 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					46.584
	Cost of 10 sqm					7512.255
	Cost of 1 sqm					751.225
	Add labour cess @ 1%					7.510
	Rate including labour cess					758.735
			Say	**Rs.758.70**	**Per sqm**	
11.21	**Providing and fixing 10 mm thick acid and / or alkali resistant tiles of approved make and colour using acid and / or alkali resisting mortar bedding, and joints filled with acid and / or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in-Charge.**					
11.21.1	**In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand).**					
11.21.1.1	**Acid and alkali resistant tile.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Acid proof tiles of size 300x300mm, 10mm thick =11.11 Nos+					
	Add wastage and breakage @ 2.5% = 0.28 Nos.					
	Total = 11.39 Nos. Say 12 Nos					
	Acid and alkali resistant tiles 300x300 mm size, 10 mm thick	10 Nos	**12.000**	418.83	**(7077)**	502.591
	Carriage	L.S.	**6.240**	1.80	**(9999)**	11.232
	10mm thick cement motar 1:4 (1 Cement: 4 Coarse sand)					
	Rate as per Item Number 2113of SH: Mortars	cum	**0.012**	2534.72	**(2113)**	30.417
	Mortar for pointing in acid/ alkali resistant cement	L.S.	**40.430**	1.80	**(9999)**	72.774
	Cement for slurry over bed @ 3.3kg per sqm					
	Portland Cement	tonne	**0.003**	5474.00	**(0367)**	18.064
	Difference of cost for using acid proof cement instead of ordinary cement					
	Acid Proof cement	tonne	**0.008**	7585.40	**(7024)**	59.925
	Deduct					
	Portland Cement	tonne	**-0.008**	5474.00	**(0367)**	-43.245
	LABOUR:					
	Mason (brick layer) 1 st class	day	**0.200**	342.00	**(0123)**	68.400
	Coolie	day	**0.200**	265.00	**(0115)**	53.000
	Sundries including carriage of cement etc.	L.S.	**26.910**	1.80	**(9999)**	48.438

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	TOTAL					821.596
	Add Water Charges @ 1%					8.216
	TOTAL					829.811 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					116.59
	Total					946.40 (Y)
	Add CPOH @ 15%					141.960
	Cost of 1 sqm					1088.360
	Add labour cess @ 1%					10.880
	Rate including labour cess					1099.240
			Say	**Rs.1099.20**	**Per sqm**	
11.21.2	**In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)**					
11.21.2.1	**Acid and alkali resistant tile.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Acid proof tiles of size 300x300mm, 10mm thick = 11.11Nos.+					
	Add wastage and breakage @ 2.5% = 0.28 Nos.					
	Total = 11.39 Nos. Say 12 Nos					
	Acid and alkali resistant tiles 300x300 mm size, 10 mm thick	10 Nos	**12.000**	418.826	**(7077)**	502.591
	Carriage	L.S.	**6.240**	1.800	**(9999)**	11.232
	10mm thick cement motar 1:4 (1 Cement: 4 Coarse sand)					
	Rate as per Item Number 2113of SH: Mortars	cum	**0.014**	2534.722	**(2113)**	35.486
	Difference of cost for using acid proof cement instead of ordinary cement					
	Acid Proof cement	tonne	**0.0086**	7585.396	**(7024)**	65.234
	Deduct					
	Portland Cement	tonne	**-0.0086**	5474.000	**(0367)**	-47.076
	Mortar for pointing in acid proof cement	LS	**40.4300**	1.800	**(9999)**	72.774
	Acid proof cementfor slurry over plaster 3.3kg/sqm					
	Acid Proof cement	tonne	**0.0033**	7585.396	**(7024)**	25.032
	LABOUR:					
	Mason (brick layer) 1 st class	day	**0.250**	342.000	**(0123)**	85.500
	Coolie	day	**0.250**	265.000	**(0115)**	66.250
	Sundries including carriage of cement etc.	L.S.	**26.910**	1.800	**(9999)**	48.438
	TOTAL					865.461
	Add Water Charges @ 1%					8.655
	TOTAL					874.115 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					122.81
	Total					996.93 (Y)
	Add CPOH @ 15%					149.539
	Cost of 1 sqm					1146.468
	Add labour cess @ 1%					11.460
	Rate including labour cess					1157.928
			Say	**Rs.1157.90**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.36	**Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (Thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy , bottle green , black of any size as approved by Engineer-in-charge in skirting , risers of steps and dados ever 12 mm thick bed of cement Motar 1:3(1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing tn white cement mixed with pigment of matching shade complete.**					
	Details of cost of ceramic glazed tiles in skirting , risers of steps & dados for 1 sqm					
	Materials :					
	5 mm thick ceramic glazed tiles = 1.00 sqm					
	Add wastage = 0.05 sqm					
	1.05 sqm.	sqm	1.050	195.452	(7800)	205.225
	Carriage of tiles	Ls	6.240	1.800	(9999)	11.232
	12 mm thick CM. 1:3 (1 cement: 3 coarse sand)	cum	0.014	3246.342	(2112)	45.449
	mortar for pointing in white cement	LS	40.430	1.800	(9999)	72.774
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.000	(0367)	18.064
	Labour					
	Mason 1st class	per day	0.250	342.000	(0123)	85.500
	Coolie	per day	0.250	265.000	(0115)	66.250
	sundries including carriage of cement etc	LS	26.910	1.800	(9999)	48.438
	Add for water charge @ 1 %					5.529
	Total					558.461 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					78.46
	Total					636.92 (Y)
	Add for OH & CP @ 15 %					95.539
	Cost of 1 sqm					732.463
	Add labour cess @ 1%					7.320
	Rate including labour cess					739.783
			Say	**Rs.739.80**	**Per sqm**	
11.37	**Providing and laying Ceramic glazed floor tiies 300x300 mm (thickness to be specified by the manufacturer) of ist quality conforming to IS : 15622 of approved make in colours such as white . Ivory , Grey , Fume Red , Brown , laid on 20 mm thick Cement motar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc.. complete.**					
	Details of cost of ceramic glazed tiles for flooring for 1 sqm area.					
	Materials :					
	10 mm thick ceramic glazed tiles = 1.00 sqm					
	Add wastage = 0.05 sqm					
	1.05 sqm.	sqm	1.050	195.452	(7801)	205.225
	Carriage of tiles	Ls	6.240	1.800	(9999)	11.232
	20 mm thick CM. 1:4 (1 cement 4 coarse sand)	cum	0.024	2534.722	(2113)	60.833
	mortar for pointing in white cement	LS	20.200	1.800	(9999)	36.360
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.000	(0367)	18.064
	Labour:					
	Mason 1 st dass	per day	0.200	342.000	(0123)	68.400
	Coolie	per day	0.200	265.000	(0115)	53.000
	sundries including carriage of cement etc	**LS**	26.910	1.800	(9999)	48.438
	Add for water charge @ 1 %					5.016
	Total					506.568 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					71.17
	Total					577.74 (Y)
	Add for OH & CP @ 15 %					86.661

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 sqm					664.401
	Add labour cess @ 1%					6.640
	Rate including labour cess					671.041
			Say	**Rs.671.00**	**Per sqm**	
11.37A	**Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.**					
	Detail of Cost for 1.00 Sqm					
	Material					
7801	Glazed Ceramic Floor Tile = 1.00 Sqm					
	Add for wastage and breakage @2.5%					
	= 0.025 Sqm =1.025 Sqm	sqm	1.03	195.45	(7801)	200.34
9999	Carriage of Tiles	L.S.	6.24	1.80	(9999)	11.23
3.8	Cement mortar 1:3 (1 Cement:					
	3 Coarse Sand)	cum	0.01	3246.34	(3.8)	45.45
9999	Mortar for pointing in white cement	L.S.	3.64	1.80	(9999)	6.55
367	Cement for slurry over bed @3.3 Kg/Sqm	tonne	0.00	5474.00	(0367)	18.06
	Labour					
123	Mason 1st Class	day	0.25	342.00	(0123)	85.50
115	Coolie	day	0.25	265.00	(0115)	66.25
9999	Sundries includding carriage of Cement etc	L.S.	26.91	1.80	(9999)	48.44
	Total					481.82
	Add Water Charges @1%					4.82
	Total					486.641 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					68.37
	Total					555.01 (Y)
	Add for OH & CP @ 15 %					83.252
	Cost 1 sqm					638.27
	Add labour cess @ 1%					6.380
	Rate including labour cess					644.65
			Say	**Rs.644.60**	**Per sqm**	
11.38	**Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of ist quality conforming to IS : 15622 of approved make in colours such shades except white . Ivory , Grey , Fume Red , Brown . laid on 20 mm thic k Cement motar 1:4 (1 cement: 4 coarse sand) including pointing the joints with white cement and matching pigment etc.. complete.**					
	Details of cost of ceramic glazed tiles for flooring					
	for 1 sqm area.					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Materials :					
	10 mm thick ceramic glazed tiles = 1.00 sqm					
	Add wastage = 0.05 sqm					
	1.05 sqm.	sqm	1.050	241.988	(7802)	254.087
	Carriage of tiles	LS	6.240	1.800	(9999)	11.232
	20 mm thick CM. 1:4 (1 cement: 4 coarse sand)	cum	0.024	2534.722	(2113)	60.833
	mortar for pointing in white cement	LS	20.200	1.800	(9999)	36.360
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.000	(0367)	18.064
	Labour:					
	Mason 1st class	per day	0.200	342.000	(0123)	68.400
	Coolie	per day	0.200	265.000	(0115)	53.000
	sundries including carriage of cement etc	LS	26.910	1.800	(9999)	48.438
	total					550.415
	Add for water charge @ 1%					5.504
	total					555.919 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					78.11
	Total					634.03 (Y)
	Add for OH & CP @ 15 %					95.104
	Cost of 1 sqm					729.130
	Add labour cess @ 1%					7.290
	Rate including labour cess					736.420
			Say	**Rs.736.40**	**Per sqm**	
11.39	**Providing and laying Ceramic glazed floor tiles (400x400) mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 13755 of approved make make in colours such as white , Ivory . Grey . Fume , Red , Brown , laid on 20 mm thick cement motar 1:4(1 cement: 4 Coarse sand) including grouting the joints with white cement and matching pigments etc, complete. Details of cost of ceramic glazed tiles for flooring for 1 sqm area .**					
	Materials :					
	10 mm thick ceramic glazed tiles = 1.00 sqm					
	Add wastage = 0.05 sqm					
	1.05 sqm.	sqm	1.050	310.862	(7803)	326.405
	20 mm thick CM. 1:4 (1 cement: 4 coarse sand) '	cum	0.024	2534.722	(2113)	60.833
	mortar for pointing in white cement	1 time	15.550	1.800	(9999)	27.990
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.000	(0367)	18.064
	Labour:					
	Mason 1st class	per day	0.700	342.000	(0123)	239.400
	Coolie	per day	0.700	265.000	(0115)	185.500
	sundries including carriage of cement etc	1 time	10.350	1.800	(9999)	18.630
	Add for water charge @ 1 %					8.768
						885.590 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					124.43
	Total					1010.02 (Y)
	Add for OH&CP@15%					151.502
	Cost of 1 sqm					1161.518
	Add labour cess @ 1%					11.620
	Rate including labour cess					1173.138
			Say	**Rs.1173.10**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.40.	**Providing and laying Ceramic glazed floor tiles 400x400 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 13755 of approved make in colours exept white . Ivory , Grey , Fume , Red , Brown , laid on 20 mm thick cement mota r 1:4 (1 cement: 4 Coarse sand) including grouting the joints with white cement and matching pigments etc. complete. Details of cost of ceramic glazed tiles for flooring for 1 sqm area .**					
	Materials:					
	10 mm thick ceramic glazed tiles = 1.00 sqm Add wastage = 0.05 sqm 1.05 sqm.	sqm	1.050	372.289	(7804)	390.904
	20 mm thick CM. 1:4 (1 cement: 4 coarse sand)	cum	0.024	2534.722	(2113)	60.833
	mortar for pointing in white cement	1 time	15.550	1.800	(9999)	27.990
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.000	(0367)	18.064
	Labour:					
	Mason 1 st class	per day	0.700	342.000	(0123)	239.400
	Coolie	per day	0.700	265.000	(0115)	185.500
	sundries including carriage of cement etc	1 time	10.350	1.800	(9999)	18.630
	Add for water charge @ 1 %					9.413
						950.735
	Add GST 12% on "X"(multiplying factor 0.1405)					133.58
	Total					1084.31 (Y)
	Add for OH & CP @ 15 %					162.647
	Cost of 1 sqm					1246.960
	Add labour cess @ 1%					12.470
	Rate including labour cess					1259.430
			Say	**Rs.1259.40**	**Per sqm**	
11.41	**Providing and laying vitrifed floor tiles in different sizes (thickness to be specified by the manufactruer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement: 4 coarse sand) including grouting the joint with white cement and matching pigments etc.. complete.**					
1 1.41.1	**Size of Tile 50x50 cm.**					
	Details of cost of porcelain tiles for flooring with tile of prescribed size for 1 sqm area.					
	Materials :					
	10 mm thick ceramic glazed tiles = 1.00 sqm Add wastage = 0.05 sqm 1.05 sqm.	sqm	1.050	456.05	(8620)	478.86
	20 mm thick *CM.* 1:4 (1 cement: 4 coarse sand)	cum	0.024	2534.72	(2113)	60.83
	mortar for pointing in white cement	1 time	15.550	1.80	(9999)	27.99
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.00	(0367)	18.06
	Labour:					
	Mason 1st class	per day	0.700	342.00	(0123)	239.40
	Coolie	per day	0.700	265.00	(0115)	185.50
	sundries including carriage of cement etc	1 time	10.350	1.80	(9999)	18.63
	Total					1029.27
	Add for water charge @ 1 %					10.29
	Total					1039.57 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					146.06
	Total					1185.63 (Y)
	Add for OH & CP@15% on "Y"					177.84
	Cost of 1 sqm					1363.47

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add labour cess @ 1%					13.63
	Rate including labour cess					1377.10
			Say	**Rs.1377.10**	**Per sqm**	
1 1.41.2	**Size of Tile 60x60 cm.**					
	Details of cost of porcelain tiles for flooring with tile of prescribed size for 1 sqm area.					
	Materials :					
	10 mm thick ceramic glazed tiles = 1.00 sqm					
	Add wastage = 0.05 sqm					
	1.05 sqm.	sqm	1.050	558.43	(8621)	586.356
	20 mm thick *CM.* 1:4 (1 cement: 4 coarse sand)	cum	0.024	2534.722	(2113)	60.833
	mortar for pointing in white cement	1 time	15.550	1.800	(9999)	27.990
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.000	(0367)	18.064
	Labour:					
	Mason 1st class	per day	0.700	342.000	(0123)	239.400
	Coolie	per day	0.700	265.000	(0115)	185.500
	sundries including carriage of cement etc	1 time	10.350	1.800	(9999)	18.630
	Total					1136.773
	Add for water charge @ 1 %					11.368
	Total					1148.141 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					161.31
	Total					1309.45 (Y)
	Add for OH & CP@15%					196.418
	Cost of 1 sqm					1505.873
	Add labour cess @ 1%					15.06
	Rate including labour cess					1520.93
			Say	**Rs.1520.90**	**Per sqm**	
1 1.41.3	**Size of Tile 80x80 cm.**					
	Details of cost of porcelain tiles for flooring with tile of prescribed size for 1 sqm area.					
	Materials :					
	10 mm thick ceramic glazed tiles = 1.00 sqm					
	Add wastage = 0.05 sqm					
	1.05 sqm.	sqm	1.050	791.11	(8622)	830.671
	20 mm thick *CM.* 1:4 (1 cement: 4 coarse sand)	cum	0.024	2534.722	(2113)	60.833
	mortar for pointing in white cement	1 time	15.550	1.800	(9999)	27.990
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.000	(0367)	18.064
	Labour:					
	Mason 1st class	per day	0.700	342.000	(0123)	239.400
	Coolie	per day	0.700	265.000	(0115)	185.500
	sundries including carriage of cement etc	1 time	10.350	1.800	(9999)	18.630
	Total					1381.088
	Add for water charge @ 1 %					13.811
	Total					1394.899 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					195.98
	Total					1590.88 (Y)
	Add for OH & CP@15%					238.632
	Cost of 1 sqm					1829.515
	Add labour cess @ 1%					18.30
	Rate including labour cess					1847.81
			Say	**Rs.1847.80**	**Per sqm**	
1 1.41.4	**Size of Tile 100x100 cm.**					
	Details of cost of porcelain tiles for flooring with tile					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	of prescribed size for 1 sqm area.					
	Materials :					
	10 mm thick ceramic glazed tiles = 1.00 sqm					
	Add wastage = 0.05 sqm					
	1.05 sqm.	sqm	1.050	1293.71	(8623)	1358.391
	20 mm thick *CM.* 1:4 (1 cement: 4 coarse sand)	cum	0.024	2534.722	(2113)	60.833
	mortar for pointing in white cement	1 time	15.550	1.800	(9999)	27.990
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.000	(0367)	18.064
	Labour:					
	Mason 1st class	per day	0.700	342.000	(0123)	239.400
	Coolie	per day	0.700	265.000	(0115)	185.500
	sundries including carriage of cement etc	1 time	10.350	1.800	(9999)	18.630
	Total					1908.808
	Add for water charge @ 1 %					19.088
	Total					1927.896 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					270.87
	Total					2198.77 (Y)
	Add for OH & CP@15%					329.815
	Cost of 1 sqm					2528.581
	Add labour cess @ 1%					25.29
	Rate including labour cess					2553.87
			Say	**Rs.2553.90**	**Per sqm**	
11.22	**Tile work in skirting, risers of steps and dado(upto 2m height) over 12 mm thick bed of cement mortar 1:3(1 cement;3 coarse sand) and jointed with grey cement slurry© 3.3 kg/sqm including pointing in .white cement mixed with pigment of matching shade complete.**					
11.22.1	**Marble tiles (polished) Raj nagar**					
11.22.1.1	**8 mm thick**					
	Details of cost for 1 sqm					
	Materials:-					
	8 mm thick marble tiles (polished) Raj nagar including wastage	sqm	1.061	351.81	(2751)	373.27 (A)
	Carriage of tiles	LS	3.900	1.80	(9999)	7.02 (A)
	12 mm thick cement mortar 1:3 (1 cement:3 coarse snad)	cum	0.014	3246.34	(2112)	45.45 (A)
	Mortar for pointing in white cement	LS	25.350	1.80	(9999)	45.63 (A)
	Cement for slurry @ 3.3 kg/sqm	tonne	0.003	5474.00	(0367)	18.06 (A)
	Pigment	LS	2.060	1.80	(9999)	3.71 (A)
	Labour:					
	Mason 1st class	per day	0.770	342.00	(0123)	263.34 (A)
	Coolie	per day	0.770	265.00	(0115)	204.05 (A)
	Sundries including carnage of cement etc.	LS	16.900	1.80	(9999)	30.42 (A)
	Total					990.955
	Add for water charge @ 1 %					9.910
	Total					1000.865 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					140.62
	Total					1141.49 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					171.22
	Cost of 1 sqm					1312.71
	Add labour cess @ 1%					13.13
	Rate including labour cess					1325.84
			Say	**Rs.1325.80**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.23	**Marble stone flooring with 18 mm thick marble stone (sample of marble shall be approved by Engineer-in-charge) over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with:**					
11.23.1	**Makrana white second quality.**					
	Details of cost for 10 sqm					
	Materials-					
	18 mm thick marble slab=10.00 sqm					
	Add for wastage 15% = 1.50 sqm=					
	11.50 sqm					
	White marble slab Makrana second quality					
	plain veined 18 mm thick	sqrn	11.500	1396.085	(6001)	16054.979
	Base mortar 1:4 (1 Cement: 4 coarse sand)					
	Rate as per Item Number 2113 of SH:	cum	0.224	2534.722	(2113)	567.778
	Mortars					
	Cement for slurry @ 4.4. kg/sqm					
	for bedding =44.00 kg					
	for jointing =6.00 kg					
	50.00 kg	tonne	0.050	5474.000	(0367)	273.700
	Carriage of marble slab	LS	26.910	1.800	(9999)	48.438
	Labour-					
	(For finishing,polishing and fixing)					
	Mason 1st class	per day	1.200	342.000	(0123)	410.400 (A)
	Beldar	per day	1.000	254.000	(0114)	254.000 (A)
	Coolie	per day	1.000	265.000	(0115)	265.000 (A)
	Beldar for rubbing & polishing (special work)	per day	5.000	305.000	(0139)	1525.000 (A)
	Machine for rubbing floor	Per day	4.000	350.000	(0013)	1400.000 (A)
	Sundries and carriage of cement etc.	LS	134.550	1.800	(9999)	242.190 (A)
	Total					21041.485
	Add for water charge @ 1 %					210.415
	Total					21251.899 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					2985.89
	Total					24237.79 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					3635.67
	Cost of-10 sqm					27873.460
	Cost of 1 sqm					2787.346
	Add labour cess @ 1%					27.870
	Rate including labour cess					2815.216
			Say	**Rs.2815.20**	**Per sqm**	
11.23.2	**Rajnagar plain white marble 18mm thick above**					
	0.10 sqm upto 0.20 sqm					
	Details of cost for 10 sqm					
	Materials-					
	18 mm thick marble slab=10.00 sqm					
	Add for wastage 15% = 1.50 sqm=					
	11.50 sqm	sqm	11.500	558.434	(7452)	6421.991
	Base mortar lime 1:1:1(1 lime putty:1 Surkhi:1					
	Coarse sand) or 1:4(1 Cement:4 Coarse sand)	cum	0.224	2534.722	(2113)	567.778

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	C ement for slurry @ 4.4. kg/sqm for bedding =44.00 kg for jointing =6.00 kg						
	50.00 kg	tonne	0.050	5474.000	(0367)	273.700	
	Carriage of marble slab	LS	26.910	1.800	(9999)	48.438	
	Labour- (For finishing,polishing and fixing)						
	Mason 1st class	per day	1.200	342.000	(0123)	410.400	(A)
	Beldar	per day	1.000	254.000	(0114)	254.000	(A)
	Coolie	per day	1.000	265.000	(0115)	265.000	(A)
	Beldar for rubbing & polishing (special work)	per day	5.000	305.000	(0139)	1525.000	(A)
	Machine for rubbing floor	Per day	4.000	350.000	(013)	1400.000	(A)
	Sundries and carriage of cement etc.	1 time	134.550	1.800	(9999)	242.190	(A)
	Total					11408.497	
	Add for water charge @ 1 %					114.085	
	Total					11522.582	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1618.92	
	Total					13141.51	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1971.23	
	Cost of-10 sqm					15112.731	
	Cost of 1 sqm					1511.273	
	Add labour cess @ 1%					15.110	
	Rate including labour cess					1526.383	
			Say	**Rs.1526.40**	**Per sqm**		
11.23.2.1	**Rajnagar plain white marble 18mm thick above**						
	0.20 sqm upto 0.50 sqm Details of cost for 10 sqm Materials- 18 mm thick marble slab=10.00 sqm Add for wastage 15% = 1.50 sqm						
	11.50 sqm	sqm	11.500	651.506	(7453)	7492.323	
	Base mortar lime 1:1:1(1 lime putty:1 Surkhi:1						
	Coarse sand) or 1:4(1 Cement 4 Coarse sand)	cum	0.224	2534.722	(2113)	567.778	
	Cement for slurry @ 4.4. kg/sqm for bedding =44.00 kg for jointing =6.00 kg						
	50.00 kg	tonne	0.050	5474.000	(0367)	273.700	
	Carriage of marble slab	Ls	26.910	1.800	(9999)	48.438	
	Labour - (For finishing,polishing and fixing)						
	Mason 1 st class	per day	1.200	342.000	(0123)	410.400	(A)
	Beldar	per day	1.000	254.000	(0114)	254.000	(A)
	Coolie	per day	1.000	265.000	(0115)	265.000	(A)
	Beldar for rubbing & polishing (special work)	per day	5.000	305.000	(0139)	1525.000	(A)
	Machine	Per day	4.000	350.000	(0013)	1400.000	(A)
	Sundries and carriage of cement etc.	1 time	134.550	1.800	(9999)	242.190	(A)
	Total					12478.829	
	Add for water charge @ 1 %					124.788	
	Total					12603.617	(X)
	Add GST 12% on "X"(multiplying factor 0.1405)					1770.81	
	Total					14374.43	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					2156.16
	Cost of 10 sqm					16530.590
	Cost of 1 sqm					1653.059
	Add labour cess @ 1%					16.530
	Rate including labour cess					1669.589
			Say	**Rs.1669.60**	**Per sqm**	
11.23.4	**Black Zebra marble**					
	Details of cost for 10 sqm					
	Materials-					
	18 mm thick marble slab=10.00 sqm					
	Add for wastage 15% = 1.50 sqm					
	11.50 sqm	sqm	11.500	465.362	(6019)	5351.660
	Base mortar lime 1:1:1(1 lime putty: 1 Surkhi:1					
	Coarse sand) or 1:4(1 Cement:4 Coarse sand)	cum	0.224	2534.722	(2113)	567.778
	C ement for slurry @ 4.4. kg/sqm					
	for bedding =44.00 kg					
	for jointing =6.00 kg					
	50.00 kg	tonne	0.050	5474.000	(0367)	273.700
	Carriage of marble slab	LS	26.910	1.800	(9999)	48.438
	Labour -					
	(For finishing.polishing and fixing) Mason 1 st class	per day	1.200	342.000	(0123)	410.400 (A)
	Beldar	per day	1.000	254.000	(0114)	254.000 (A)
	Coolie	per day	1.000	265.000	(0115)	265.000 (A)
	Beldar for rubbing & polishing (special work)	per day	5.000	305.000	(0139)	1525.000 (A)
	Machine for rubbing of floors	Per day	4.000	350.000	(0013)	1400.000 (A)
	Sundries and carriage of cement etc.	1 time	134.550	1.800	(9999)	242.190 (A)
	Total					10338.165
	Add for water charges @. 1 %					103.382
	Total					10441.547 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1467.037
	Total					11908.584 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1786.288
	Cost of 10sqm					13694.872
	Add labour cess @ 1%					1369.487
	Cost of 1 sqm					13.690
	Rate including labour cess					1383.177
			Say	**Rs.1383.20**	**Per sqm**	
11.23.5	**Udaipur green marble**					
	Details of cost for 10 sqm					
	Materials-					
	18 mm thick marble slab=10.00 sqm					
	Add for wastage 15% = 1.50 sqm					
	11.50 sqm	sqm	11.500	604.970	(6010)	6957.157
	Base mortar lime 1:1:1(1 lime putty:1 Surkhi:1					
	Coarse sand) or 1:4(1 CemenM Coarse sand)	cum	0.224	2534.722	(2113)	567.778
	C ement for slurry @ 4.4. kg/sqm					
	for bedding =44.00 kg					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	for jointing =6.00 kg						
	50.00 kg	tonne	0.050	5474.000	(0367)	273.700	
	Carriage of marble slab	LS	26.910	1.800	(9999)	48.438	
	Labour -						
	(For finishing.polishing and fixing)						
	Mason 1st class	per day	1.200	342.000	(0123)	410.400	(A)
	Beldar	per day	1.000	254.000	(0114)	254.000	(A)
	Coolie	per day	1.000	265.000	(0115)	265.000	(A)
	Beldar for rubbing & polishing (special work)	per day	5.000	305.000	(0139)	1525.000	(A)
	Machine	Per day	4.000	350.000	(0013)	1400.000	(A)
	Sundries and carriage of cement *etc.*	LS	134.550	1.800	(9999)	242.190	(A)
	Total					11943.663	
	Add for water charges @. 1 %					119.437	
	Total					12063.100	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1694.866	
	Total					13757.965	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					2063.695	
	Cost of 10 sqm					15821.660	
	Cost of 1 sqm					1582.166	
	Add labour cess @ 1%					15.820	
	Rate including labour cess					1597.986	
			Say	**Rs.1598.00**	**Per sqm**		
11.23.6	**Pink marble**						
	Details of cost for 10 sqm						
	Materials-						
	18 mm thick marble slab=10.00 sqm						
	Add for wastage 15% = 1.50 sqm						
	11.50 sqm	sqm	11.500	630.100	(6007)	7246.147	
	Base mortar lime 1:1:1(1 lime putty:1 Surkhi:1						
	Coarse sand) or 1:4(1 Cement:4 Coarse sand)	cum	0.224	2534.722	(2113)	567.778	
	Cement for slurry @ 4.4. kg/sqm						
	for bedding =44.00 kg						
	for jointing =6.00 kg						
	50.00 kg	tonne	0.050	5474.000	(0367)	273.700	
	Carriage of marble slab	LS	26.910	1.800	(9999)	48.438	
	Labour - .. ,						
	(For finishing.polishing and fixing)						
	Mason 1st class	per day	1.200	342.000	(0123)	410.400	(A)
	Beldar	per day	1.000	254.000	(0114)	254.000	(A)
	Coolie	per day	1.000	265.000	(0115)	265.000	(A)
	Beldar for aibbing & polishing (special work)	per day	5.000	305.000	(0139)	1525.000	(A)
	Machine	Per day	4.000	350.000	(0013)	1400.000	(A)
	Sundries and carriage of cement etc.	1 time	134.550	1.800	(9999)	242.190	(A)
	Total					12232.653	
	Add for water charges @. 1 %					122.327	
	Total					12354.979	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1735.875	
	Total					14090.854	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					2113.628	
	Cost of 10 sqm					16204.482	
	Cost of 1 sqm					1620.448	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add labour cess @ 1%					16.200
	Rate including labour cess					1636.648
			Say	**Rs.1636.60**	**Per sqm**	
11.24	**Extra for nosing in marble stone for treads**					
	Details of cost for 10 m					
	Labour -					
	Mason (ornamental) marble stone	per day	2.000	342.000	(0126)	684.000
	Seldar	per day	1.500	254.000	(0114)	381.000
	Beldar for polishing and rubbing (special rate)	per day	2.500	305.000	(0139)	762.500
	Sundries	LS	53.820	1.800	(9999)	96.876
	Total					1924.376
	Add for water charges @. 1 %					19.244
	Total					1943.620 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					273.079
	Total					2216.698 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					332.505
	Cost of 10 sqm					2549.203
	Cost of 1 sqm					254.920
	Add labour cess @ 1%					2.550
	Rate including labour cess					257.470
			Say	**Rs.257.50**	**Per sqm**	
11.25	**Extra for marble stone flooring in treads of steps.**					
	Not exceeding 30 cm in width.					
	Details of cost for 10 sqm					
	Labour -					
	Mason (1 st class)	per day	1.950	342.000	(0123)	666.900
	Beldar	per day	1.400	254.000	(0114)	355.600
	Coolie	per day	0.750	265.000	(0115)	198.750
	Beldar for poolishing and rubbing (special rate)	per day	3.180	305.000	(0139)	969.900
	Sundries	LS	53.820	1.800	(9999)	96.876
	Total					2288.026
	Add for water charges @. 1 %					22.880
	Total					2310.906 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					324.682
	Total					2635.589 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					395.338
	Cost of 10 sqm					3030.927
	Cost of 1 sqm					303.093
	Add labour cess @ 1%					3.030
	Rate including labour cess					306.123
			Say	**Rs.306.10**	**Per sqm**	per sqm
	KOTA STONE FLOORING					
11.26	**Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete . Base with 1:1:1 (1 lime : 1 surkhi: 1 coarse sand) / 1:4 (1 cement: 4 coarse sand)**					
11.26.1	**20 to 25 mm thick -**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Details of cost for 10 sqm						
	Materials-						
	Kota stone slab 20 mm to 25 mm thick (semi-polished)						
	15% wastage	sqm	11.500	260.603	(1168)	2996.929	
	Carriage of stone blocks white & red sand stone & kota stone slab	tonne	0.670	94.800	(2216)	63.516	
	Lime mortar 1:1:1 /cement mortar .1:4	cum	0.224	2534.722	(2113)	567.778	
	Cement for slurry -						
	for bedding = 44 kg +						
	for joints = 20 kg = 64 kg or 0.064 tonne	tonne	0.064	5474.000	(0367)	350.336	
	Carriage of cement	tonne	0.064	0.000	(2209)	0.000	
	Pigment @ 3.5 kg per 50 kg of cement =						
	(64x3.5)/50 = 4.5 kg	kilogram	4.500	45.541	(0874)	204.935	
	Labour-Mason 2nd class	per day	1.200	305.000	(0124)	366.000	
	Beldar	per day	1.000	254.000	(0114)	254.000	
	Coolie	per day	1.000	265.000	(9115)	265.000	
	Beldar for rubbing and polishing (special rate)	per day	5.000	305.000	(0139)	1525.000	
	Machine	Per day	4.000	350.000	(0013)	1400.000	
	Sundries	LS	208.130	1.800	(9999)	374.634	
	Total					8368.128	
	Add for water charges @. 1 %					83.681	
	Total					8451.809	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1187.479	
	Total					9639.288	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1445.893	
	Cost of 10 sqm					11085.181	
	Cost of 1 sqm					1108.518	
	Add labour cess @ 1%					11.090	
	Rate including labour cess					1119.608	
			Say	**Rs.1119.60**	**Per sqm**		
11.27	**Kota stone slabs 20 mm thick in risers of steps skirting. Dado & pillars laid on 12 mm (average (thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. Details of cost for 10 sqm**						
	Materials -						
	20 to 25 mm thick Kota stone slabs semi polished including						
	15% wastage	sqm	11.500	260.603	(1168)	2996.929	
	Carriage of slabs	tonne	0.670	94.800	(2216)	63.516	
	Cement mortar 1:3 (1 cement: 3 coarse sand)	cum	0.144	3246.342	(2112)	467.473	
	Cement for slurry	tonne	0.064	5474.000	(0367)	350.336	
	Carnage of cement	tonne	0.064	0.000	(2209)	0.000	
	Pigment dark shade	kilogram	4.500	45.541	(0874)	204.935	
	Labour :-						
	Mason 2nd class	per day	3.000	305.000	(0124)	915.000	
	Beldar	per day	3.000	254.000	(0114)	762.000	
	Coolie	per day	1.000	265.000	(0115)	265.000	
	Beldar for rubbing and polishing (special rate)	per day	7.000	305.000	(0139)	2135.000	
	Sundries	LS	174.980	1.800	(9999)	314.964	
	Total					8475.153	
	Add for water charges @. 1 %					84.752	
	Total					8559.905	(X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					1202.667
	Total					9762.571 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1464.386
	Cost of 10 sqm					11226.957
	Cost of 1 sqm					1122.696
	Add labour cess @ 1%					11.230
	Rate including labour cess					1133.926
			Say	**Rs.1133.90**	**Per sqm**	
	SAND STONE FLOORING					
11.28	**Supplying sand stone 40 mm thick for flooring ,carriage to site and rough chisel dressing**					
11.28.1.1	**Red sand stone**					
	Details of cost for 10 sqm					
	Finished work =10 sqm					
	Add wastage @ 10% = 1 sqm /11 sqm					
	Cost of stone	sqm	11.000	186.145	(1164)	2047.591
	Carriage	LS	34.060	1.800	(9999)	61.308
	Labour -					
	For rough dressing -					
	Mason 1st class	per day	2.000	342.000	(0123)	684.000
	Total					2792.899
	Add for water charges @. 1 %					27.929
	Total					2820.828 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					396.326
	Total					3217.155 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					482.573
	Cost of 10 sqm					3699.728
	Cost of 1 sqm					369.973
	Add labour cess @ 1%					3.700
	Rate including labour cess					373.673
		Say	**Say**	**Rs.373.70**	**Per sqm**	
11.28.1.2	**white sand stone**					
	Details of cost for 10 sqm					
	Finished work = 10 sqm					
	Add wastage @ 10% = 1 sqm /11 sqm					
	Cost of stone	sqm	11.000	186.145	(1165)	2047.591
	Carriage	LS	34.060	1.800	(9999)	61.308
	Labour -					
	For rough dressing -					
	Mason 1st class -	per day	2.000	342.000	(0123)	684.000
	Total					2792.899
	Add for water charges @. 1 %					27.929
	Total					2820.828 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					396.326
	Total					3217.155 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					482.573
	Cost of 10 sqm					3699.728
	Cost of 1 sqm					369.973
	Add labour cess @ 1%					3.700
	Rate including labour cess					373.673
			Say	**Rs.373.70**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.28A.	**40 mm thick rough chisel dressed stone flooring over 20 mm (average) thick base with joint base 1:1:1 (1 lime : 1 Surkhi : 1 coarse sand) or 1:5 (1 cement : 5 coarse sand) finished flush.**					
11.28A.1	**Red sand stone**					
	Base 1:1:1 (1 lime : 1 surkhi :1 coarse sand) or 1:5(1 cement: 5 coarse sand)					
	Red sand stone					
	Details of cost for 1 o sqm					
	Materials -					
	Stone slabs including carriage (finished work) (Rate as per item No. 11.28.1.1)	sqm	10.000	369.973	(11.28.1.1)	3699.728 (A)
	Lime mortar 1:1:1 (1 lime : 1 surkhi : 1 coarse sand) or cement mortar 1:5 (1 cement: 5 coarse sand) for beading = 0.224 cum for jointing =0.026 cum = 0.250 cum	cum	0.250	2151.542	(2114)	537.886
	Labour -					
	Mason 1st class	per day	3.100	342.000	(0123)	1060.200
	Bandhani	per day	1.100	270.000	(0100)	297.000
	Coolie	per day	0.550	265.000	(0115)	145.750
	Bhisti	per day	0.270	277.000	(0101)	74.790
	Sundries	LS	10.790	1.800	(9999)	19.422
	Total					5834.776
	Add for water charges @ 1 % except A					21.350
	Total					5856.126 (X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)					302.974
	Total					6159.100 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					368.906
	Cost of 10 sqm					6528.006
	Cost of 1 sqm					652.801
	Add labour cess @ 1%					6.530
	Rate including labour cess					659.331
			Say	**Rs.659.30**	**Per sqm**	
11.28A.2	**White sand stone**					
	Details of cost for 10 sqm					
	Cost same as per item No. 11.28.1.1	sqm	10.000	652.801	(11.28.1.1)	6528.006
	Add for white stone slab (finished work)					
	Cost as per item No. 11.28.1.2	sqm	10.000	369.973	(11.28.1.2)	3699.728
	Less for red sand stone slab {finished work)					
	Cost as per item No. 11.28.1.3	sqm	10.000	369.973	(11.28.1.3)	-3699.728 **(-)**
	Cost of 10 sqm					6528.006
	Cost of 1 sqm					652.801
	Add labour cess @ 1%					6.530
	Rate including labour cess					659.331
			Say	**Rs.659.30**	**Per sqm**	
11.29	**40 mm thick rough chisel dressed stone flooring over 20 mm (average) thick base including pointing with C.M 1:2 (1 cement :2 stone dust) with an admixture of pigment to match the shade of the stone with base 1:1:1 (1 lime : 1surkhi : coarse sand or 1:5 (1 cement : 5 coarse sand)**					
11.29.1	**Red sand stone**					
	Details of cost for 10 sqm					
	Materials -					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	40 mm thick red sand stone (finished work) (Rate as per item No. 11.28.1.1)	sqm	10.000	369.97	(11.28.1.1)	3699.728	(A)
	Lime mortar 1:1:1 (1 lime : 1 surkhi : 1 coarse sand) or cement mortar 1:5 (1 cement: 5 coarse sand) for beading = 0.224 cum for jointing =0.026 cum = 0.250 cum	cum	0.250	2151.542	(2114)	537.886	
	cement mortar for pointing(1:2)	cum	0.023	4157.640	(2111)	95.626	
	Labour -						
	Mason 1st class	per day	3.900	342.000	(0123)	1333.800	
	Bandhani	per day	1.100	270.000	(0100)	297.000	
	Coolie	per day	1.400	265.000	(0115)	371.000	
	Bhisti	per day	0.550	277.000	(0101)	152.350	
	Sundries	1 time	26.910	1.800	(9999)	48.438	
	Total					6535.827	
	Add for water charges @ 1 % except A					28.361	
	Total					6564.188	(X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)					402.457	
	Total					6966.645	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					490.038	
	Cost of 10 sqm					7456.683	
	Cost of 1 sqm					745.668	
	Add labour cess @ 1%					7.460	
	Rate including labour cess					753.128	
			Say	**Rs.753.10**	**Per sqm**		
11.29.2	**White sand stone**						
	Details of cost for 10 sqm						
	Cost same as per item No. 11.28.1.1	sqm	10.000	745.668	(11.28.1.1)	7456.683	
	Add for difference in cost between white and red sand stone 40 mm thick						
	Add cost of item No. 11.28.1.2	sqm	10.000	369.973	(11.28.1.2)	3699.728	
	Less Cost of item No. 11.28.1.3	sqm	10.000	-369.973	(11.28.1.1)	-3699.728	(-)
	Cost of 10 sqm					7456.683	
	Cost of 1 sqm					745.668	
	Add labour cess @ 1%					7.460	
	Rate including labour cess					753.128	
			Say	**Rs.753.10**	**Per sqm**		
11.30	**40 mm thick fine dressed stone flooring over 20 mm (average) thick base with joint finished fiush:base 1:5 (1 cement: 5 coarse sand)with joints 3 mm thick, side buttered with cement mortar 1:2 (1 cement : 2 stone dust) admixed with pigment to match the shade of stone and pointing with same mortar.**						
11.30.1	**Red sand stone**						
	Details of cost for 10 sqm.						
	MATERIAL:						
	Finished work = 10sqm						
	Add wastage 10% =1.00sqm						
	Total = 11.00 sqm						
	Red sand stone slab 40 mm thick (un-dressed)	sqm	11.000	186.145	(1164)	2047.591	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Carriage	L.S.	34.060	1.800	(9999)	61.308
	Rate as per Item of SH: cement mortar 1:5					
	(i) for bedding = 0.224 cum					
	(ii) for joining = 0.026 cum.					
	Total=0.250cum					
	Rate as per Item of SH: cement mortar 1:5	cum	0.250	2151.542	(2114)	537.886
	Cement mortar 1:2(1 Cement: 2 stone dust)for pointing					
	Rate as per Item Number SH: Mortars for pointing	cum	0.023	4157.640	(2111)	95.626
	LABOUR:					
	Mason (brick layer) 1st class	day	3.900	342.000	(0123)	1333.800
	Bandhani	day	1.100	270.000	(0100)	297.000
	Coolie	day	1.400	265.000	(0115)	371.000
	Bhisti	day	0.550	277.000	(0101)	152.350
	Sundries	L.S.	26.910	1.800	(9999)	48.438
	Labour for rubbing of stone					
	Skilled Beldar (for floor rubbing etc.)	day	0.618	305.000	(0139)	188.490
	Machine for rubbing of floors	day	0.988	350.000	(0013)	345.800
	Total					5479.289
	Add for water charges @. 1 %					54.793
	Total					5534.082 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					777.538
	Total					6311.620 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					946.743
	Cost of 10 sqm					7258.363
	Cost of 1 sqm					725.83632
	Add labour cess @ 1%					7.260
	Rate including labour cess					733.096
			Say	**Rs.733.10**	**Per sqm**	
11.30.2	**White sand stone**					
	Details of cost for 10 sqm					
	cost same as per item No. 11.30.1	sqm	10.000	725.836	(11.30.1)	7258.363
	Add for difference in rate of white sand stone and					
	red sand stoneAdd cost as per item No. 11.28.1.2	sqm	10.000	369.973	(11.28.1.2)	3699.728
	Less cost as per item No.11.28.1.1	sqm	-10.000	369.973	(11.28.1.1)	-3699.728
	Cost of 10 sqm					7258.363
	Cost of 1 sqm					725.836
	Add labour cess @ 1%					7.260
	Rate including labour cess					733.096
			Say	**Rs.733.10**	**Per sqm**	
11.31	**Extra for pre finished nosing in treads of steps of Kota stone / sand stone slab.**					
	Details of cost for 10 sqm					
	Labour-					
	Stone mason(ornamental)	per day	1.500	342.000	(0126)	513.000
	Add for water charges @ 1 %					5.130
	Total					518.130 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					72.797
	Total					590.927 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					88.639
	Cost of 10 m					679.566
	Cost of 1 m					67.957
	Add labour cess @ 1%					0.680
	Rate including labour cess					68.637
			Say	**Rs.68.60**	**Per sqm**	
11.32	**Extra for Kota stone / sand stone in treads of steps and risers using single up to 1.05 metre.length** exceeding 30 cm in width					
	Details of cost foor 10 sqm					
	Labour- .					
	mason 2nd class	per day	0.200	305.000	(0124)	61.000
	Beldar	per day	0.200	254.000	(0114)	50.800
	Total					111.800
	Add for water charges @ 1 %					1.118
	Total					112.918 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					15.865
	Total					128.783 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					19.317
	Cost of 10 m					148.100
	Cost of 1 sqm					14.810
	Add labour cess @ 1%					0.150
	Rate including labour cess					14.960
			Say	**Rs.15.00**	**Per sqm**	
11.33	**25 mm wooden planking, tongued and grooved in flooring including fixing with iron screws complete with.**					
11.33.1	**2nd class teak wood**					
	Details of cost for 2.5x4=10 sqm					
	Materials					
	Second class indian teak wood					
	No of joints = 4000/138 = 28.97 = (29-1) = 28Nos Qty of wood required					
	2.5(4+0.336)x0.025 = 0.271 cum					
	Add wastage @ 10 % = 0.027 cum					
	= 0.2981 cum = 298.1 cudm					
	Second class Indian teak wood	10 cudm	29.810	628.238	(1190)	18727.784
	Extra for selected planks of second class teakwood	10 cudm	29.810	139.609	(1231)	4161.730
	Carriage of timber	cum	0.298	140.000	(2204)	41.734
	Iron screws 50 mm (slotted counters sunk head type)	100 Nos	200.000	71.666	(0682)	143.331
	Labour-					
	Carpenter 1st class	per day	2.680	342.000	(0111)	916.560
	Beldar	per day	1.350	254.000	(0114)	342.900
	Sundries for glue etc.	LS	33.280	1.800	(9999)	59.904

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					24393.943
	Add for water charges @ 1 %					243.939
	Total					24637.882 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					3461.622
	Total					28099.505 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					4214.926
	Cost of 10 m					32314.430
	Cost of 1 sqm					3231.443
	Add labour cess @ 1%					32.310
	Rate including labour cess					3263.753
			Say	**Rs.3263.80**	**Per sqm**	
11.34	**38 mm thick parquet (wood block) flooring of 1st class teak wood laid over 25 mm thick levelling layer of cement concrete 1:2:4(1 cement:2 coarse sand:4 store aggregate 10 mm nominal size) to be paid separately coated with a Thin layer of hot bitumen (blown type) @ 2.4 5 kg per sqm. including fixing blocks in position after dipping in hot bitumen (blown type) upto half depth,planed.levelled smooth and finished complete.**					
	Details of cost for 1 sqm					
	Bitumen blkown type-					
	(i) For bed tayer @ 2.45kg/sqm=2 4 5 kg					
	(ii) For dipping blocks L.S =2 00 kg					
	4.45 kg	tonne	0.0045	32166.732	(0313)	143.142
	Carriage of bitumen	tonne	0.004	0.000	(2211)	0.000
	1 st class teak wood in scantling for wooden blocks					
	1 sqmx0.038m = 0.038 cum					
	Add 10% wastage = 0.0038 cum					
	0.0418 cum or 41.8 cudm	10 cudm	4.180	819.04	(1187)	3423.57
	Carriage of timber	cum	0.042	0.00	(2204)	0.00
	Labour-					
	For making and fixing blocks spreading bitumen					
	etc. sand papering and fixing flooring					
	Carpenter 1st class	per day	1.750	342.00	(0111)	598.50
	Beldar	per day	2.250	254.00	(0114)	571.50
	Coolie	per day	1.500	265.00	(0115)	397.50
	Mistry	per day	0.100	254.00	(0130)	25.40
	Sundries such as fuel, kerosine oil, sand paper etc.	1 time	80.730	1.80	(9999)	145.31
	Total					5304.929
	Add for water charges @ 1 %					53.049
	Total					5357.978 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					752.796
	Total					6110.774 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					916.616
	Cost of 1 sqm					7027.39
	Add labour cess @ 1%					70.27
	Rate including labour cess					7097.66
			Say	**Rs.7097.70**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.35	**Providing and fixing MS. angle 50x50x5 mm to act as with lugs of M.S. flat 10x5 mm 10 cm long forked at end 60 cm apart(minimum 3 lugs to be provided) including necessary welding and applying a priming coat of approved primer on exposed surfaces etc. complete**					
	Details of cost for 3 m (11.4+0.24 kg=11.64 kg)					
	Materials:					
	Angle iron 50x50x5 mm=3 m					
	Add wastage @ 5% =0.15m					
	3.15 m					
	3.15m@3.80 kg per m=11.97 kg say 0.12 qtl	quintal	0.120	4155.00	(1007)	498.60
	Structural steel such as tees, angles channels and R.S. joists					
	Lugs 10x5 mm flat=6x0.10=0.60m					
	0.60m @ 0.40kg pre m = 0.24 kg					
	Add wastage @ 5% = 0.012 kg					
	0.252 kg=0.00252 qtl	quintal	0.0025	3420.41	(1008)	8.62
	Carriage of steel	tonne	0.016	94.80	(2205)	1.52
	Welding charges 6 cm(lugs) by elect. Plant	cm	6.000	1.86	(1215)	11.17
	Sundries	LS	9.100	1.80	(9999)	16.38
	Labour:					
	Blacksmith 2nd dass	per day	0.090	305.00	(0103)	27.45
	Mason 1st class	per day	0.450	342.00	(0123)	153.90
	Beldar	per day	0.250	254.00	(0114)	63.50
	Priming coat 1X3X0.20=0.6 sqm (Rate vide item					
	no. 13.81.3)	sqm	0.600	27.52	(13.81.3)	16.51 (B)
	Total					797.65
	Add for water chartes @ 1% on all except on 'B'					7.81
	Total					805.46 (X)
	Add GST 12% on "X" except B (multiplying factor 0.1405)					110.847
	Total					916.305 (Y)
	Add for contractor's profit and overheads @ 15% on "Y" except B					134.969
	Cost of 11.64 kg					1051.27
	Cost of 1 kg					90.32
	Add labour cess @ 1%					0.90
	Rate including labour cess					91.22
			Say	**Rs.91.20**	**Per Kg**	
11.42	**Deduct for not using 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) bedding in laying of floor tiles.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	20 mm thick cement mortar 1:4(1 cement: 4 coarse sand)	cum	0.024	2534.722	(2113)	60.83
	Rate as per Item Number 3.9 of SH: Mortars					
	Mortar for pointing in white cement	L.S.	40.43	1.80	(9999)	72.77
	Cement for slurry over bed @ 3.3 kg per sqm					
	Portland Cement	tonne	0.0033	5275.48	(0367)	17.41
	LABOUR:					
	Mason (brick layer) 1st class	day	0.2	342.00	(0123)	68.40

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Coolie	day	0.2	265.00	(0115)	53.00
	Sundries i/c carriage of cement etc.	L.S.	26.91	1.80	(9999)	48.44
	Total					320.854
	Add for water charges @ 1 %					3.209
	Total					324.063 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					45.531
	Total					369.594 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					55.439
	Cost of 1 sqm					425.03
	Add labour cess @ 1%					4.250
	Rate including labour cess					429.28
			Say	**Rs.429.30**	**Per sqm**	
11.43	**Fixing glazed/ Ceramic/ Vitrified floor tiles with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 3 mm thickness.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	High polymer modified quickset tile adhesive per	kg	5	8.37651064	(8731)	41.88
	Mortar for pointing in white cement	L.S.	40.43	1.80	(9999)	72.77
	LABOUR:					
	Mason (brick layer) 1st class	day	0.2	342.00	(123)	68.40
	Coolie	day	0.2	265.00	(0115)	53.00
	Sundries i/c carriage of cement etc.	L.S.	26.91	1.80	(9999)	48.44
	Total					284.495
	Add for water charges @ 1 %					2.845
	Total					287.339 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					40.371
	Total					327.711 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					49.157
	Cost of 1 sqm					376.87
	Add labour cess @ 1%					3.769
	Rate including labour cess					380.64
			Say	**Rs.380.60**	**Per sqm**	
11.44	**Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement , all complete as per direction of Engineer-in-charge.**					
	Details of cost for 10 sqm.					
	Under layer 12 mm thick cement mortar 1:4					
	Rate as per Item Number2113 of SH: Mortars	cum	0.14	2534.722	(2113)	354.86
	Mason (brick layer) 2nd class	day	0.67	305.00	(0124)	204.35
	Beldar	day	0.75	254.00	(0114)	190.50
	Bhisti	day	0.92	277.00	(0101)	254.84
	Scaffolding	L.S.	8.97	1.80	(9999)	16.15

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Cement slurry for subgrade						
	Portland Cement	tonne	0.04	5275.48	(0367)	211.02	
	Carriage of cement	tonne	0.04	0	(2209)		
	Labour for applying cement slurry						
	Beldar	day	0.5	254.00	(0114)	127.00	
	Top layer with tile piece and gap filling with cement motar:						
	Ceramic tile piece for crazy flooring assuming 70% tile area and 30% of joint filler/mixture. (7.00x0.010)=0.07						
	0.872x0.07/0.051=1.20 qtl						
	Ceremic Tiles Pieces for Crazy Flooring	quintal	1.2	125.64766	(2709)	150.78	
	Carriage of tiles	L.S.	62.4	1.80	(9999)	112.32	
	Cement motar 1:4 for filling of crazy tile : (300x0.01=0.03)						
	Rate as per Item Number2113 of SH: Mortars	cum	0.03	2534.722	(2113)	76.04	
	Synthetic polyster triangular						
	Rate as per Item No. 4.18 of SH: Cement Concrete	per bag of 50kg of cement	1.38	53	(4.18)	73.14	A
	Water proofing compound						
	Rate as per Item No. 4.12 of SH: Cement Concrete	per bag of 50kg of cement	1.38	44.35	(4.12)	61.20	A
	Mason (brick layer) 1st class	day	1.2	342.00	(0123)	410.40	
	Beldar	day	1	254.00	(0114)	254.00	
	Coolie	day	1	265.00	(0115)	265.00	
	Bhisti	day	0.54	277.000	(0101)	149.58	
	Sundries	L.S.	67.25	1.80	(9999)	121.05	
	TOTAL					3032.23	
	Add Water Charges @ 1% except on A i.e on					28.978852	
	TOTAL					3061.21	(X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)					411.224	
	Total					3472.43	(Y)
	Add for contractor's profit and overheads @ 15% on "Y" except A					500.71326	
	Cost of 10 sqm					3973.14	
	Cost of 1 sqm					397.31447	
	Add labour cess @ 1%					3.973	
	Rate including labour cess					401.29	
			Say	**Rs.401.30**	**Per sqm**		
11.45	**Providing and laying 500x500x40 mm thick Turf paver (Turfpave XD) on 150 mm thick sub grade of compacted bed of 20 mm thick nominal size stone aggregate and base course and filling with 150 mm thick jamuna sand, including spreading, well ramming, consolidating and finishing smooth etc. all complete as per direction of Engineer-in-charge.**						
	Details of cost for 10 sqm.						
	MATERIAL:						
	Stone Aggregate (Single size) : 20 mm nominal size	cum	1.5	556.10	(295)	834.15	
	Carriage of stone aggregate below 40 mm nominal size	cum	1.5	0.00	(2202)	0.00	
	1 x 10 x 0.15 = 1.5cum						
	LABOUR:						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	for spreading ramming and consolidation of sub grade						
	Beldar	day	0.7	254.00	(0114)	177.80	
	Coolie	day	0.52	265.00	(0115)	137.80	
	Bhisti	day	0.36	277.00	(0101)	99.72	
	Providing and filling local sand						
	Rate as per Item No. 2.28 of SH: Earth Work	cum	1.5	238.57	(2.28)	357.86	A
	Truf Paver (500 x 500 x 40 mm)	sqm	10	465.36	(2708)	4653.62	
	Labour for laying of Turf pave						
	Mason (brick layer) 1st class	day	0.5	342.00	(0123)	171.00	
	Beldar	day	1	254.00	(0114)	254.00	
	Sundries	L.S.	50	1.80	(9999)	90.00	
	TOTAL					6775.95	
	Add Water Charges @ 1% except on A i.e on					64.18	
	TOTAL					6840.13	(X)
	Add GST 12% on "X" except A (multiplying factor 0.1405)					910.76	
	Total					7750.89	(Y)
	Add for contractor's profit and overheads @ 15% on "Y" except A					1108.95	
	Cost of 10 sqm					8859.84	
	Cost of 1 sqm					885.98	
	Add labour cess @ 1%					8.86	
	Rate including labour cess					894.84	
			Say	**Rs.894.80**	**Per sqm**		
11.46	**Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.**						
11.46.1	**Size of Tile 500 x 500 mm.**						
	Details of cost for 1 sqm.						
	Vitrified floor tiles 50 x 50 cm size = 1.00 sqm+						
	Add wastage & breakage @ 2.5% = 0.025 sqm						
	Total = 1.025 sqm						
	Vitrified floor tile 50x50 cm	sqm	1.025	456.054468	(8620)	467.46	
	Carriage of tiles	L.S.	6.24	1.80	(9999)	11.23	
	12mm thick cement mortar 1:3 (1 cement : 3 coarse sand)	cum	0.014	3246.342	(2112)	45.45	
	Rate as per Item Number 3.8 of SH: Mortars						
	Mortar for pointing in white cement	L.S.	3.64	1.80	(9999)	6.55	
	Cement slurry over bed @ 3.3 kg per sqm						
	Portland Cement	tonne	0.0033	5275.48	(0367)	17.41	
	LABOUR:						
	Mason (brick layer) 1st class	day	0.25	342.00	(0123)	85.50	
	Coolie	day	0.25	265.00	(0115)	66.25	
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	(9999)	48.44	
	Total					748.286	
	Add for water charges @ 1 %					7.483	
	Total					755.769	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					106.185	
	Total					861.954	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					129.293
	Cost of 1 sqm					991.25
	Add labour cess @ 1%					9.912
	Rate including labour cess					1001.16
			Say	**Rs.1001.20**	**Per sqm**	
11.46.2	**Size of Tile 600 x 600 mm.**					
	Details of cost for 1 sqm.					
	Vitrified floor tiles 60 x 60 cm size = 1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 60x60 cm	sqm	1.025	558.434043	(8621)	572.39
	Carriage of tiles	L.S.	6.24	1.80	(9999)	11.23
	12mm thick cement mortar 1:3 (1 cement : 3 coarse sand)					
	Rate as per Item Number 3.8 of SH: Mortars	cum	0.014	3246.342	(2112)	45.45
	Mortar for pointing in white cement	L.S.	3.64	1.80	(9999)	6.55
	Cement slurry over bed @ 3.3 kg per sqm					
	Portland Cement	tonne	0.0033	5275.48	(0367)	17.41
	LABOUR:					
	Mason (brick layer) 1st class	day	0.25	342.00	(0123)	85.50
	Coolie	day	0.25	265.00	(0115)	66.25
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	(9999)	48.44
	Total					853.225
	Add for water charges @ 1 %					8.532
	Total					861.757 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					121.077
	Total					982.834 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					147.425
	Cost of 1 sqm					1130.26
	Add labour cess @ 1%					11.303
	Rate including labour cess					1141.56
			Say	**Rs.1141.60**	**Per sqm**	
11.46.3	**Size of Tile 800 x 800 mm.**					
	Details of cost for 1 sqm.					
	Vitrified floor tiles 80 x 80 cm size = 1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 80x80 cm	sqm	1.025	791.114894	(8622)	810.89
	Carriage of tiles	L.S.	6.24	1.80	(9999)	11.23
	12mm thick cement mortar 1:3 (1 cement : 3 coarse sand)					
	Rate as per Item Number 3.8 of SH: Mortars	cum	0.014	3246.342	(2112)	45.45
	Mortar for pointing in white cement	L.S.	3.64	1.80	(9999)	6.55
	Cement slurry over bed @ 3.3 kg per sqm					
	Portland Cement	tonne	0.0033	5275.48	(0367)	17.41
	LABOUR:					
	Mason (brick layer) 1st class	day	0.25	342.00	(0123)	85.50
	Coolie	day	0.25	265.00	(0115)	66.25
	Sundries including carriage of quick set	L.S.	26.91	1.80	(9999)	48.44

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	polymer etc.					
	Total					1091.723
	Add for water charges @ 1 %					10.917
	Total					1102.640 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					154.921
	Total					1257.561 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					188.634
	Cost of 1 sqm					1446.19
	Add labour cess @ 1%					14.462
	Rate including labour cess					1460.66
			Say	**Rs.1460.70**	**Per sqm**	
11.46.4	**Size of Tile 1000 x 1000 mm.**					
	Details of cost for 1 sqm.					
	Vitrified floor tiles 100 x 100 cm size = 1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 100x100 cm	sqm	1.025	1293.70553	(8623)	1326.05
	Carriage of tiles	L.S.	6.24	1.80	(9999)	11.23
	12mm thick cement mortar 1:3 (1 cement : 3 coarse sand)					
	Rate as per Item Number 3.8 of SH: Mortars	cum	0.014	3246.342	(2112)	45.45
	Mortar for pointing in white cement	L.S.	3.64	1.80	(9999)	6.55
	Cement slurry over bed @ 3.3 kg per sqm					
	Portland Cement	tonne	0.0033	5275.48	(0367)	17.41
	LABOUR:					
	Mason (brick layer) 1st class	day	0.25	342.00	(0123)	85.50
	Coolie	day	0.25	265.00	(0115)	66.25
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	(9999)	48.44
	Total					1606.878
	Add for water charges @ 1 %					16.069
	Total					1622.947 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					228.024
	Total					1850.971 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					277.646
	Cost of 1 sqm					2128.62
	Add labour cess @ 1%					21.286
	Rate including labour cess					2149.90
			Say	**Rs.2149.90**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.46A	**Providing and fixing glazed screen printed border tile 75mm wide having thickness 5mm, of approved quality & make, in all shades, design and prints, in dado, over 12mm thick bed of cement mortar 1:3 (1 Cement : 3 Coarse sand) and jointing with grey cement slurry @ 3.3 kg/sqm including pointing with white cement mixed with pigment of matching shade, all complete as approved by Engineer - in - Charge**					
	Details for 1sqm (i.e. 13.33m length)					
	Material					
8624	Border tiles 200x75mm size 5mm thick Tile required=1.00/(0.20x0.075)=66.70 tile. Add 2.5% wastage = 1.67 tile	each	68.00	14.89	(8624)	1012.63
	Total 68.37 say 68 tiles					
9999	Carriage	L.S.	6.24	1.80	(9999)	11.23
3.8	Cement mortar 1:3 for 12mm base	cum	0.01	3246.34	(3.8)	45.45
9999	Mortar for pointing in white cement	L.S.	40.43	1.80	(9999)	72.77
367	Cement for slurry over bed@ 3.3kg/sqm	MT	0.00	5474.00	(0367)	18.06
	Labour					
123	Mason 1st class	each	0.25	342.00	(0123)	85.50
115	Coolie	each	0.25	265.00	(0115)	66.25
	Sundries 26.91-0.16=26.75	L.S.	26.75	1.80	(9999)	48.15
	Total					1360.05
	Add Water Charges @ 1 %					13.60
	Total					1373.647 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					192.997
	Total					1566.644 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					234.997
	Details of cost for 1sqm					1801.64
	Details of cost for 1sqm i.e. 13.33 mts					1801.64
	Cost per mtr					135.16
	Add labour cess @ 1%					1.352
	Rate including labour cess					136.51
			Say	**Rs.136.50**	**Per sqm**	

11.47 Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).

11.47.1 Size of Tile 500 x 500 mm.

Details of cost for 1 sqm.

Vitrified floor tiles 50 x 50 cm size = 1.00 sqm+

Add wastage & breakage @ 2.5% = 0.025 sqm

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total = 1.025 sqm					
	Vitrified floor tile 50x50 cm	sqm	1.025	456.054468	(8620)	467.46
	Carriage of tiles	L.S.	6.24	1.80	(9999)	11.23
	High polymer modified quickset tile adhesive per	kg	10	8.37651064	(8731)	83.77
	LABOUR:					
	Mason (brick layer) 1st class	day	0.25	342.00	(0123)	85.50
	Coolie	day	0.5	265.00	(0115)	132.50
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	(9999)	48.44
	Total					828.891
	Add for water charges @ 1 %					8.289
	Total					837.180 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					117.624
	Total					954.804 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					143.221
	Cost of 1 sqm					1098.02
	Add labour cess @ 1%					10.980
	Rate including labour cess					1109.00
			Say	**Rs.1109.00**	**Per sqm**	
11.47.2	**Size of Tile 600 x 600 mm.**					
	Details of cost for 1 sqm.					
	Vitrified floor tiles 60 x 60 cm size = 1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 60x60 cm	sqm	1.025	558.434043	(8621)	572.39
	Carriage of tiles	L.S.	6.24	1.80	(9999)	11.23
	High polymer modified quickset tile adhesive	Per kg	10	8.37651064	(8731)	83.77
	LABOUR:					
	Mason (brick layer) 1st class	day	0.25	342.00	(0123)	85.50
	Coolie	day	0.5	265.00	(0115)	132.50
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	(9999)	48.44
	Total					933.830
	Add for water charges @ 1 %					9.338
	Total					943.168 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					132.515
	Total					1075.683 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					161.353
	Cost of 1 sqm					1237.04
	Add labour cess @ 1%					12.370
	Rate including labour cess					1249.41
			Say	**Rs.1249.40**	**Per sqm**	
11.47.3	**Size of Tile 800 x 800 mm.**					
	Details of cost for 1 sqm.					
	Vitrified floor tiles 80 x 80 cm size = 1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 80x80 cm	sqm	1.025	791.114894	(8622)	810.89
	Carriage of tiles	L.S.	6.24	1.80	(9999)	11.23

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	High polymer modified quickset tile adhesive per	kg	10	8.37651064	(8731)	83.77
	LABOUR:					
	Mason (brick layer) 1st class	day	0.25	342.00	(0123)	85.50
	Coolie	day	0.5	265.00	(0115)	132.50
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	(9999)	48.44
	Total					1172.328
	Add for water charges @ 1 %					11.723
	Total					1184.051 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					166.359
	Total					1350.410 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					202.562
	Cost of 1 sqm					1552.97
	Add labour cess @ 1%					15.530
	Rate including labour cess					1568.50
			Say	**Rs.1568.50**	**Per sqm**	
11.47.4	**Size of Tile 1000 x 1000 mm.**					
	Details of cost for 1 sqm.					
	Vitrified floor tiles 100 x 100 cm size = 1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 100x100 cm	sqm	1.025	1293.70553	(8623)	1326.05
	Carriage of tiles	L.S.	6.24	1.80	(9999)	11.23
	High polymer modified quickset tile adhesive per	kg	10	8.37651064	(8731)	83.77
	LABOUR:					
	Mason (brick layer) 1st class	day	0.25	342.00	(0123)	85.50
	Coolie	day	0.5	265.00	(0115)	132.50
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	(9999)	48.44
	Total					1687.483
	Add for water charges @ 1 %					16.875
	Total					1704.358 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					239.462
	Total					1943.820 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					291.573
	Cost of 1 sqm					2235.39
	Add labour cess @ 1%					22.354
	Rate including labour cess					2257.75
			Say	**Rs.2257.70**	**Per sqm**	
11.48	**Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling/ grouting and finishing complete as per direction of Engineer-in-charge.**					
11.48.1	**Size of Tile 500x500 mm.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Epoxy Grout	kg	0.21	345.298383	(8682)	72.51
	LABOUR:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Mason (brick layer) 1st class	day	0.1	342.00	(0123)	34.20
	Coolie	day	0.1	265.00	(0115)	26.50
	Sundries including carriage	L.S.	5	1.80	(9999)	9.00
	Total					142.213
	Add for water charges @ 1 %					1.422
	Total					143.635 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					20.181
	Total					163.815 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					24.572
	Cost of 1 sqm					188.39
	Add labour cess @ 1%					1.884
	Rate including labour cess					190.27
			Say	**Rs.190.30**	**Per sqm**	
11.48.2	**Size of Tile 600 x 600 mm.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Epoxy Grout	kg	0.18	345.298383	(8682)	62.15
	LABOUR:					
	Mason (brick layer) 1 st class	day	0.08	342.00	(0123)	27.36
	Coolie	day	0.08	265.00	(0115)	21.20
	Sundries including carriage	L.S.	5	1.80	(9999)	9.00
	Total					119.714
	Add for water charges @ 1 %					1.197
	Total					120.911 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					16.988
	Total					137.899 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					20.685
	Cost of 1 sqm					158.58
	Add labour cess @ 1%					1.586
	Rate including labour cess					160.17
			Say	**Rs.160.20**	**Per sqm**	
11.48.3	**Size of Tile 800 x 800 mm.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Epoxy Grout	kg	0.15	345.298383	(8682)	51.79
	LABOUR:					
	Mason (brick layer) 1 st class	day	0.06	342.00	(0123)	20.52
	Coolie	day	0.06	265.00	(0115)	15.90
	Sundries including carriage	L.S.	5	1.80	(9999)	9.00
	Total					97.215
	Add for water charges @ 1 %					0.972
	Total					98.187 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					13.795
	Total					111.982 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					16.797
	Cost of 1 sqm					128.78
	Add labour cess @ 1%					1.288
	Rate including labour cess					130.07
			Say	**Rs.130.10**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.48.4	**Size of Tile 1000 x 1000 mm.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Epoxy Grout	kg	0.11	345.298383	(8682)	37.98
	LABOUR:					
	Mason (brick layer) 1 st class	day	0.04	342.00	(0123)	13.68
	Coolie	day	0.04	265.00	(0115)	10.60
	Sundries including carriage	L.S.	5	1.80	(9999)	9.00
	Total					71.263
	Add for water charges @ 1 %					0.713
	Total					71.975 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					10.113
	Total					82.088 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					12.313
	Cost of 1 sqm					94.40
	Add labour cess @ 1%					0.944
	Rate including labour cess					95.35
			Say	**Rs.95.30**	**Per sqm**	

11.49 Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622 , of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).

11.49.1	**Size of Tile 500 x 500 mm.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Vitrified floor tiles 50 x 50 cm size = 1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 50x50 cm	sqm	1.025	456.054468	8620	467.46
	Carriage of tiles	L.S.	6.24	1.80	9999	11.23
	High polymer modified quickset tile adhesive per	kg	10	8.37651064	8731	83.77
	LABOUR:					
	Mason (brick layer) 1 st class	day	0.2	342.00	123	68.40
	Coolie	day	0.4	265.00	115	106.00
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	9999	48.44
	Total					785.291
	Add for water charges @ 1 %					7.853
	Total					793.144 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					111.437
	Total					904.581 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					135.687
	Cost of 1 sqm					1040.27
	Add labour cess @ 1%					10.403
	Rate including labour cess					1050.67
			Say	**Rs.1050.70**	**Per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.49.2	**Size of Tile 600 x 600 mm.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Vitrified floor tiles 60 x 60 cm size = 1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 60x60 cm	sqm	1.025	558.434043	8621	572.39
	Carriage of tiles	L.S.	6.24	1.80	9999	11.23
	High polymer modified quickset tile adhesive per	kg	10	8.37651064	8731	83.77
	LABOUR:					
	Mason (brick layer) 1 st class	day	0.2	342.00	123	68.40
	Coolie	day	0.4	265.00	115	106.00
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	9999	48.44
	Total					890.230
	Add for water charges @ 1 %					8.902
	Total					899.132 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					126.328
	Total					1025.460 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					153.819
	Cost of 1 sqm					1179.28
	Add labour cess @ 1%					11.793
	Rate including labour cess					1191.07
			Say	**Rs.1191.10**	**Per sqm**	
11.49.3	**Size of Tile 800 x 800 mm.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Vitrified floor tiles 80 x 80 cm size = 1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 80x80 cm	sqm	1.025	791.114894	8622	810.89
	Carriage of tiles	L.S.	6.24	1.80	9999	11.23
	High polymer modified quickset tile adhesive	per kg	10	8.37651064	8731	83.77
	LABOUR:					
	Mason (brick layer) 1 st class	day	0.2	342.00	123	68.40
	Coolie	day	0.4	265.00	115	106.00
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	9999	48.44
	Total					1128.728
	Add for water charges @ 1 %					11.287
	Total					1140.015 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					160.172
	Total					1300.187 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					195.028
	Cost of 1 sqm					1495.22
	Add labour cess @ 1%					14.952
	Rate including labour cess					1510.17
			Say	**Rs.1510.20**	**Per sqm**	
11.49.4	**Size of Tile 1000 x 1000 mm.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Vitrified floor tiles 100 x 100 cm size =					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	1.00 sqm+					
	Add wastage & breakage @ 2.5% = 0.025 sqm					
	Total = 1.025 sqm					
	Vitrified floor tile 100x100 cm	sqm	1.025	1293.70553	8623	1326.05
	Carriage of tiles	L.S.	6.24	1.80	9999	11.23
	High polymer modified quickset tile adhesive	per kg	10	8.37651064	8731	83.77
	LABOUR:					
	Mason (brick layer) 1st class	day	0.2	342.00	123	68.40
	Coolie	day	0.4	265.00	115	106.00
	Sundries including carriage of quick set polymer etc.	L.S.	26.91	1.80	9999	48.44
	Total					1643.883
	Add for water charges @ 1 %					16.439
	Total					1660.322 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					233.275
	Total					1893.597 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					284.040
	Cost of 1 sqm					2177.64
	Add labour cess @ 1%					21.776
	Rate including labour cess					2199.41
			Say	**Rs.2199.40**	**Per sqm**	
11.50	**Deduct for not grouting the joints with white cement and matching pigment in the items of fixing of vitrified tiles.**					
	Details of cost for 1 sqm.					
	MATERIAL:					
	Mortar for pointing in white cement with matching pigment	L.S.	3.12	1.80	9999	5.62
	Labour	L.S.	1	1.80	9999	1.80
	Total					7.416
	Add for water charges @ 1 %					0.074
	Total					7.490 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1.052
	Total					8.543 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1.281
	Cost of 1 sqm					9.82
	Add labour cess @ 1%					0.098
	Rate including labour cess					9.92
	Say		**Say**	**Rs.9.90**	**Per sqm**	
11.51	**Providing and laying machine cut, mirror polished, Italian Marble stone flooring laid in required pattern in linear portion of the building all complete as per architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm including pointing with white cement slurry admixed with pigment to match the marble shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.**					
	a. 18 mm thick Italian Marble stone slab,Perlato, Rosso verona, Fire Red or Dark Emperadore etc.					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Details of cost for 10 sqm.					
	18 mm thick italian marble stone slab					
	10.00 sqm					
	Add for wastage 15%= 1. 50 sqm					
	18 mm thick Italian marble stone slab					
	Total: 11.50 sqm					
	18 mm thick Italian Marble stone slab, Perlato (slab area up to 0.5 sqm).	sqm	11.5	2978.31489	1240	34250.62
	Base mortar1:4 (1 cement :4 coarse sand)					
	Rate as per Item Number 2113 of SH: Mortars	cum	0.224	2534.722	2113	567.78
	Cemnt for slurry@, 4.4 kg/sqm					
	(i) for bedding=44 kg+					
	(ii) for jointing= 6 kg					
	Total=50 kg					
	White Cement	tonne	0.05	10424.1021	368	521.21
	Carriage of cement	tonne	0.05	0	2209	0.00
	Carriage of marble slab	L.S.	26.91	1.80	9999	48.44
	LABOUR:					
	For finishing , polishing and fixing					
	Mason (brick layer) 1st class	day	1.2	342.00	123	410.40
	Beldar	day	1	254.00	114	254.00
	Coolie	day	1	265.00	115	265.00
	Skilled Beldar (for floor rubbing etc.)	day	5	305.00	139	1525.00
	Machine for rubbing of floors	day	4	350.00	13	1400.00
	Mortar for pointing in white cement	L.S.	25.74	1.80	9999	46.33
	TOTAL					39288.77
	Add Water Charges @ 1%					392.89
	TOTAL					39681.66 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					5575.273
	Total					45256.935 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					6788.540
	Cost of 10 sqm					52045.48
	Cost of 1 sqm					5204.55
	Add labour cess @ 1%					52.05
	Rate including labour cess					5256.59
	Say		**Say**	**Rs.5256.60**	**Per sqm**	

11.52 Providing and laying machine cut, mirror polished Marble stone flooring, in required design (Simple geometrical, abstract etc.) and in patterns in combination with Italian marble stones of different colours, shades and finished surface texture etc., in linear portions of the building, all complete as per the shades and finished surface texture etc., in linear portions of the building, all complete as per the architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm including pointing with white cement slurry admixed with pigment to match the marble shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.

a. 18 mm thick Italian Marble stone slab,Perlato, Rosso verona, Fire Red or Dark Emperadore etc.

Details of cost for 10.00 sqm.
MATERIAL:
18 mm thick italian marble stone slab
10.00 sqm
Add for wastage 20%= 2.00 sqm
Total: 12.00 sqm

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	18 mm thick Italian Marble stone slab, Perlato (slab area up to 0.5 sqm).	sqm	12	2978.31489	1240	35739.78
	Base mortar1:4 (1 cement :4 coarse sand)					
	Rate as per Item Number 3.9 of SH: Mortars	cum	0.224	2534.722	3.9	567.78
	Cemnt for slurry@, 4.4 kg/sqm					
	(i) for bedding=44 kg+					
	(ii) for jointing= 6 kg					
	Total=50 kg					
	White Cement	tonne	0.05	10424.1021	368	521.21
	Carriage of cement	tonne	0.05	0	2209	0.00
	carriage of marble slab	L.S.	26.91	1.80	9999	48.44
	LABOUR:					
	For finishing , polishing and fixing					
	Mason (brick layer) 1st class	day	1.75	342.00	123	598.50
	Coolie	day	1.25	254.00	115	317.50
	Beldar	day	1	265.00	114	265.00
	Skilled Beldar (for floor rubbing etc.)	day	5	305.00	139	1525.00
	Machine for rubbing of floors	day	4	350.00	13	1400.00
	Mortar for pointing in white cement	L.S.	25.74	1.80	9999	46.33
	TOTAL					41029.532
	Add Water Charges @ 1%					410.29532
	TOTAL					41439.83 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					5822.296
	Total					47262.123 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					7089.318
	Cost of 10 sqm					54351.44
	Cost of 1 sqm					5435.14
	Add labour cess @ 1%					54.35
	Rate including labour cess					5489.50
	Say		**Say**	**Rs.5489.50**	**Per sqm**	

11.53 Providing and fixing Glass mossaic tiles at finished plain wall surface of size 20 mm x 20 mm x 4 mm in all colour, design , fixing in customize design as per direction of Engineer-in- Charge. The glass mosaic tiles to be fixed on the wall surface with the help of approved adhesive applied at the rate of 2.5 kg per sqm and grouting of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer-in-Charge.

	Details of cost for 8.00 sqm.					
	Glass mossaic tiles (10 mm x 10 mm x 4mm)					
	Add for wastage 2.5%= 0.2 sqm					
	Total: 8.20 sqm					
	MATERIAL:					
	Glass mossaic tiles (20 mm x 20 mm x 4 mm).	sqm	8.2	1001.45838	1242	8211.96
	Tile fixing chemical adhesive	kg	20	18.6144681	1243	372.29
	Cement Polymer Grout Compound	kg	10	23.2680851	1244	232.68
	Acid for cleaning tiles	litre	4	16.7530213	1245	67.01
	Carriage of tiles (8x6.24=49.92)	L.S.	49.92	1.80	9999	89.86
	LABOUR:					
	Mason (brick layer) 1st class	day	1.6	342.00	123	547.20
	Coolie	day	1.6	265.00	115	424.00
	Sundries including carriage of adhesive etc.	L.S.	26.91	1.80	9999	48.44
	TOTAL					9993.44
	Add Water Charges @ 1%					99.93435
	TOTAL					10093.37 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					1418.118
	Total					11511.488 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1726.723
	Cost of 8 sqm					13238.21
	Cost of 1 sqm					1654.7764
	Add labour cess @ 1%					16.548
						1671.32
	Say	**Say**		**Rs.1671.30**	**Per sqm**	

11.54 Providing and fixing removable raised/false access flooring with system and its components of approved make for different plenum height with possible height adjustment upto 50 mm, comprising of modular load bearing floor panels supported on G.I. rectangular stinger frame work and G.I. Pedestal etc. all complete, as per the architectural drawings, as specified and as directed by Engineer-in-charge consisting of :a) P roviding at required spacing to form modular framework, pedestals made out of GI tube of thickness minimum 2 mm and 25 mm outer diameter, fully welded on to the G.I. Base plate of size 100mmx100mmx3mm at the bottom of the pedestal tube, G.I. pedestal head of size 75mmx75mmx3.5 mm welded with GI fully threaded stud 16mm outer diameter with two GI Check nuts screwed on the stud for level adjustment upto 50mm, locking and stabilizing the pedestal head in position at the required level. The pedestals shall be fixed to the subfloor (base)through base plate using epoxy based adhesive of approved make or the machine screw with rawl plug.

b) S tringers system in all steel construction hot dipped galvanized of rectangular size 570x20x30x0.80 mm thick having holes at both ends for securing the stringers on to the pedestal head using fully threaded screws ensuring maximum lateral stability in all directions, the grid formed by the pedestal and stringer assembly shall receive the floor panel, this system shall provide adequate solid,rigid support for access floor panel, the system shall provide a minimum clear uninterrupted clearance between the bottom of the floor for electrical conduits and wiring etc. all complete as per the architectural drawings, as specified and as directed by the Engineer-in-charge.

c) providing and fixing Access Floor panel of 600x600x32 mm medium grade Filled Steel anti static high pressure Lamination of 800H grade (FS800H). Access Floor panel shall finished with Anti-static High Pressure laminate with Non Warp technology uptobe steel welded construction with an enclosed bottom pan with uniform pattern of 64 hemispherical cones. The top and bottom plates of Steel Gauges: top 0.6 mm and bottom 0.7 mm fused spot welded together (minimum 64 welds in each dome and 20 welds along each flange). The panel should be Corroresist epoxy coated for lifetime rust protection and cavity formed by the top and bottom plate is filled with Pyrogrip noncombustible Portland cementitious core mixed with lightweight foaming compound. The access floor shall be factory core mixed with lightweight foaming compound. The access floor shall be factory 1mm thickness for superior adhesion and Surface flatness within 0.75mm.The panel is to withstand a Concentrated Load of 363 kgs applied on area 25mm x 25mm The panel will withstand and Uniformly Distributed Load (UDL) minimum 1250 kg/sqm and an impact load of 50kg all complete as per the approved manufacturers specification and as per the direction of Engineer-in-charge. All specification must be printed on the side of the panel to ensure the quality of the product.

11.54.1 300 mm Finished Floor Height (FFH).

MATERIAL:

Details of cost for 100.00 sqm.					
FS800H Grade Flooring Panel (Size 600 x600 mm x32 mm)	each	292	698.042553	2711	203828.43
(i/c 5 % wastage)					
Zinc Electroplated Pedestals - 300 mm	each	360	130.301277	2712	46908.46

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Zinc Electroplated Tube Stinger	each	570	61.4277447	2714	35013.81	
	Machine Screw for Fixing	each	1140	1.86144681	2715	2122.05	
	Rawl plug 50 mm (designation 10 nos)	each	1440	9.30723404	7048	13402.42	
	Carriage of material	L.S.	490	1.80	9999	882.00	
	LABOUR:						
	Carpenter 1st class	day	25	342.00	111	8550.00	
	Beldar	day	25	254.00	114	6350.00	
	Sundries	L.S.	329	1.80	9999	592.20	
	TOTAL					317649.37	
	Add Water Charges @ 1%					3176.49	
	TOTAL					320825.86	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					45076.033	
	Total					365901.893	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					54885.284	
	Cost of 100.00 sqm					420787.18	
	Cost of 1 sqm					4207.87	
	Add labour cess @ 1%					42.079	
						4249.95	
	Say		**Say**	**Rs.4250.00**	**Per sqm**		
11.54.2	**450 mm Finished Floor Height (FFH).**						
	Details of cost for 100.00 sqm.						
	MATERIAL:						
	FS800H Grade Flooring Panel (Size 600 x600 mm x32 mm)	each	292	698.042553	2711	203828.43	
	Zinc Electroplated Pedestals - 450 mm	each	360	186.144681	2713	67012.09	
	Zinc Electroplated Tube Stinger	each	570	61.4277447	2714	35013.81	
	Machine Screw for Fixing	each	1140	1.86144681	2715	2122.05	
	Rawl plug 50 mm (designation 10 nos)	each	1440	9.30723404	7048	13402.42	
	Carriage of material	L.S.	490	1.80	9999	882.00	
	LABOUR:						
	Carpenter 1st class	day	25	342.00	111	8550.00	
	Beldar	day	25	254.00	114	6350.00	
	Sundries	L.S.	329	1.80	(9999)	592.20	
	TOTAL					337752.99	
	Add Water Charges @ 1%					3377.53	
	TOTAL					341130.52	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					47928.838	
	Total					389059.360	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					58358.904	
	Cost of 100.00 sqm					447418.26	
	Cost of 1 sqm					4474.18	
	Add labour cess @ 1%					44.742	
						4518.92	
	Say		**Say**	**Rs.4518.90**	**Per sqm**		
11.72	**Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,**						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	(Assuming 9.3m2 area=100sft)					
	(A) Material					
	1) brick 300 nos	per 1000nos	300.00	5010.00	(2602)	Rs.1503.00
	11)Local sand	m3	0.14	117.66	(6501)	Rs.16.59
	111)sundries	1 time	1.50	1.80	(9999)	Rs.2.70
	(B) Labour					
	I Mason	nos	0.50	305.00	(0124)	Rs.152.50
	II Unskilled mazdor	nos	1.00	254.00	(0L01)	Rs.254.00
	Total					Rs.1928.79
	Add Water Charges @ 1%					19.29
	TOTAL					1948.08 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					273.705
	Total					2221.783 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					333.267
	Cost of 9.3sqm					Rs.2555.05 (A)
	cost of 1.0sqm					Rs.274.74
	Add labour cess @ 1%					Rs.2.75
	Rate including labour cess					Rs.277.49
	Hance rate per m2			Say	**Rs.277.50**	
11.73	**Providing designation 100 A one brick on edge soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,**					
	(Assuming area=9.3m2)					
	A Materials					
	I) bricks	per 1000nos	500	5010.00	(6501)	2505.00
	II)Local sand	m3	0.283	117.66	(6501)	33.30
	Sundries	1 time	1.5	1.80	(9999)	2.70
	Labour					
	I mason	nos	0.65	305.00	(0124)	198.25
	Unskilled Maz	nos	1.25	254.00	(0L01)	317.50
	Total					3056.75
	Add Water Charges @ 1%					30.57
	TOTAL					3087.32 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					433.77
	Total					3521.08 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					528.16
	Cost of 9.3sqm					4049.25 (A)
	cost of 1.0sqm					435.40
	Add labour cess @ 1%					4.35
	Rate including labour cess					439.75
	Hance rate per m2			Say	**Rs.439.80**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.74	**Providing designation 100 B one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I, but excluding carriage cost of bricks & sand.** **(assuming area=9.3m2)**					
	Cost as per item no11.72(A)		1	2555.05	(11.72) A	2555.05
	Less difference in the cost of 1st class and 2nd class with 15% C.P & O.H.C	per 1000nos	300	-496.80	(2603-2602)	-149.04
						2406.01
	Hence Rate per m2 =					258.71
	Add labour cess @ 1%					2.59
	Rate including labour cess					261.30
			Say		**Rs.261.30**	
11.75	**Providing designation 100 B one brick on edge soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I,**					
	Cost as per item 11.73(A)		1	4049.25		Rs.4049.25
	Less difference in the cost of 1st class and 2nd class with 15% C.P & O.H.C	per 1000nos	500	-496.80		-Rs.248.40
						Rs.3800.85
	Hence Rate per m2 =					Rs.408.69
	Add labour cess @ 1%					4.090
	Rate including labour cess					412.783
			Say		**Rs.412.80**	
11.76	**Providing average 150mm thick dry rammed khoa beaten to 112mm (compacted with water) made of well burnt or jhama bricks including ramming properly till compacted thickness is achieved, curing and carriage of water with all leads, making proper slope and blinding the top with cement mortar (1: 10) all complete as per building specification and direction of E/I,**					
	Assuming 9.3m2					
	(A) Materials					
	(I) Brick Khoa	m3	1.416	1452.00	(0287)	2056.03
	(II) Cement 0.004m3	Per Mt.	0.006	5474.00	(0367)	32.84
	(III) Local sand	m3	0.004	160.69	(0982)	0.64
	(IV) Sundries	1 time	1.5	1.80	(9999)	2.70
	(B) labour					
	1 Mason	Nos	0.125	305.00	(0124)	38.13
	2 Unskilled maz.	Nos	2	254.00	(0L01)	508.00
	Total					2638.34

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add Water Charges @ 1%					26.38
	TOTAL					2664.73 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					374.39
	Total					3039.12 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					455.87
	Cost of 9.3sqm					3494.99 (A)
	cost of 1.0sqm					375.81
	Add labour cess @ 1%					3.76
	Rate including labour cess					379.57
	Hance rate per m2		Say	**Rs.379.60**		

11.77 Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.

Details of cost for 10sqm

MATERIAL:

Interlocking C.C. paver block (60 mm thick, M-30)	sqm	10	325.75	(8689)	3257.53
Bedding Layer 50mm thick					
Coarse sand (zone III) =10x0.050=0.50 cum	cum	0.5	160.69	(0982)	80.35
Carriage of coarse sand	cum	0.5	0	(2203)	0.00
Fine sand (zone IV)	cum	0.15	117.66	(0983)	17.65
Carriage of fine sand (1 part c sand: 2 parts F.sand)	cum	0.15	0	(2261)	0.00
Laying charges (Based on actual observation)					
Mason (brick layer) 1 st class	day	0.5	342.00	(0123)	171.00
Mason (brick layer) 2nd class	day	0.5	305.00	(0124)	152.50
Beldar	day	1	254.00	(0114)	254.00
Coolie	day	0.5	265.00	(0115)	132.50
TOTAL					4065.53
Add Water Charges @ 1%					40.66
TOTAL					4106.18 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					576.918
Total					4683.100 (Y)
Add for contractor's profit and overheads @ 15% on "Y"					702.465
Cost of 10 sqm					5385.56
Cost of 1 sqm					538.56
Add labour cess @ 1%					5.390
Rate including labour cess					543.95
		Say	**Rs.543.90**	per sqm	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
11.78	**Providing and laying factory made coloured chamfered edge Cement Concrete paver blocks of required strength, thickness & size/shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of fine sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern,finishing and sweeping extra sand in footpath, parks, lawns, drive ways or light traffic parking etc.complete as per manufacturer's specifications & direction of Engineer-in-Charge.** **60mm thick C.C.paver block of M-35 grade with approved colour, design & pattern.**					
	Details of cost for 10.00 sqm					
	MATERIAL:					
	Coloured inter locking C.C. paver Block	sqm	10	465.36	(7773)	4653.62
	Fine sand (zone IV)	cum	0.5	117.66	(0983)	58.83
	Carriage of fine sand (1 part badarpur sand: 2 parts jamuna sand)	cum	0.65	0	(2261)	0.00
	LABOUR:					
	Mason (brick layer) 1 st class	day	0.5	342.00	(0123)	171.00
	Mason (brick layer) 2nd class	day	0.5	305.00	(0124)	152.50
	Beldar	day	1	254.00	(0114)	254.00
	Coolie	day	0.5	265.00	(0115)	132.50
	Sundries including plate vibrator etc.	L.S.	25	1.80	9999	45.00
	TOTAL					5467.45
	Add Water Charges @ 1%					54.67
	TOTAL					5522.12 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					775.858
	Total					6297.980 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					944.697
	Cost of 10.00 sqm					7242.68
	Cost of 1 sqm					724.27
	Add labour cess @ 1%					7.240
	Rate including labour cess					731.51
			Say	**Rs.731.50**	**per sqm**	
11.79	**Providing and laying factory made chamfered edge Cement Concrete paver blocks of required strength,thickness & size/shape, made by table vibratory method , to attain superior smooth finish using PU or equivalent moulds, laid in required Grey colour & pattern over 50mm thick compacted bed of coarse sand, compacting and proper embedding / laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, parks,lawns, drive ways or light traffic parking etc. all complete as per manufacturer's specifications & direction of Engineer -in-Charge:**					
11.79.1	**(a) 80 mm thick c.c. paver block of M-35 grade with approved colour design and pattern.**					
	Details of cost for 10.00 sqm					
	Materials.					
	Interlocking C.C. paver block (80 mm thick, M-30)	sqm	10	526.65	(8779)	5266.50
	Bedding layer - 50mm thick					
	Coarse sand =10x0.050=0.50 cum	cum	0.5	160.69	(0982)	80.35
	Carriage of coarse sand	cum	0.5	0	(2203)	0.00
	Fine sand	cum	0.15	117.66	(0983)	17.65
	Carriage of fine sand (1 part Badarpur Sand: 2 Part Jamuna sand	cum	0.15	0	(2261)	0.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Labour for Laying					
	Mason -1st class	Day	0.5	342.00	(0123)	171.00
	Mason -2nd class	Day	0.5	305.00	(0124)	152.50
	Beldar	Day	1	254.00	(0114)	254.00
	Coolie	Day	0.5	265.00	(0115)	132.50
	TOTAL					6074.49
	Add Water Charges @ 1%					60.74
	TOTAL					6135.24 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					862.001
	Total					6997.240 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1049.586
	Cost of 10 Cum					8046.83
	Cost of One Cum					804.68
	Say					8.050
	Rate including labour cess					812.73
			Say	**Rs.812.70**	**per sqm**	
11.79.2	**(b) 80 mm thick c.c. paver block of M-35 grade with white colour design and pattern.**					
	Details of cost for 10.00 sqm					
	Materials.					
	Interlocking C.C. paver block (80 mm thick, M-30)	sqm	10	497.19	(8779)	4971.90
	Bedding layer - 50mm thick					
	Coarse sand =10x0.050=0.50 cum	cum	0.5	160.69	(0982)	80.35
	Carriage of coarse sand	cum	0.5	0	(2203)	0.00
	Fine sand	cum	0.15	117.66	(0983)	17.65
	Carriage of fine sand (1 part Badarpur Sand: 2 Part Jamuna sand	cum	0.15	0	(2261)	0.00
	Labour for Laying					
	Mason -1st class	Day	0.5	342.00	(0123)	171.00
	Mason -2nd class	Day	0.5	254.00	(0124)	127.00
	Beldar	Day	1	254.00	(0114)	254.00
	Coolie	Day	0.5	265.00	(0115)	132.50
	TOTAL					5754.39
	Add Water Charges @ 1%					57.54
	TOTAL					5811.94 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					816.577
	Total					6628.515 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					994.277
	Cost of 10 Cum					7622.79
	Cost of One Cum					762.28
	Say					7.620
	Rate including labour cess					769.90
			Say	**Rs.769.90**	**per sqm**	

SUB HEAD : 12.0
ROOFING

12.0 Roofing

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.1	**Providing corrugated G.S. sheet rooing fixed with G.I. J hooks, bolts and nuts 8 mm diameter with bitumen and G. I. limpet washers or with G.I. limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (upto a pitch of 60°) excluding the cost or purlins, rafters and trusses.**					
12.1.3	**1.00 mm thick with zine coating not less than 275 gm/m^2**					
	Details of Cost for area of roof 2x18.09x5.1=184.518 sqm Materials: C.G.S sheets 2x27=54 nos. of size 2.5x0.9 metre @ 19.35 kg each=1044.90 kg. 2x27=54 nos. of size 2.8x0.9 @ 21.67 kg. each =1170.18 kg Total =2215.08 kg Add 5% Wastage =110.75 kg 2325.83 kg 23.26 quintals	quintal	23.260	5576.270	(3050)	129704.04
	Carriage of C.G.S. sheets	tonne	2.326	0.000	(2302)	0.00
	G.I. Seam bolls and nuts 60 cm centre to centre zig i.e. 30cm centre to centre straight Breadth is 5.1 metre No. of bolts in one lap =5.1/0.3 = 17 2x26x(laps)x17 nos.-884 nos.	ten	88.400	35.367	(1022)	3126.49
	(a) G.I. J. or L hooks 6mm dia (No. of purlins to be used 5 on either side)2x5x27 (No. of sheets)x23 nos. of bolts in each sheet=810 nos.	ten	81.000	107.033	(1023)	8669.69
	(e) Limpet washers (total of seam and J bolts} 684+810+=1694	cent	16.940	32.575	(1207)	551.83
	(0 Bitumen washers	cent	16.940	27.922	(1208)	472.99
	(g) Carriage of bolts and washers etc.	LS	26.910	1.800	(9999)	48.44
	(h) Sundries	LS	53.820	1.800	(9999)	96.88
	Labour:					
	Mistry	per day	1.300	254.000	(0130)	330.20
	Carpenter 11 class	per day	15.500	305.000	(0112)	4727.50
	Beldar	per day	15.500	254.000	(0114)	3937.00
	Zine chromate yellow primer	litre	2.530	81.904	(4202)	207.22
	Carnage of material	LS	0.520	1.800	(9999)	0.94
	Painter	per day	1.130	323.000	(0131)	364.99
	Coolie	per day	1.130	265.000	(0115)	299.45
	Brushes. Sand papers i/c sundries	LS	50.570	1.800	(9999)	91.03
	Ready mixed paint on new work Paint	litre	3.750	103.332	(0845)	387.50

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Carriage of paint	LS	6.760	1.800	(9999)	12.17
	Painter	per day	2.530	323.000	(0131)	817.19
	Coolie	per day	2.530	265.000	(0115.)	670.45
	Brushes and Sandpapers	LS	31.980	1.800	(9999)	57.56
	Sundries	LS	38.090	1.800	(9999)	68.56
	Total					154642.10
	Add for water charges @ 1 %					1546.42
	TOTAL					156188.52 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					21944.487
	Total					178133.004 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					26719.951
	Cost of 184.518 sqm					204852.95
	Cost of 1 sqm					1110.21
	Add labour cess @ 1%					11.10
	Rate including labour cess					1121.31

Say Rs.1121.40 per sqm

12.1.4 **0.8mm thick with zinc coating not less than 275 gm/m^2**

Considering a roof with each sloping side/8.09x5.1 m and the slopes bing flatter than 1 vertical to 2.5 horizontal.

Details of cost for area of roof-2x 18.00x5.1=184 518 sqm
Details of Length & Breadth.
Length-
26(Laps)x0.135 (each lap)=3.51
Width of corrugated sheet v/ith 10 corrugations. measures end to end =0.80 metres.
27 (nos. of sheets)x0.80(width of sheet)=21.60 length
Less Laps =3.51
Langth =18.09
Breadth on one side-
C.G.I. sheet 1 No. of *2.5* moires length
C.G.I sheet 1 No. of *2.5* metres length
5.3 metres
Deduct end lap of 20cm (-) 0.2
Breadth 5.1

Materials:

C.G.I sheets 0.6 mm !hick-2x27=nos. *(a)* 15.32 kg.

each =354.33 kg. (X)
2.5 m x 0.9 m is the sixe of plain G.i. Sheet which on being corrugated will become 2.5 m x 0.8m) (The size of plain sheet is taken because the weight is available only of plain sheets) (Refer I.S. Code 277.1952). 2x27=54 nos. of size 2.8x0.9 @ 17.72 kg. each=956.8 kg (Y)

Total of (X)+(Y) =1811.16 kg.
CO. 1811.16 kg.
Wastage =1811.16 kg.
Add for @ 5% = 90.56 kg.

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	1901.72 kg.					
	(a) 19.0172 q	quintal	19.02	5576.27	(3050)	106060.66
	(b) Carriage of sheets	tonne	1,902	0	(2302)	0.00
	(c) G.I. Seam bolts and nuts 60 cm centre to centre zig zag-i.e. 30 cm centre to centre straight. No. of bolts in one lap=(5.1/0.3)-17 nos. 2x25 (laps)xi 7 = 884 nos.	ten	88.4	35.367	(1022)	3126.49
	(d) G.I.J. or L hooks 8 mm din. (No. of purlins to be-used 5 on either side)2x5x27 (No. of sheets)x2.3 No. of bolls in each sheet) =810 nos.	ten	81	107.03319	(1023)	8669.69
						117856.83
	(e) Limpet washers (Total of seam and J bolts) =884+810=1694	cent	16.940	32.575	(1207)	117856.83 551.83
	(0 Bitumen washers	cent	16.940	27.922	*(1208)*	472.99
	(g) Cerriage of bolts and washers etc.	LS	26.910	1.800	(9999)	48.44
	(H) Sundries	LS	53.820	1.800	(9999)	96.88
	Labour:					
	Mistry	per day	1.300	254.000	(0130)	330.20
	Caarpenterll class	per day	15.500	305.000	(0112)	4727.50
	Beldar	per day	15.500	254.000	(0114)	3937.00
	Chromate yellow primer	litre	2.530	81.904	(4202)	207.22
	Carriage of material	LS	0.520	1.800	(9999)	0.94
	Painter	per day	1.130	323.000	(0131)	364.99
	Coolie	per day	1.130	265.000	(0115)	299.45
	Brushes, sand papers i/c sundries	LS	50.570	1.800	(9999)	91.03
	Ready mixed paint on new work paint	litre	3.750	103.332	(0845)	387.50
	Carriage of paint	LS	*6.760*	*1.800*	(9999)	12.17
	Painter	per day	2.530	323.000	(0131)	817.19
	Coolie	per day	2.530	265.000	(0115)	670.45
	Brushes and sandpapers	LS	31.980	1.800	(9999)	57.56
	Sundries	LS	38.090	1.800	(9999)	68.56
	Total					130998.71
	Add for water charges @ 1%					1309.99
	TOTAL					132308.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					18589.372
	Total					150898.071 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					22634.711
	Cost of 184.518 sqm					173532.78
	Cost of 1 sqm					940.47
	Add labour cess @ 1%					9.40
	Rate including labour cess					949.87
				Say	**Rs.949.90**	**per sqm**

12.1.5 0.63mm thick with zinc coating not less than 275 gm/m^2

Details of cost for area of roof
2x18.09x5.1 = 184.518 sqm
Materials:
C.G.I. Sheets 2x27-54 nos. of size 2.5x0.9 metres @ 12.82kg each= 692.28kg 'L' 2x27=54 nos of size 2.6x0.9 metres (a)14.38 kg each
775.44 kg 'M'
Total 'L'+M'=1467 72 kg
Add 5% wastage =73.39 kq./71541.11kg

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	i.e. 15.4111 quintal					
	Carriage of C.G.I, sheets/tonne	quintal	15.410	5576.270	(3050)	85930.32
	G.I. seam bolts and nuts 60 cm centra to centre Zig-zag i.e. 30 cm centre to centre straiaht Breadth is 5.1 metre No. of bolts in one lap	tonne	1.540	0.000	(2302)	0.00
	=5-1/0.3=17					
	2x26(laps)x17=884nos.					
	(d) G.I.J or L hookds 8mm dia (No of purlines to be used .5 on: either s.de)2x5x27 (No. of sheets)x2.3 No. of bolts in each sheet)=810nos	ten	88.400	35.367	(1022)	3126.49
	(e) Limpet washers (Total of seam and J botls					
	= 884 + 810 = 1694	ten	81.000	107.033	(1023)	8669.69
	(f) Bitumen washers	cent	16.940	32.575	(1207)	551.83
	(g) Carriage of bolts and wasshers et-	cent	16.940	27.922	(1208)	472.99
	(H) Sundries	LS	26.910	1.800	(9999)	48.44
		LS	53.820	1.800	(9999)	96.88
						98896.63
	Labour:					98896.63
	Mistry	perday	1.300	254.000	(0130)	330.20
	Carpenter II class	per day	15.500	305.000	(0112)	4727.50
	Beldars	per day	15.500	254.000	(0.114)	3937.00
	Chromate yellow primer	litre	2.530	81.904	(4202)	207.22
	Carriage of material	LS	0.520	1.800	(9999)	0.94
	Painter	per day	1.130	323.000	(0131)	364.99
	Coolie	per day	1.130	265.000	(0115)	299.45
	Brushes, sand papers i./e. sundries	LS	50.570	1.800	(9999)	91.03
	Ready mixed paint on new work paint	litre	3.750	103.332	(0845)	387.50
	Carriage of paint	LS	2.600	1.800	(9999)	4.68
	Painter	per day	2.530	323.000	(0131)	817.19
	Coolie	per day	2.530	265.000	(0115)	670.45
	Brushes and sandpapers	LS	31.980	1.800	(9999)	57.56
	Sundries	LS	38.090	1.800	(9999)	68.56
	Total					110860.89
	Add for water charges @ 1%					1108.61
	TOTAL					111969.50 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					15731.714
	Total					127701.212 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					19155.182
	Cost of 184.518 sqm					146856.39
	Cost of 1 sqm					795.89
	Add labour cess @ 1%					7.96
	Rate including labour cess					803.85
			Say	**Rs.803.90**	**per sqm**	
12.20	**Extra for providing and fixing corrugated G. S. sheets vertically or to a pitch exceeding 60**					
	Beldar	per day	5.000	254.000	(0114)	1270.00
	Add for water charges @ 1 %					12.70

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	TOTAL					1282.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					180.219
	Total					1462.919 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					219.438
	Cost of 184.518 sqm					1682.36
	Cost of 1 sqm					*9.12*
	Add labour cess @ 1%					0.09
	Rate including labour cess					9.21
			Say	**Rs.9.20**	**per sqm**	
12.3	**Extra for providing and fixing curved C.G.S. sheets on roofing**					
12.3.4	**0.80 mm truck**					
	Details of cost for 184.518 sqm					
	Extra for making the sheets curved					
	Labour:					
	Mistry	oer dav	0.130	254.000	(0130)	33.02
	Carpenter II class	per day	2.500	305.000	(0112)	762.50
	Beldars	per day	2.500	254.000	(0114)	635.00
	Total					1430.52
	Add for water charges @ 1%					14.31
	TOTAL					1444.83 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					202.998
	Total					1647.823 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					247.173
	Cost of 184.518 sqm					1895.00
	Cost of 1 sqm					10.27
	Add labour cess @ 1%					0.10
	Rate including labour cess					10.37
			Say	**Rs.10.40**	**per sqm**	
12.3.5	**0.63 mm thick**					
	Details of cost for 184.518 sqm					
	Extra for making the sheets curved					
	Labour:					
	Mistry	per day	0.130	254.000	(0130)	33.02
	Carpenter II class	per day	2.00	305.00	(0112)	610.00
	Beldar	per day	2.00	254.00	(0114)	508.00
	Total					1151.02
	Add for water charges @ 1%					11.51
	TOTAL					1162.53 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					163.335
	Total					1325.866 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					198.880
	Cost of 184.518 sqm					1524.75
	Cost of 1 sqm					8.26
	Add labour cess @ 1%					0.08
	Rate including labour cess					8.34
			Say	**Rs.8.30**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.4	**Extra for straight cutting in C.G. S. sheet roofing for making opening of area exceeding 40 decm^2 for .chimney stacks , sky light etc.**					
12.4.3	**1.00 mm thick**					
	Details of cost for 3.00 metres periphery					
	Labour:					
	Blacksmith first class	per day	0.15	342.00	(0102)	51.30
	Beldar	per day	0.15	254.00	(0114)	38.10
	Total					89.40
	Add for water charges @ 1%					0.89
	TOTAL					90.29 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					12.686
	Total					102.980 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					15.447
	Cost of 3 m					118.43
	Cost of t in					39.48
	Add labour cess @ 1%					0.39
	Rate including labour cess					39.87
			Say	**Rs.39.90**	**per m**	
12.4.4	**0.80 mm thick**					
	Details of cost for 3 metres periphery					
	Labour:					
	Blacksmith first class	per day	0.12	342.00	(0102)	41.04
	Beldar	per day	0.12	254.00	(0114)	30.48
	Total					71.52
	Add for water charges @ 1%					0.72
	TOTAL					72.24 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					10.149
	Total					82.384 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					12.358
	Cost of 3 m					94.74
	Cost of 1 rn					31.58
	Add labour cess @ 1%					0.32
	Rate including labour cess					31.90
			Say	**Rs.31.90**	**per m**	
12.4.5	**0.63 mm thick**					
	Details of cost for 3 metres periphery					
	Labour:					
	Blacksmith firs! class	per day	0.12	342.00	(0102)	41.04
	Beldar	per day	0.12	254.00	(0114)	30.48
	Total					71.52
	Add for water charges @ 1%					0.72
	TOTAL					72.24 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					10.149
	Total					82.384 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					12.358
	Cost of 3 m					94.74
	Cost of 1 m					31.58

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add labour cess @ 1%					0.32
	Rate including labour cess					31.90
			Say	**Rs.31.90**	**per m**	
12.5	**Extra for circular cutting in C. G. S. sheet roofing for making opening of area exceeding 40 square decimetre .**					
12.5.3	**1.0 mm thick**					
	Details of cost for 15.71 metre of periphery					
	Labour:					
	Blacksmith first class	per day	3.130	342.000	(0102)	1070.46
	Beldar	per day	6.260	254.000	(0114)	1590.14
	Total					2660.60
	Add for water charges @ 1%					26.61
	TOTAL					2687.21 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					377.553
	Total					3064.760 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					459.714
	Cost of 15.71 m					3524.47
	Cost of 1 m					224.35
	Add labour cess @ 1%					2.24
	Rate including labour cess					226.59
			Say	**Rs.226.60**	**per m**	
12.5.4	**0.80 mm thick**					
	Details of cost for 15.71 metres					
	Labour:					
	Blacksmith first class	per day	2.500	342.000	(0102)	855.00
	Beldar	per day	5.000	254.000	(0114)	1270.00
	Total					2125.00
	Add for water charges @ 1%					21.25
	TOTAL					2146.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					301.548
	Total					2447.798 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					367.170
	Cost of 15.71 m					2814.97
	Cost of 1 m					179.18
	Add labour cess @ 1%					1.79
	Rate including labour cess					180.97
			Say	**Rs.181.00**	**per m**	
12.5.5	**0.63 mm thick**					
	Details of cost for 15.71 metres					
	Labour:					
	Blacksmith first class	per day	2.500	342.000	(0102)	855.00
	Beldar	per day	5.000	254.000	(0114)	1270.00
	Total					2125.00
	Add for water charges @ 1%					21.25
	TOTAL					2146.25 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					301.548
	Total					2447.798 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					367.170
	Cost of 15.71 m					2814.97
	Cost of 1 m					179.18
	Add labour cess @ 1%					1.79
	Rate including labour cess					180.97
				Say	**Rs.181.00**	**per metre**
12.6	**Providing ridges or hips of width 60 cm over all width plain G.S. sheet fixed w.th G.I.J. or L hooks . Bolts and nuts 8 mm dia. G. I. limpet and bitumen washers complete**					
12.6.1	**0.80 mm thick with zinc coating not less than 275 gm/m^2 Consider the length of the ridge 10.35 metres. The ridqe will be made out of plain G. I. sheets 0.9 m x 1.8 m .**					
	There pieces will be 0.9 m long and 0.60 m wide overiaping 22.5 cm .					
	Materials:					
	G. I. plain sheets 0.80 thick 1.60x 0 90 m size 5 nos. @					
	11.39 Kg. sheet = 56 95 kg					
	Add 2% wastage = 1.14 kg					
	58.09 kq or 0.58 q	quintal	0.580	5212.051	(0992)	3022.99
	Carnage of sheets	tonne	0.058	0.000	(2302)	0.00
	G.I seam bolts and nuts-25mmx6mm (there are 14 joints)					
	2x14=28 nos.	ten	2.800	34.437	(0222)	96.42
	G.I. plain washers	cent	0.280	27.922	(1211)	7.82
	Bitumen washers	cent	0.280	27.922	(1208)	7.82
	Carriage of seam bolts and washers	LS	1.820	1.800	(9999)	3.28
	Sundries	LS	13.520	1.800	(9999)	24.34
	Labour:					0.00
	Mistry	per day	0.400	254.000	(0130)	101.60
	Blacksmith 1st class	per day	1.200	342.000	(0102)	410.40
	Blacksmith 2nd class	per day	0.800	305.000	(0103)	244.00
	Beldar	per day	2.400	254.000	(0114)	609.60
	Total					4528.26
	Add for water charges @ 1%					45.28
	TOTAL					4573.54 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					642.583
	Total					5216.126 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					782.419
	Cost of 10.35 m					5998.55
	Cost of 1 m					579.57
	Add labour cess @ 1%					5.80
	Rate including labour cess					585.37
				Say	**Rs.585.40**	**per metre**
12.6.2	**0.63 mm thick with zinc coating not less than 275**					
	gm/m^2					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Details of cost for 10.35 metre long ridge.					
	G.I. plain sheets 0.63 mm thick .					
	1.8x0.9 m size 5 nos.@ 9.23 kg. per					
	Sheet =^R 15 kg					
	Add 2% wastage =0.92 kg.					
	47.07 kg.					
	Say 47 kg.	quintal	0.470	5212.051	(0992)	2449.66
	Carriage of G.I. sheets	tonne	0.047	0.000	(2302)	0.00
	(There are 14 joints)					
	2x14=28 nos.	ten	2.800	34.437	(0222)	96.42
	G.I. plain wasfiers	cent	0.280	27.922	(1211)	7.82
	Bitumen washers	cent	0.280	27.922	(1208)	7.82
	Carriage of seam bolts and washers	1 time	1.820	1.800	(9999)	3.28
	Sundries	1 time	13.520	1.800	(9999)	24.34
	Labour:					0.00
	Mistry	per day	0.400	254.000	(0130)	101.60
	Blacksmith 1st class	per day	1.200	342.000	(0102)	410.40
	Blacksmith 2nd class	per day	0.800	305.000	(0103)	244.00
	Beldar	per day	2.400	254.000	(0114)	609.60
	Total					3954.94
	Add for water charges @ 1%					39.55
	TOTAL					3994.48 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					561.225
	Total					4555.710 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					683.356
	Cost of 10.35 m					5239.07
	Cost of 1 m					506.19
	Add labour cess @ 1%					5.06
	Rate including labour cess					511.25
			Say	**Rs.511.20**	**per metre**	
12.7	**Providing valleys of 90 cm wide overall in plain) G.S. sheet fixed with polymer coated J or L. hooks, belts and nuts 8 mm dia. G.I. limpet and bitumen washers complete.**					
12.7.1	**1.60 mm thick with zinc coating not less than 350gm/m2**					
	Details of cost for 9 325 m					
	Materials:					
	G.I. plain sheet 2.5xO.9m					
	4 nos. @ 29.95 kg/sheet=119.80] kg.					
	Add 2% wastage=2.40 kg.					
	122.20 kg or 1.222 q	quintal	1.222	5212.051	(0992)	6369.13
	Cafrriage of sheets	tonne	0.120	0.000	(2302)	0.00
	G.I. seam bolts and nuts 25 mm x 6 mm @ 4 bolts					
	at one joint=4x3=12 nos.	ten	1.200	34.437	(0222)	41.32
	Gl plain washer	cent	0.120	27.922	(1211)	3.35
	Bitumen washers	cent	0.120	27.922	(12Q8)	3.35
	Carriage of bolts, nuts and washers	1 time	1.820	1.800	(9999)	3.28
	Sundries	1 time	13.520	1.800	(9999)	24.34
	Labour:					
	Mistry	per day	0.400	254.000	(0130)	101.60
	Blacksmith 1st class	per day	1.200	342.000	(0102)	410.40
	Blacksmith 2nd class	per day	0.800	305.000	(0103)	244.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Beldar	per day	2.400	254.000	(0114)	609.60
	Total					7810.36
	Add for water charges @ 1%					78.10
	TOTAL					7888.47 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					1108.330
	Total					8996.797 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1349.520
	Cost of 9.325 m					10346.32
	Cost of 1 m					1109.52
	Add labour cess @ 1%					11.10
	Rate including labour cess					1120.62
				Say	**Rs.1120.60**	**per metre**
12.8	**Providing flashing of 40 cm over al width in plain, G.S. sheet fixed with G.I.J. or L. hooks, bolts and nuts G.I. limpet and bitumen washers complete, bent to shape and fixed in wall with cement mortar 1:3(1 cement:3 coarse sand).**					
12.8.2	**1.00 mm thick with zinc coating not lesss than 275gm/m^2**					
	Details of cost for 12.125 m					
	Consider a length of flashing 12.125 metres.					
	Materials-					
	G.I. piain sheet 1.25 mm thick 3.2x0.75 m					
	2 nos.@20.64 kg. =41.23 kg					
	Add 2% wastage =0.83 kg					
	42.11 kg					
	or 0.4211 quintal	quintal	0.421	5212.051	(0992)	2194.79
	Carnage of sheets	tonne	0.041	0.000	(2302)	0.00
	G.I. seam bolts and nuts-25mrnmx6rnm (Taking 2 bolts per joints)	ten	0.600	34.437	(0222)	20.66
	Limpet washers	cent	0.060	32.575	(1207)	1.95
	Bitument washers	cent	0.060	27.922	(1208)	1.68
	Carriage of G.I. seam bolls and washers	1 time	0.390	1.800	(3999)	0.70
	Sundries	1 time	10.790	1.800	(9999)	19.42
	Labour:					
	Mistry	per day	0.500	254.000	(0130)	127.00
	Blacksmith 1 st class	per day	1.480	342.000	(0102)	506.16
	Blacksmith 2nd class	per day	1.000	305.000	(0103)	305.00
	Beldar	per day	3.000	254.000	(0114)	762.00
	Total					3939.37
	Add for water charges @ 1%					39.39
	TOTAL					3978.76 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					559.016
	Total					4537.781 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					680.667
	Cost of 12.125 m					5218.45
	Cost of 1 m					430.39
	Add labour cess @ 1%					4.30
	Rate including labour cess					434.69

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
			Say	**Rs.434.70**	**per metre**	
12.9	**Providing and fixing 15 cm wide 45 cm over all semi circular plain G.S. sheet gutter with iron brackets 40x3 mm size bolts, nuts and washers etc. including making necessary connections with rain water pipes complete.**					
12.9.3	**0.80 mm thick with zinc coating not less than 275 gm/m²**					
	Consider a length of 9.04m					
	Sheet used =2.5x0.90 m					
	=2 nos.					
	Wt =2x15.82=31.64 kg.					
	=0.3164 q	quintal	0.316	5212.051	(0992)	1649.09
	Carriage of sheet	tonne	0.032	0.000	(2302)	0.00
	Flats puto 10 mm in thickness	quintal	0.075	3420.409	(1008)	256.19
	Galvanised steel bolts and nuts 6 mm dia, and 25mm dia. Long round head with slots	ten	2.000	35.367	(1022)	70.73
	Galvanised steel bolts and nuts 10 mm dia and 125 mm long	each	30.000	10.238	(1024)	307.14
	G.I. plain washer thin	cent	0.700	29.783	(1210)	20.85
	Bitumen washer	cent	0.400	27.922	(1208)	11.17
	Carriage of G.I. seam bolts and washers	1 time	2.730	1.800	(9999)	4.91
	Sundries	1 time	5.330	1.800	(9999)	9.59
	Blacksmith 1 st class	per day	0.500	342.000	(0102)	171.00
	beldar	per day	0.500	254.000	(0114)	127.00
	Sundries	1 time	12.610	1.800	(9999)	22.70
	Mistry	per day	0.280	254.000	(0130)	71.12
	Blacksmith 1 st claiss	per day	0.840	342.000	(0102)	287.28
	Carpenter 2nd dass	per day	0.620	305.000	(0112)	189.10
	Beldar	per day	1.680	254.000	(0114)	426.72
	Total					3624.60
	Add for water charges @ 1%					36.25
	TOTAL					3660.84 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					514.349
	Total					4175.193 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					626.279
	Cost of 9.04 m					4801.47
	Cost of 1 m					531.14
	Add labour cess @ 1%					5.31
	Rate including labour cess					536.45
			Say	**Rs.536.40**	**per metre**	
12.9.4	**0.63 mm thick with zinc coating not less than 275gm/m²**					
	consider a length of 9.04 metres.					
	Sheet used =2.5x0.90 m					
	=2 nos.					
	Weight of si leet =2x11.82 kg.					
	=23.64 kg.					
	=0.2364 q	quintal	0.236	5212.051	(0992)	1232.13
	Carriage of sheet	tonne	0.024	0.000	(2302)	0.00
	Flats upto 10 mm in thickness	quintal	0.075	3420.409	(1008)	256.19
	Galvanised stee! bolts and nuts 6 mm dia. And 25					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	mm dia. Long round head with slots	ten	2.000	35.367	(1022)	70.73
						1559.05
	Galvanised steel bolts and nuts 10 mm dia and					1559.05
	125 mm long	each	30.000	10.238	(1024)	307.14
	G.I. plain washer thin	cent	0.700	29.783	(1210)	20.85
	Bitumen washer	cent	0.400	27.922	(1208)	11.17
	Carriage of G.I. seam bolts and washers	1 time	2.730	1.800	(9999)	4.91
	Sundries	1 time	5.330	1.800	(9999)	9.59
	Blacksmith 1 st class	per day	0.500	342.000	(0102)	171.00
	Beldar	per day	0.500	254.000	(0114)	127.00
	Sundries	1 time	12.610	1.800	(9999)	22.70
	Mistry	per day	0.280	254.000	(0130)	71.12
	Blacksmith 1st class	per day	0.840	342.000	(0102)	287.28
	Carpenter 2nd class	per day	0.620	305.000	(0112)	189.10
	Beldar	per day	1.680	254.000	(0114)	426.72
	Total					3207.63
	Add for water charges @ 1%					32.08
	TOTAL					3239.71 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					455.179
	Total					3694.890 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					554.233
	Cost of 9.04 m					4249.12
	Cost of 1 m					470.04
	Add labour cess @ 1%					4.70
	Rate including labour cess					474.74
			Say	**Rs.474.70**	**per metre**	
12.10	**Providing asbestos cement 6 mm thick corrugated sheets roofing and fixing with G.I. J or L hooks bolts and nuts 8 mm dia G. I. plain and bitumen washers complete excluding the cost or purlins, rafters and trusses corrugated sheet.**					
12.10.1	**upto 60 degree pitch**					
	Consider a shed of 20x10 metres. (External dimensions of plinth).					
	Area of roof-					
	20.2x1Q.70 m =216.14 sqm					
	Materials:					
	Sheets used = 2x20 nos.x3.00mx1.05 m=126.00 sqm					
	2x20nosx2.50mx1.05=105.00sqm					
	=231.00sqm					
	Add 3% wastage =6.93					
	=237.93 sqm	sqm	237.930	195.210	(0200)	46446.32
	2x20x0.42147 = 1.68588					
	2x20x0.35123 =1.4049					
	=3.0908					
	Add 3% wastage=0.092					
	3.1835 say 3.184t	tonne	3.184	0.000	(2302)	0.00
	G.I.J. or L hooks, with nuts and bolts 8 mm dia.	ten	47.600	107.033	(1023)	5094.78
	G.I. washers thick	cent	4.760	27.922	(1208)	132.91
	Bitumen washers thick	cent	4.760	32.575	(1209)	155.06
	Carriage of bolts and nuts, washers etc.	1 time	8.060	1.800	(9999)	14.51
	Sundries	1 time	39.520	1.800	(9999)	71.14

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Labour:					0.00
	Mistry	per day	2.340	254.000	(0130)	594.36
	Carpentar II class	per day	9.340	305.000	(0112)	2848.70
	Beldars	per day	9.340	254.000	(0114)	2372.36
	Total					57730.13
	Add for water charges @ 1%					577.30
	TOTAL					58307.43 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					8192.193
	Total					66499.620 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					9974.943
	Cost of 216.14 sqm					76474.56
	Cost of 1 sqm					*353.82*
	Add labour cess @ 1%					3.54
	Rate including labour cess					357.36
			Say	**Rs.357.40**	**Per sqm**	
12.10.2	**above 60 degree pitch**					
	Consider a shed of 20x 10 metres. (External dimensions of plinth).					
	Area of roof-					
	20.2x10,70m=216.14 sqm					
	Materials:					
	Sheets used=2x20 nos.x3.00mx1.05m=126.00 sqm					
	2x20 nos.x2.50mx1.05m=105.00 sqm					
	=231.00 sqm					
	Add 3% wastage 6.93 sqm					
	=237.93 sqm	sqm	237.930	195.21	(0200)	46446.32
	2x20x0.42147=1.68588					
	2x200x0.35123=1.4049					
	= 3.0908					
	Add 3% wastage =0.092					
	Say 3.184t 3.1835	tonne	3.184	0.00	(2302)	0.00
	G.I.J. or L hooks, with nuts and bolls 8 mm dia.	ten	47.600	107.03	(1023)	5094.78
	G.I. washers thick	cent	4.760	27.92	(1208)	132.91
	Bitumen washers thick	cent	4.760	32.58	(1209)	155.06
	Carriage of bolts and nuts, washers etc.	1 'time	8.060	1.80	(9999)	14.51
	Sundries	1 time	39.520	1.80	(9999)	71.14
	Labour:					0.00
	Mistry	per day	2.340	254.00	(0130)	594.36
	Carpentar II class	per day	9.340	305.00	(0112)	2848.70
	Beldars	per day	15.340	254.00	(0114)	3896.36
	Total					59254.13
	Add for water charges @ 1%					592.54
	TOTAL					59846.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					8408.457
	Total					68255.123 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					10238.268
	Cost of 216.14 sqm					78493.39
	Cost of 1 sqm					*363.16*
	Add labour cess @ 1%					3.63
	Rate including labour cess					366.79

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
			Say	**Rs.366.80**	**Per sqm**	
12.11	**Extra for straight cutting in A.C. corrugated, semicorrugated 6mm thick sheet roofing for making opening of area exceeding 40 dm2 for chimney stacks, skylights etc Details of cost for 3 metres of periphery Area of cutting 0.9mx0.6m=0.54 sqm; peimetre=3 metres**					
	Labour:					
	Carpenter 1st class	per day	0.120	342.00	(0111)	41.04
	Beldar	per day	0.120	254.00	(0114)	30.48
	Total					71.52
	Add for water charges @ 1%					0.72
	TOTAL					72.24 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					10.149
	Total					82.384 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					12.358
	Cost of 3 m					94.74
	Cost of 1 m					31.58
	Add labour cess @ 1%					0.32
	Rate including labour cess					31.90
			Say	**Rs.31.90**	**per metre**	
12.12	**Extra for circular cutting in A.C. corrugatet/semicorrugated 6 mm thick sheet roofing for making opening of area exceeding 40 dm2**					
	Details of cost for 4 holes of 0.72 metre diametre i.e. 9.05 metric periphery					
	Labour:					
	Carpenter 1st class	per day	1.000	342.000	(0111)	342.00
	Beldar	per day	1.000	254.000	(0114)	254.00
	Total					596.00
	Add for water charges @ 1%					5.96
	TOTAL					601.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					84.575
	Total					686.535 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					102.980
	Cost of 3 m					789.52
	Cost of 1 m					263.17
	Add labour cess @ 1%					2.63
	Rate including labour cess					265.80
			Say	**Rs.265.80**	**per metre**	
12.13	**Extra for providing and fixing wind ties of 40x6mm flat iron section.**					
	iv/I.S. fiat 40x6 mm =30 metres Wastage @ 5% =1.5 metres 31.50 metres @ 1.9 kg per metre 59.85 kg. =0.5985 quintal					
	Flats upto 10 mm in thickness	quintal	0.599	3420.409	(1008)	2047.11

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Carriage of steel	tonne	0.060	0.000	(2205)	0.00
	Sundries	LS	20.670	1.800	(9999)	37.21
	Blacksmith 1st class	per day	0.500	342.000	(0102)	171.00
	Beldars	per day	0.500	254.000	(0114)	127.00
	Total					2382.32
	Add for water charges @ 1%					23.82
	TOTAL					2406.14 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					338.063
	Total					2744.207 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					411.631
	Cost of 30 m					3155.84
	Cost of 1 m					105.19
	Add labour cess @ 1%					1.05
	Rate including labour cess					106.24
				Say	**Rs.106.20**	**per metre**
12.14	**Providing and fixinq ridges and hips in asbestos cement sheet roofing**					
12.14.1	**One piece plain angular ridges Consider a shed of 20x 10 m (external dimentions at plinth)**					
	Materials:					
	Ridge piece required each of 1.22 mm length = 19 Nos.					
	Add 5% wastage = 0.95 No. =19.95 nos.	each	19.950	145.063	(0207)	2894.00
	Carriage	1 time	6.200	1.800	(9999)	11.16
	(The ridge is to be fixed with the same hooks as the A.C. sheets)					
	Sundries	1 time	2.600	1.800	(9999)	4.68
	Labour: Mistry	per day	0.140	254.000	(0130)	35.56
	Carpentarll class	per day	0.550	305.000	(0112)	167.75
	Beldars	per day	1.640	254.000	(0114)	416.56
	Total					3529.71
	Add for water charges @ 1%					35.30
	TOTAL					3565.00 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					500.883
	Total					4065.888 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					609.883
	Cost of 20.2 m					4675.77
	Cost of 1 rn .					231.47
	Add labour cess @ 1%					2.31
	Rate including labour cess					233.78
				Say	**Rs.233.80**	**per metre**
12.14.2	**Serrated of plain wing adjustable ridges Consider a shed of 20x10 m (external dimention at plinth)**					
	Materials:					
	Consider a shed of 20x10 m (external diamentiun at plinth) required no of ridge pieces of length 1.22 m each = 19 nos					
	Add 5% wastage = 0.95 no 19.95 nos	pair	19.950	198.803	(0208)	3966.11

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Carriage	1 time	6.200	1.800	(9999)	11.16
	(The ridge is to be fixed with the same the A.C. sheets)					
	Sundries	1 time	2.600	1.800	(9999)	4.68
	Labour:					
	Mistry	per day	0.140	254.000	(0130)	35.56
	Carpentar II class	per day	0.550	305.000	(0112)	167.75
	Beldars	per day	1.640	254.000	(0114)	416.56
	Total					4601.82
	Add for water charges @ 1%					46.02
	TOTAL					4647.84 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					653.021
	Total					5300.860 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					795.129
	Cost of 20.2 m					6095.99
	Cost of 1 m					301.78
	Add labour cess @ 1%					3.02
	Rate including labour cess					304.80
			Say	**Rs.304.80**	**per metre**	
12.14.3	**Close fitting adjustable ridges consider a shed 20x10 metre(External dimention at plinth). Length of ridge 20.2 metres.**					
	No. of ridge pairs required, of length 1.22 m each =22.00 nos.					
	Add 5% wastage=1.10 nos. =23.10 nos.	pair	23.100	225.654	(0209)	5212.60
	(15 cm lap is taken into consideration)					
	Carriage	1 time	6.200	1.800	(9999)	11.16
	(The ridge have to be fixed with the same hooks as the A.C. sheet).					
	Sundries	1 time	2.750	1.800	(9999)	4.95
	Labour:					
	Mistry	per day	0.140	254.000	(0130)	35.56
	Carpentar II class	per clay	0.550	305.000	(0112)	167.75
	Beldars	per day	1.640	254.000	(0114)	416.56
	Total					5848.58
	Add for water charges @ 1%					58.49
	TOTAL					5907.07 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					829.943
	Total					6737.014 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1010.552
	Cost of 20.2 m					7747.57
	Cost of 1 m					383.54
	Add labour cess @ 1%					3.84
	Rate including labour cess					387.38
			Say	**Rs.387.40**	**per metre**	
12.14.5	**Unserrated adjustable hips consider a shed with hip as 29.2 metres.**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	No. of hip pieces required =-19 pairs Length of each pair 1.22 metre Add 5% wastage =0.95 pairs =19.95 pairs	pair	19.950	198.803	(0212)	3966.11
	Carriage	1 time	2.600	1.800	(9999)	4.68
	Sundries	1 lime	2.550	1.800	(9999)	4.59
	Labour:					
	Mistry	per day	0.140	254.000	(0130)	35.56
	Carpentar II class	per day	0.550	305.000	(0112)	167.75
	Beldars	per day	1.640	254.000	(0114)	416.56
	Total					4595.25
	Add for water charges @ 1%					45.95
	TOTAL					4641.20 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					652.089
	Total					5293.292 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					793.994
	Cost of 20.2 m					6087.29
	Cost of 1 m					301.35
	Add labour cess @ 1%					3.01
	Rate including labour cess					304.36
			Say	**Rs.304.40**	**per metre**	
12.15	**Providing and fixing asbestos cement roofing accessories with galvanised iron J or L hooks, bplts and nuts and of G.I. seam bolts and nuts. G.I. plain and bitumen washers complete.**					
12.15.1	**Details for shed of 20.2 metres completed length**					
	Materials: Appron flashing pieces of 1.12 metre length =20 nos Add 5% wastage =1.0 nos =21 nos.	each	21.000	139.692	(0214)	2933.54
	Carriage of appron pieeces(The appron pieces are to be fixed with the same hooks as the A.C. sheets).	1 time	1.250	1.800	(9999)	2.25
	Sundries	1 time	1.250	1.800	(9999)	2.25
	Labour:					
	Mistry	per day	0.070	254.000	(0130)	17.78
	Carpentar li class	per day	0.280	305.000	(01 12)	85.40
	Beldars	per day	0.820	254.000	(0114)	208.28
	Total					3249.50
	Add for water charges @ 1%					32.49
	TOTAL					3281.99 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					461.120
	Total					3743.113 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					561.467
	Cost of 20.2 m					4304.58
	Cost of 1 m					213.10

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add labour cess @ 1%					2.13
	Rate including labour cess					215.23
			Say	**Rs.215.20**	**per metre**	
12.15.2	**Eves filler pieces**					
	Details of eaves filler for a shed of 20.2 metres complete length					
	Materials:					
	Eaves filler pieces of 1.016 metres length =20 nos.					
	Add 5% wastage=1.0 no					
	=21.0 nos.	each	21.000	102.082	(0215)	2143.72
	(The eaves filler pieces are to be fixed with the same hooks as the A.C. sheets).					
	Carnage	1 time	1.250	1.800	(9999)	2.25
	Sundries	1 time	1.250	1.800	19999)	2.25
	Labour:					
	Mistry	per day	0.070	254.000	(0130)	17.78
	Carpentar II class	per day	0.280	305.000	(0112)	85.40
	Beldars	per day	0.820	254.000	(0114)	208.28
	Total					2459.68
	Add for water charges @ 1%					24.60
	TOTAL					2484.27 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					349.040
	Total					2833.314 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					424.997
	Cost of 20.2 en					3258.31
	Cost of 1 m					161.30
	Add labour cess @ 1%					1.61
	Rate including labour cess					162.91
			Say	**Rs.162.90**	**per metre**	
12.15.3	**North light and ventilator curves Details of north light ventilator curve 20.2 metres long complete length .**					
	Materials:					
	North light curves of 1.016 metres nominal length =20 nos.					
	Add 5% wastage = 1.0 No.					
	= 21 nos.	each	21.000	245.367	(0216)	5152.70
	J or L hooks with nuts 8m dia M	ten	4.000	107.033	(1023)	428.13
	G.I. plain washers	cent	0.400	27.922	(1208)	11.17
	Bitumen washers thick	cent	0.400	32.575	(1209)	13.03
	Carriage of hooks, nuts, vvasners and curves	1 time	3.800	1.800	(9999)	6.84
	Sundries	1 time	2.400	1.800	(9999)	4.32
	Labour:					
	Mistry	per day	0.100	254.000	(0130)	25.40
	Carpentar II class	per day	0.300	305.000	(0112)	91.50
	Beidars	per day	1.000	254.000	(0114)	254.00
	Total					5987.09
	Add for water charges @ 1%					59.87
	TOTAL					6046.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					849.598
	Total					6896.559 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					1034.484
	Cost of 20.2 m					7931.04
	Cost of 1m					392.63
	Add labour cess @ 1%					3.93
	Rate including labour cess					396.56
			Say	**Rs.396.60**	**per metre**	
12 15 4	**Barge boards**					
	Details of cost for 8.23 metres (27'-0) Completed length of barqe boards					
	Materials:					
	Barge Doa.ds 2.44 metres=2 nos					
	Add 5% wastage =0.1 no.					
	=2.1 nos.	each	2.100	334.902	(0205)	703.29
	Barge board 1.83 metres=2 nos.					
	Add 5% wastage=0.1 No.					
	2.1 No.	each	2.100	250.737	(0206)	526.55
	Seam bolts, nuts 6 mm diax25mm long	ten	5.000	34.437	(0222)	172.18
	G.I. washers for seam bolts	cent	0.100	27.922	(1211)	2.79
	Bitumen washers	cent	0.500	27.922	(1208)	13.96
	Carriage of barge boards, bolts, nuts and washers	1 time	3.600	1.800	(9999)	6.48
	Sundries	1 time	2.600	1.800	(9999)	4.68
	Laboar:					
	Mistry	per day	0.040	254.000	(0130)	10.16
	Carpentar II class	per day	0.060	305.000	(0112)	18.30
	Beldars	per day	0.400	254.000	(0114)	101.60
	Total					1560.00
	Add for water charges @ 1%					15.60
	TOTAL					1575.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					221.372
	Total					1796.971 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					269.546
	Cost of 8.23 m					2066.52
	Cost of 1 m					251.10
	Add labour cess @ 1%					2.51
	Rate including labour cess					253.61
			Say	**Rs.253.60**	**per metre**	
12.15.6	**Ridge finials**					
	Details of a pair of ridge final					
	Materials:					
	Ridge finials =pair					
	Add 5% wastage= 0.05 nos.					
	1.05 nos.	pair	1.050	102.082	(0211)	107.19
	Carriage,sundries, fixing charge" including proividing and fixing, seam bolts and nuts, with G.I and bitumen washers					
		1 time	4.150	1.800	(9999)	7.47
	Total					114.66
	Add for water charges @ 1%					1.15
	TOTAL					115.80 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					16.270
	Total					132.073 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					19.811
	Cost of 1 pair					151.88
	Add labour cess @ 1%					1.52
	Rate including labour cess					153.40
				Say Rs.153.40	**per metre**	
12.15.8	**Curved barge boards for north light curves Details of cost for two curved barge boards**					
	Materials:					
	Curved barge boards for north light =2 nos.					
	Add 5% wastage =0.1 nos.					
	=2.1 nos.	each	2.100	143.285	(0204)	300.90
	Carriage seam bolts, and nuts	1 time	2.050	1.800	(9999)	3.69
	Sundries	1 time	1.050	1.800	(9999)	1.89
	Labour for fixing:					
	Mistry	per day	0.050	254.000	(0130)	12.70
	Carpentar II class	per day	0.250	305.000	(0112)	76.25
	Beldars	per day	0.250	254.000	(0114)	63.50
	Total					458.93
	Add for water charges @ 1%					4.59
	TOTAL					463.52 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					65.124
	Total					528.642 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					79.296
	Cost of 2 each					607.94
	Cost of 1 each					303.97
	Add labour cess @ 1%					3.04
	Rate including labour cess					307.01
				Say Rs.307.00	**Each**	
12.15.9	**Roof lights**					
	Details of cost for 1 roof lights					
	Materials:					
	Roof lights =1 nos.					
	Add 5% wastage =0.05 nos.					
	=1.05 nos.	each	1.050	1074.557	(0213)	1128.29
	Carriage.fixing and sundries	1 time	3.300	1.800	(9999)	5.94
	(N.B. fixing will be done with the same J or L hookds with which A.C. sheets are fitted)					
	Total					1134.23
	Add for water charges @ 1%					11.34
	TOTAL					1145.57 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					160.952
	Total					1306.520 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					195.978
	Cost of 1 each					1502.50
	Add labour cess @ 1%					15.02
	Rate including labour cess					1517.52
				Say Rs.1517.50	**Each**	
12.15.10	**Expansion joints for ridges**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Details of cost for 2 expansion joints					
	Materials:					
	Expansion joints for ndges-2 pairs					
	Add 5% wastage =0 10 p. sirs					
	= 2.10 pairs	pair	2.100	281.181	(0220)	590.48
	J or L hooks,bolts and nuts 8 mm dia	ten	0.200	107.033	(1023)	21.41
	Bitumen washers, G.i. plain washers and carriage	1 time	2.050	1.800	(0999)	3.69
	Sundries	I time	1.050	1.800	(9999)	1.89
	Labour:					
	Mistry	per day	0.050	254.000	(0130)	12.70
	Carpenter II class	per day	0.120	305.000	(0112)	36.60
	Beldars	per day	0.120	254.000	(0114)	30.48
	Total					697.25
	Add for water charges @ 1%					6.97
	TOTAL					704.22 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					98.943
	Total					803.162 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					120.474
	Cost of 2 each					923.64
	Cost of 1 each					461.82
	Add labour cess @ 1%					4.62
	Rate including labour cess					466.44
				Say	**Rs.466.40**	**Each**
12.15.11	**Expansion joints (csr north liglht curves Details of cost for 1 expansion joints for north light curve**					
	Materials:					
	Expansion joints fosr north light cui vo=1 nos.					
	Add 5% wastage =0.05 nos					
	=1.05 nos.	each	1.050	150.442	(0219)	157.96
	Carriage	1 time	1.050	1.800	(9999)	1.89
	J or L hooks and nuts 8 mm dia.	ten	0.200	107.033	(1023)	21.41
	Seam bolt 1 nos., bitumen and C.I. plain, washers 3 nos. each and their carriage	1 time	2.050	1.800	(9999)	3.69
	Labour:					
	Mistry	per day	0.050	254.000	(0130)	12.70
	Carpentar II class	per day	0.200	305.000	(0112)	61.00
	Beldars	per day	0.200	254.000	(0114)	50.80
	Total					309.45
	Add for water charges @ 1%					3.09
	TOTAL					312.55 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					43.913
	Total					356.458 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					53.469
	Cost of 1 each					409.93
	Add labour cess @ 1%					4.10
	Rate including labour cess					414.03
				Say	**Rs.414.00**	**Each**
12.15.12	**S type louvers**					
	Details oif cost for 8.74 metres					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Materials:					
	S type louvers =5 nos.					
	Add 5% wastage- =0.25 nos.					
	=5.25 nos.	ten	5.250	34.437	(0222)	180.79
	Carriage	1 time	4.150	1.800	(9999)	7.47
	G.I. bolts 10 mm dia both sides threaded with 4					
	G.I. nuts 27 cm long	each	6.000	20.476	(1031)	122.86
	G.I. bolts 16 mm dia 7 cm long with nuts	each	6.000	16.753	(1032)	100.52
	Bitumen washers 18 nos.	cent	0.180	27.922	(1208)	5.03
	G.I. plain washer 6x6 metre-36 nos	cent	0.360	29.783	(1210)	10.72
	Carriage of bolts and nu*3 and washers	1 time	1.050	1.800	(9999)	1.89
	Sundries	1 time	5.150	1.800	(9999)	9.27
	Labour:					
	Carpenter 1 st class	per day	1.000	342.000	(0111)	342.00
	Beldar	per day	1.000	254.000	(0114)	254.00
	Balcksmith 1st class	per day	0.120	342.000	(0102)	41.04
	Total					1075.58
	Add for water charges @ 1%					10.76
	TOTAL					1086.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					152.631
	Total					1238.971 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					185.846
	Cost of 8.74 m					1424.82
	Cost of 1 m					163.02
	Add labour cess @ 1%					1.63
	Rate including labour cess					164.65
				Say	**Rs.164.70**	**Each**
12.20	**Providing fiat iron brackets 50x3mm size, with necessary bolts, nuts and washers etc.for fixing asbestos cement /G.S sheet gutters with purlins.**					
	Flat 50x3mm size					
	Flats upto 10 mm in thickness	quintal	0.116	3420.409	(1008)	397.79
	Mild steel bolts 6 mm dia and 25 mm long with hexagonal head	ten	3.800	25.130	(1025)	95.49
	Galvanised steel bolts & nuts 10 mm dia. 125 mm long round hade with slots.	each	19.000	10.238	(1024)	194.52
	G.I. plain washer thin	cent	0.190	29.783	(1210)	5.66
	Sundries	1 time	1.040	1.800	(9999)	1.87
	Blacksmith 1st class	per day	0.380	342.000	(0102)	129.96
	Beldar	per day	0.380	254.000	(0114)	96.52
	Total					921.82
	Add for water charges @ 1%					9.22
	TOTAL					931.04 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					130.811
	Total					1061.846 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					159.277
	Cost of 20 m					1221.12
	-Cost of 1 m					61.06
	Add labour cess @ 1%					0.61
	Rate including labour cess					61.67

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
			Say	**Rs.61.70**	**per metre**	
12.29	**Painting top of roofs with bitumen of approved quality at 17 kg per 1Om'impregnated with a coat of coarse sand at 60 cubic dm per 10m^2 including ceaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete:**					
12.29.1	**With residual type petroleum bitumen of VG10**					
	Details of cost for 10 sqm					
	Materials:					
	Cost of bitumen 80/100	tonne	0.017	27549.413	(0309)	468.34
	Cost of kerosene Oil .	litre	1.220	41.883	(0771)	51.10
	Cost of fuel for heating (steam coal)	quintal	0.035	372.289	(0370)	13.03
	Caarriage of bitumen 80/100	tonne	0.017	106.640	(2211)	1.81
	Coarse sand	cum	0.060	160.690	(0982)	9.64
	Carriage of coarse sand	cum	0.060	0.000	(2203)	0.00
	Labour:					
	Beldar (for cleaning the surface, applying kerosene oil. heating materials and carring the not tar over the roof)	per day	0.380	254.000	(0114)	96.52
	Painter (for spreading the hot tar over the roof)	per day	0.150	323.000	(0131)	48.45
	Sundries (Brushes and T and P) .	LS	13.520	1.800	(9999)	24.34
	Total					180.76
	Add for water charges @ 1%					1.81
	TOTAL					182.57 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					25.651
	Total					208.219 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					31.233
	Oost of 10 sqm					1343.47
	Cost of 1 sqm					134.35
	Add labour cess @ 1%					1.34
	Rate including labour cess					135.69
			Say	**Rs.135.70**	**per sqm**	
12.33	**Providing and laying brick tiles of class designation 100 over mumty roof grouted with cement mortar 1:3 (1 cement:3 corse sand) mixed with 2% if integral water proofing compound by wieght of cement, oiver a 12 mm layer of cement mortar 1:3 (1 cement:3 fine sand) and finished neat.**					
12.33.2	**With F.P. brick tiles**					
	Details of cost for 10 square metre.					
	Materials:					
	Brick tiles of class designation 100	thousand	0.380	5986.000	(1984)	2274.68
	Carriage of tiles	1000 nos.	0.380	0.000	(2207)	0.00
	Cement mortar 1:3(1 cement:3 corse sand)	cum	0.179	3246.342	(2112)	581.10
	Integral water proofing compund 2% by weight of cement	kilogram	0.005	32.575	(1213)	0.16

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Labour:					
	Mason llnd class	per day	0.810	305.000	(0124)	247.05
	Coolie	per day	1.080	265.000	(0115)	286.20
	Bhishti	per day	0.270	277.000	(0101)	74.79
	Sundries	1 time	1.820	1.800	(9999)	3.28
	Total					3467.25
	Add for water charges @ 1%					34.67
	TOTAL					3501.93 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					492.021
	Total					3993.947 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					599.092
	Cost of 10 sqm					4593.04
	Cost of 1 sqm					459.30
	Add labour cess @ 1%					4.59
	Rate including labour cess					463.89
			Say	**Rs.463.90**	**per sqm**	
12.33A	**Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness and of approved size) on roofs jointed with cement mortar 1:4(1 cement :4 coarse snad)mixed with 2% integral water proofing compound laid over a bed of 20 mm thick cement mortar 1:4(1 cement::4 coarse sand)and finished neat complete**					- .
	Details of cost for 10 square metre.					
	Materials					
	Manglore tiles	1000 nos.	0.160	8376.511	(7266)	1340.24
	Carriage of tiles	1000 nos.	0.160	0.000	(2207)	0.00
	Cement mortar 1;4 (1 cement:4 coarse sand)	cum	0.370	2534.722	(2113)	937.85
	Intergra! water proofing compound	kilogram	0.010	72.000	(1213)	0.72
	Cement mortar 1:4 (1 cement :4 coarse sand)	cum	0.200	2534.722	(2113)	506.94
	Labour					
	Mason 1st class	per day	0.600	342.000	(0123)	205.20
	Beldar	per day	2.600	254.000	(0114)	660.40
	Sundries	1 time	13.000	1.800	(9999)	23.40
	Total					3674.75
	Add for water charges @ 1%					36.75
	TOTAL					3711.50 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					521.466
	Total					4232.967 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					634.945
	Cost of 10 sqm					4867.91
	Cost of 1 sqm					486.79
	Add labour cess @ 1%					4.87
	Rate including labour cess					491.66
			Say	**Rs.491.70**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.38	**Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement:2 coarse sand:4 stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3(1 cement::3 corse sand)as per standard design**					
12.38.1	**In 75x75 mm deep chase**					
	Details of cost for 10 metres cement concrete					
	10 mm nominal size	cum	0.084	620.420	(0297)	51.87
	Cariage of stone aggregate below 40 mm nominal size	cum	0.084	0.000	(2202}	0.00
	Coarse sand	cum	0.042	160.690	(0982)	6.72
	Carriage of coarse sand	cum	0.042	0.000	(2203)	0.00
	Portland cement	tonne	0.030	5474.000	(0367)	164.22
	Carriage of cement	tonne	0.030	0.000	(2209)	0.00
	Beldar	per day	0.085	254.000	(0114)	21.59
	Coolie	per day	0.056	265.000	(0115)	14.84
	Bhishti	per day	0.025	277.000	(0101)	6.93
	Mason 1st class	per day	0.005	342.000	(0123)	1.71
	Mason II nd class	per day	0.005	305.000	(0124}	1.53
	Mate	per day	0.004	342.000	(0123)	1.27
	Hire and running charges of mechanical mixer -	1 time	2.470	1.800	(9999)	4.45
	Sundries	1 time	1.300	1.800	(9999)	2.34
	Mason 1st class	per day	0.150	342.000	(0123)	51.30
	Mason II nd dass	per day	0.150	305.000	(0124)	45.75
						374.50
						374.50
	Sundries	1 time	5.070	1.800	(9999)	9.13
	Mason Ist class	per day	0.250	342.000	(0123)	85.50
	Mason II nd class	per day	0.250	305.000	(0124)	76.25
	Beldar	per day	1.000	254.000	(0114)	254.00
	Carriage	1 time	8.060	1.800	(9999)	14.51
	Cement mortar 1:3(1 cement:3 corse sand)	cum	0.009	3246.342	(2112)	29.22
	Mason	per.day	0.008	305.000	(0155)	2.47
	Coolie	per day	0.101	265.000	(0115)	26.77
	Bhishti	per day	0.033	277.000	(0101)	9.14
	Hire and running charges of mechanical mixer	1 time	1.690	1.800	(9999)	3.04
	Sundries	1 time	1.430	1.800	(9999)	2.57
	Total					417.97
	Add for water charges @ 1%					4.18
	TOTAL					422.15 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					59.312
	Total					481.459 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					72.219
	Cost of 10 sqm					553.68
	Cost of 1 sqm					55.37
	Add labour cess @ 1%					0.55
	Rate including labour cess					55.92
			Say	**Rs.55.90**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.39	**Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 mx1 mx400 micron, finished 12 mm cement plaster 1:3 (1 cement:3 coarse sand) and a coat of neat cement rounding the edges and making and finshing the outlet complete**					
	Details of cost for 1 no.					
	Cement concrete					
	20mm nominal size	cum	0.007	556.330	(0295)	3.73
	10mm nominal size	cum	0.002	620.420	(0297)	1.36
	Carriage of stone aggreagate below 40 rnrn nominal size	cum	0.009	0.000	(2202)	0.00
	Coarse sand	cum	0.004	160.690	(0982)	0.71
	Carriage of coarse sand	cum	0.004	0.000	(2203)	0.00
	Portland cement	tonne	0.003	5474.000	(0367)	17.52
	Carriage of cement	tonne	0.003	0.000	(2209)	0.00
	Beldar	per day	0.009	254.000	(0114)	2.29
	Coolie	per day	0.006	265.000	(0115)	1.59
	Bhishti	per day	0.003	277.000	(0101)	0.75
	Mason 1st class	per day	0.001	342.000	(0123)	0.17
	Mason 11 class	per day	0.001	305.000	(0124)	0.15
	Mate	per day	0.000	270.000	(0128)	0.11
	Hire and running charges of mechanical mixer	1 time	0.260	1.800	(9999)	0.47
	Sundries	1 time	0.130	1.800	(9999)	0.23
	PVC sheets 400 micron thick	sqm	1.000	37.229	(3002)	37.23
	Cement mortar 1:3(1 cement 3 coarse sand)	cum	0.004	3246.342	(2112)	13.31
	Mason	per day	0.024	305.000	(0155)	7.17
	Coolie	per day	0.024	265.000	(0115)	6.23
	Bhishti	per day	0.008	277.000	(0101)	2.17
	Sundries	1 time	0.390	1.800	(9999)	0.70
	Portland cement	tonne	0.001	5474.000	(0367)	3.50
	Carriage of cement	tonne	0.001	0.000	(2209)	0.00
	Mason	per day	0.008	305.000	(0155)	2.44
	Coolie	per day	0.008	265.000	(0115)	2.12
	Rounding of edges and making outlet	1 time	0.260	1.800	(9999)	0.47
	Sundries	1 time	13.520	1.800	(9999)	24.34
	Total					128.75
	Add for water charges @ 1%					1.29
	TOTAL					130.03 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					18.270
	Total					148.303 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					22.245
	Cost of 1 each					170.55
	Add labour cess @ 1%					1.71
	Rate including labour cess					172.26
				Say Rs.172.30 per sqm		

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.40	**Providing sand stone slabs for roofing and laying' them in cement mortar 1:4 (1 cement:4 coarse sand) over wooden karries or R.C.C. battens (karries and battens to be paid separately) including pointing the ceiling joints with cement mortar 1:3 (1 cement:3 corse sand) complete:**					
12.40.1	**Red sand stone slab**					
12.40.1.1	**40 mm thick**					
	Details of cost for 10 sqm					
	Materials:					
	Stone slab including wastage @ 10% = 1sqm	sqm	11.000	209.413	(1174)	2303.54
	Carriage of slab (2563 kg. per cubic meter)	tonne	1.130	94.800	(2216)	107.12
	Cement mortar 1:4(1 cement:4 coarse sand)	cum	0.008	2534.722	(2113)	19.01
	Cement mortar 1:3 (1cement:3 corse sand)	cum	0.008	3246.342	(2112)	24.35
	Labour:					
	Mason	per day	1.350	305.000	(0155)	411.75
	Bandnani	per day	1.620	270.000	(0100)	437.40
	Bhishti	per day	0.270	277.000	(0101)	74.79
	Sundries	1 time	16.120	1.800	(9999)	29.02
	Coolie	per day	1.350	265.000	(0115)	357.75
	Total					3764.73
	Add for water charges @ 1%					37.65
	TOTAL					3802.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					534.234
	Total					4336.609 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					650.491
	Cost of 10 sqm					4987.10
	Cost of 1 sqm					498.71
	Add labour cess @ 1%					4.99
	Rate including labour cess					503.70
			Say	**Rs.503.70**	**per sqm**	
12.40.1.2	**45mm itrck**					
	Details of cost for 10 sqm					
	Materials:					
	Stone slab including wastage® 10% 1sqm	sqm	11.000	209.413	(1174)	2303.54
	Carriage of slab	tonne	1.2700	94.8000	(2216)	120.40
	Cement mortar 1:4 (1 cement:4 coarse sand)	cum	0.0095	2534.7223	(2113)	24.08
	Cement mortar 1:3 (1 cement :3 corse sand)	cum	0.0075	3246.3423	(2112)	24.35
	Labour:					
	Mason	per day	1.5200	305.0000	(0155)	463.60
	Bandnam	per day	1.8200	270.0000	(0100)	491.40
	Cooiie	per day	1.520	265.000	(0115)	402.80
	Bhishti	per day	0.300	277.000	(0101)	83.10
	Sundries	1 time	16.120	1.800	(9999)	29.02
	Total					3942.28
	Add for water charges @ 1%					39.42
	TOTAL					3981.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					559.429
	Total					4541.132 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add for contractor's profit and overheads @ 15% on "Y"					681.170	
	Cost of 10 sqm					5222.30	
	Cost of 1 sqm					522.23	
	Add labour cess @ 1%					5.22	
	Rate including labour cess					527.45	
				Say	**Rs.527.50**	**per sqm**	
12.40.1.3	**50 mm thick**						
	Details of cost for 10 sqm						
	Materials:						
	Stone slab inclyidng wastage @ 10% 1sqm	sqm	11.000	209.413	(1174)	2303.54	
	Carrige of slab	tonne	1.410	94.800	(2216)	133.67	
	Cement mortar 1:4(1 cement: 4 coarse sand)	cum	0.011	2534.722	(2113)	26.61	
	Cement mortar 1:3 (1 cement: 3 corse sand)	cum	0.008	3246.342	(2112)	24.35	
	Labour:						
	Mason	per day	1.690	305.000	(0155)	515.45	
	Bandhani	per day	2.030	270.000	(0100)	548.10	
	Coolie	per day	1.690	265.000	(0115)	447.85	
	Bhishti	per day	0.340	277.000	(0101)	94.18	
	Sundries	1 time	16.120	1.800	(9999)	29.02	
	Total					4122.77	
	Add for water charges @ 1%					41.23	
	TOTAL					4163.99	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					585.041	
	Total					4749.035	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					712.355	
	Cost of 10 sqm					5461.39	
	Cost of 1 sqm					546.14	
	Add labour cess @ 1%					5.46	
	Rate including labour cess					551.60	
				Say	**Rs.551.60**	**per sqm**	
12.40.2	**White sand stone slab**						
12.40.2.1	**40 mm thick**						
	Details of cost for 10 sqm						
	Materials:						
	Stone slab including wastage @ 10% 1sqm	sqm	11.000	209.413	(1175)	2303.54	
	Carriage of slab	tonne	1.130	94.800	(2216)	107.12	
	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	0.008	2534.722	(2113)	19.01	
	Cement mortar 1:3 (1 cement : 3 coarse sand)	cum	0.008	3246.342	(2112)	24.35	
	Labour:						
	Mason	per day	1.350	305.000	(0155)	411.75	
	Bandhani	per day	1.620	270.000	(0100)	437.40	
	Coolie	per day	1.350	265.000	(0115)	357.75	
	Bhishti	per day	0.270	277.000	(0101)	74.79	
	Sundries	LS	16.120	1.800	(9999)	29.02	
	Total					3764.73	
	Add for water charges @ 1%					37.65	
	TOTAL					3802.38	(X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					534.234
	Total					4336.609 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					650.491
	Cost of 10 sqm					4987.10
	Cost of 1 sqm					498.71
	Add labour cess @ 1%					4.99
	Rate including labour cess					503.70
			Say	**Rs.503.70**	**per sqm**	
12.40.2.2	**45mm thick**					
	Details of cost for 10 sqm					
	Materials:					
	Stone slab including wastage @ 10% 1sqm	sqm	11.000	209.413	(1175)	2303.54
	Carriage of slab	tonne	1.270	94.800	(2216)	120.40
	Cement mortar 1:4 (1 cement : *A* coarse sand)	cum	0.010	2534.722	(2113)	24.08
	Labour:					
	Mason	per day	1.520	305.000	(0155)	463.60
	Bandhani	per day	1.820	270.000	(0100)	491.40
	Coolie	per day	1.520	265.000	(0115)	402.80
	Bhishti	per day	0.300	277.000	(0101)	83.10
	Sundries	1 time	16.120	1.800	(9999)	29.02
	Cement mortar 1:3(1 cement:3 corse sand)	cum	0.008	3246.342	(2112)	24.35
	Total					3942.28
	Add for water charges @ 1%					39.42
	TOTAL					3981.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					559.429
	Total					4541.132 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					681.170
	Cost of 10 sqm					5222.30
	Cost of 1 sqm					522.23
	Add labour cess @ 1%					5.22
	Rate including labour cess					527.45
			Say	**Rs.527.50**	**per sqm**	
12.40.2.3	**50 mm thick**					
	Details of cost for 10 sqm					
	Materials:					
	Stone slab indluding wastage® 10% 1 sqm	sqm	11.000	209.413	(1175)	2303.54
	Carriage of slab	tonne	1.410	94.800	(2216)	133.67
	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	0.011	2534.722	(2113)	26.61
	Cement mortar 1:3(1 Cement: 3 corse sand)	cum	0.008	3246.342	(2112)	24.35
	Labour:					
	Mason	per day	1.690	305.000	(0155)	515.45
	Bandhani	per day	2.030	270.000	(0100)	548.10
	Coolie	per day	1.690	265.000	(0115)	447.85
	Bhishti	per day	0.340	277.000	(0101)	94.18
	Sundries	1 time	16.120	1.800	(9999)	29.02
	Total					4122.77
	Add for water charges @ 1%					41.23
	TOTAL					4163.99 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					585.041

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					4749.035 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					712.355
	Cost of 10 sqm					5461.39
	Cost of 1 sqm					546.14
	Add labour cess @ 1%					5.46
	Rate including labour cess					551.60
				Say	**Rs.551.60**	**per sqm**
12.52	**Grading roof for water proofing treatment with**					
12.52.2	**Cement concrete 1:2:4(1 cement :2 coarse snad : 4 graded stone aggregate 20 mm nominal size) Details of cost for cum**					
	Stone aggregate 20 mm nominal size	cum	0.670	556.330	(0295)	372.74
	Stone aggregate 10 mm nominal size	cum	0.220	620.420	(0297)	136.49
	Carnage of stone aggregate	cum	0.890	0.000	(2202)	0.00
	Coarse sand	cum	0.450	134.024	(982)	60.31
	Carnage of coarse sand	cum	0.450	0.000	(2203)	0.00
	Cement	tonne	0.320	5474.000	(0367)	1751.68
	Carnage of cement	tonne	0.320	0.000	(2209)	0.00
	Labour:					
	Beldar	per day	1.630	254.000	(0114)	414.02
	6hish!:	per day	0.700	277.000	(0101)	193.90
	Mason 1st class	per day	0.100	342.000	(0123)	34.20
	Sundries, brushes etc.	1 time	5.500	1.800	(9999)	9.90
	Mixer	Per day	0.070	800.000	(0002)	56.00
	Vibrator					
	Sundries for laying in terrace	1 time	17.600	1.800	(9999)	31.68
	Total					3060.92
	Add for water charges @ 1%					30.61
	TOTAL					3091.53 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					434.360
	Total					3525.894 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					528.884
	Cost of cum					4054.78
	Cost of 1 cum					4054.78
	Add labour cess @ 1%					40.55
	Rate including labour cess					4095.33
				Say	**Rs.4095.30**	**per cum**
12.52.3	**Cement mortar 1:3(1 cement:3 coarse sand) Details of cost for cum**					
	Materials:					
	Cement mortar 1:3(1 cement:3 coarse sand)	cum	1.000	3246.342	(2112)	3246.34
	Labour:					
	Mason	per day	1.000	265.000	(0115)	265.00
	Beldar	per day	2.000	254.000	(0114).	508.00
	Bhishti	per day	0.500	277.000	(0101)	138.50
	Coolie	per day	5.000	265.000	(0115)	1325.00
	Sundries	1 time	4.500	1.800	(9999)	8.10
	Total					5490.94
	Add for water charges @ 1%					54.91
	TOTAL					5545.85 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					779.192
	Total					6325.044 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					948.757
	Cost of cum					7273.80
	Cost of 1 cum					7273.80
	Add labour cess @ 1%					72.74
	Rate including labour cess					7346.54
				Say Rs.7346.50 per cum		
12.52.4	**Cement mortar 1:4 (1 cement :4 coarse sand)**					
	Details of cost for cum					
	Maaterials:					
	Cement mortar	cum	1.000	2534.722	(2113)	2534.72
	Labour:					
	Mason	per day	1.000	265.000	(0115)	265.00
	Beldar	per day	2.000	254.000	(0114)	508.00
	Bhishti	per day	0.500	277.000	(0101)	138.50
	Coolie	per day	5.000	265.000	(0115)	1325.00
	Sundries	1 time	4.150	1.800	(9999)	7.47
	Total					4778.69
	Add for water charges @ 1%					47.79
	TOTAL					4826.48 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					678.120
	Total					5504.600 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					825.690
	Cost of cum					6330.29
	Cost of 1 cum					6330.29
	Add labour cess @ 1%					63.30
	Rate including labour cess					6393.59
				Say Rs.6393.60 per cum		
12. 54	**Providing and fixing 20 mm thick wooden planks ceiling (fiame work for base to be paid separately) with M.S screws:**					
12.54.1	**2nd class teak wood**					
	Details of cost for 27 sqm (6.00x4 50)					
	Materials:					
	2nd class teak wood planks.					
	27 sqmx0.02 m =0.54 cum or540 sudm					
	Add for wastage @ 5% - 27 cudm					
	567 cudm	10cudm	56.700	628.238	(1190)	35621.11
	Carriage	cum	0.570	0.000	(2204)	0.00
	M.S. Screws 40mm long	100Nos	4.300	58.636	(0637)	252.13
	Labour:					
	Carpenter 1st dass	per day	2.000	342.000	(0111)	684.00
	Carpenter 2nd dass	per day	2.000	305.000	(0112)	610.00
	Beldar	per day	4.000	254.000	(0114)	1016.00
	Scaffolding	1 »ime	41.400	1.800	(9999)	74.52
	Sundries	1 time	20.700	1.800	(9999)	37.26
	Total					38295.02
	Add for water charges @ 1%					382.95
	TOTAL					38677.97 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					5434.255
	Total					44112.230 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					6616.835
	Cost of 27sqm					50729.06
	Cost of 1 sqm					1878.85
	Add labour cess @ 1%					18.79
	Rate including labour cess					1897.64
				Say Rs.1897.60 per sqm		
12.54.3	**1st class local wood**					
	Details of cost for 27 sqm (6.00x4.50)					
	Materials:					
	1st dass kail wood					
	27 sqmx0.02m=0.54 cum or 540 cudm					
	Add for wastage @ 5% =27 cudm					
	567 cudm	10 cudm	56.700	288.524	(1196)	16359.33
	Carriage	cum	0.570	0.000	(2204)	0.00
	M.S. Screws 40mm long	100 Nos	4.300	58.636	(0637)	252.13
	Labour:					
	Carper.ter 1 si class	per day	2.000	342.000	(0111)	684.0 0
	Carpenter 2nd class	per day	2.000	305.000	(0112)	610.00
	Sundries	1 time	20.700	1.800	(9999)	37.26
	Beldar	per day	4.000	254.000	(0114)	1016.00
	Scaffolding	1 time	41.400	1.800	(9999)	74.52
	Total					19033.24
	Add for water charges @ 1%					190.33
	TOTAL					19223.57 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					2700.912
	Total					21924.482 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					3288.672
	Cost of 27 sqm					25213.15
	Cost of 1 sqm					933.82
	Add labour cess @ 1%					9.34
	Rate including labour cess					943.16
				Say Rs.943.20 per sqm		
12.55	**Providing and fixing insulating board ceiling of approved quality with necessary naiis etc complete (frame work to be paid separately)**					
12.55.1	**Natural colour insulating board**					
12.55.1.1	**12 mm thick**					
	Details of cost for 10 sqm					
	Materials:					
	Insulating board induding 10% wastage = 1 sqm	sqm	11.000	204.759	(0332)	2252.35
	Carriage of material	1 time	17.550	1.800	(99S9)	31.59
	Nails	1 time	26.910	1.800	(9999)	48.44
	Labour:					
	Carpentar	per day	2.500	342.000	(0111)	855.00
	Beldar	per day	2.000	254.000	(0114)	508.00
	Scaffolding	1 time	31.070	1.800	(9999)	55.93
	Sundires	1 time	31.070	1.800	(9999)	55.93
	Total					3807.23
	Add for water charges @ 1%					38.07
	TOTAL					3845.30 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					540.265
	Total					4385.568 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					657.835
	Cost of 10 sqm					5043.40
	Cost of 1 sqm					504.34
	Add labour cess @ 1%					5.04
	Rate including labour cess					509.38
			Say	**Rs.509.40**	**per sqm**	
12.55.2	**White face insulating board**					
12.55.2.1	**12 mm thick**					
	Details of cost for 10 sqm					
	Materials:					
	White face insulating board 12 mm thick including 10% wastage	sqm	11.000	232.681	(0328)	2559.49
	Carriage	1 time	17.550	1.800	(9999)	31.59
	Nails	1 time	10.350	1.800	(9999)	18.63
	Labour:					
	Carpenter 1st class	per day	2.500	342.000	(0111)	855.00
	Beldars	per day	2.000	254.000	(0114)	508.00
	Scaffolding	1 time	11.950	1.800	(9999)	21.51
	Sundries	1 time	11.950	1.800	(9999)	21.51
	Total					4015.73
	Add for water charges @ 1%					40.16
	TOTAL					4055.89 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					569.852
	Total					4625.739 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					693.861
	Cost of 10 sqm					5319.60
	Cost of 1 sqm					531.96
	Add labour cess @ 1%					5.32
	Rate including labour cess					537.28
			Say	**Rs.537.30**	**per sqm**	
12.55J	**Fame retardent face insulating board**					
12.55.3.1	**12mm thick**					
	Materials:					
	Flame retardent face insulating board 12 mm thick including 10% wastage	sqm	11.000	307.139	(0336)	3378.53
	Carriage	1 time	17.550	1.800	(9999)	31.59
	Nails-	1 time	26.910	1.800	(9999)	48.44
	Labour: Carpenter 1 st class	per day	2.500	342.000	(0111)	855.00
	Beldars	per day	2.000	254.000	(0114)	508.00
	Scaffolding	1 time	31.070	1.800	(9999)	55.93
	Sundries	1 time	31.070	1.800	(9999)	55.93
	Total					4933.41
	Add for water charges @ 1%					49.33
	TOTAL					4982.74 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					700.075
	Total					5682.815 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add for contractor's profit and overheads @ 15% on "Y"					852.422	
	Cost of 10 sqm					6535.24	
	Cost of 1 sqm					653.52	
	Add labour cess @ 1%					6.54	
	Rate including labour cess					660.06	
			Say	**Rs.660.10**	**per sqm**		
12.56	**Providing and fixing hard board sheet ceiling of aproved quality with necessary nails etc complete (frame work to be paid separately)**						
12.56.1	Standard quality boards						
12.56.1.1	12 mm thick						
	Details of cost for 10 sqm						
	Materials:						
	Standards quality board 3 mm thick including 10% wastage	sqm	11.000	134.024	(0994)	1474.27	
	Carriage	1 time	5.200	1.800	(9999)	9.36	
	Nails-	1 time	10.350	1.800	(9999)	18.63	
	Labour:						
	Carpenter 1st class	per day	2.500	342.000	(0111)'	855.00	
	Beldars	per day	2.000	254.000	(0114)	508.00	
	Scaffolding	1 time	11.950	1.800	(9999)	21.51	
	Sundries	1 time	11.950	1.800	(9999)	21.51	
	Total					2908.28	
	Add for water charges @ 1%					29.08	
	TOTAL					2937.36	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					412.699	
	Total					3350.058	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					502.509	
	Cost of 10 sqm					3852.57	
	Cost of 1 sqm					385.26	
	Add labour cess @ 1%					3.85	
	Rate including labour cess					389.11	
			Say	**Rs.389.10**	**per sqm**		
12.56.1.2	**4.5 mm thick**						
	Details of cost for 10 sqrn						
	Materials:						
	Standard quality board 4.5 rr n thick including 10% wastage	sqm	11.000	145.210	(0996)	1597.31	
	Carriage	1 time	5.750	1.800	(9999)	10.35	
	Nails-	1 time	10.350	1.800	(9999)	18.63	
	Labour:						
	Carpenter 1st ciass	per day	2.500	342.000	(0111)	855.00	
	Beldars	per day	2.000	254.000	(0114)	508.00	
	Scaffolding	1 time	11.950	1.800	(9999)	21.51	
	Sundries	1 lime	11.950	1.800	(99S9)	21.51	
	Total					3032.31	
	Add for water charges @ 1%					30.32	
	TOTAL					3062.63	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					430.300	
	Total					3492.933	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					523.940
	Cost of 10 sqm					4016.87
	Cost of 1 sqm					401.69
	Add labour cess @ 1%					4.02
	Rate including labour cess					405.71
				Say	**Rs.405.70**	**per sqm**
12.57	**Providing and fixing fiat pressed 3 layer medium density particle board sheet Grade I conforming to IS: 3087 in ceiling with necessary nails etc. complete (frame work to be paid separately).**					
12.57.2	**12 mm thick**					
	Details of cost for 10 sqm					
	Materials:					
	Standard quality board 4.5 mm ihick including 10% wastage	sqm	11.000	307.139	(0341)	3378.53
	Carriage	LS	15.950	1.800	(9999)	28.71
	Nails-	LS	26.910	1.800	(9999)	48.44
	Labour:					
	Carpenter 1st ciass	per day	2.500	342.000	(0111)	855.00
	Beldars	per day	2.000	254.000	(0114)	508.00
	Scaffolding	LS	31.070	1.800	(9999)	55.93
	Sundries	LS	31.070	1.800	(9999)	55.93
	Total					4930.53
	Add for water charges @ 1%					49.31
	TOTAL					4979.83 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					699.666
	Total					5679.498 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					851.925
	CostofiOsqm					6531.42
	Cost of 1 sqm					653.14
	Add labour cess @ 1%					6.53
	Rate including labour cess					659.67
				Say	**Rs.659.70**	**per sqm**
12.58	**Providing and fixing plain A.C. sheet ceiling of approved quality with necessary naiis etc. complete (frame work to be paid separately):**					
12.58.2	**6 mm thick**					
	Details of .cost for 10 sqm					
	Standard quality board 4.5 mm thick including 10% wastage	sqm	11.000	177.256	(0993)	1949.82
	Carriage	1 time	6.200	1.800	(9999)	11.16
	Nails-	1 time	10.350	1.800	(9999)	18.63
	Labour:					
	Carpenter 1st class	per day	2.500	342.000	(0111)	855.00
	Beldars	per day	2.000	254.000	(0114)	508.00
	Scaffolding	1 time	11.950	1.800	(9999)	21.51
	Sundries	1 time	11.950	1.800	(9999)	21.51
	Total					3385.63
	Add for water charges @ 1%					33.86
	TOTAL					3419.49 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					480.438
	Total					3899.923 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					584.988
	Cost of 10 sqm					4484.91
	Cost of 1 sqm					448.49
	Add labour cess @ 1%					4.48
	Rate including labour cess					452.97
			Say	**Rs.453.00**	**per sqm**	
12.59	**Extra for cirular cuttiny and waste in ceiling with**					
1259.1	**2nd class teak wood planks 20 mm thick**					
	Details of cost for 10 holes					
	Materials:					
	0.5 metre dia each=10x22/7x0.5=15.71 m					
	Area=10x(22/7)14x0.05x0.5=1.96 sqm					
	Wastage @ 10&=G.1S sqm					
	2.15 sqm					
	Teak wood	10 cudm	4.116	628.238	(1190)	2585.83
	Carriage	cum	0.041	0.000	(2204)	0.00
	M.S. Screws 40 mm long	100 Nos	0.310	58.636	(0637)	18.18
	Labour:					
	Carpenter 1st class	per day	2.650	342.000	(0111)	906.30
	Carpenter 2nd classs	per day	0.145	305.000	(0112)	44.23
	Beldar	per day	2.790	254.000	(0114)	708.66
	Scaffolding	1 time	3.000	1.800	(9999)	5.40
	Sundries	1 time	5.650	1.800	(9999)	10.17
	Total					4278.76
	Add for water charges @ 1%					42.79
	TOTAL					4321.55 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					607.178
	Total					4928.726 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					739.309
	Cost of 15.71 m					5668.03
	Cos! of 1 m					360.79
	Add labour cess @ 1%					3.61
	Rate including labour cess					364.40
			Say	**Rs.364.40**	**per metre**	
12.59.4	**Natural colour insulating board**					
12.59.4.1	**12 mm thick**					
	Details of cost for 15.71 metre					
	Materials:					
	0.5 metre dia each=10x22/7x0.5=15.71 m					
	Area = 10x(22/7)/4x0.5x0.5= 1.96 sqm					
	Wastage @ 10%=0.19 sqm					
	2.15 sqm	sqm	2.150	204.759	(0332)	440.23
	Carriage	1 time	1.300	1.800	(9999)	2.34
	Nails-	1 time	2.050	1.800	(9999)	3.69
	Labour:					
	Carpenter 1st dass	per day	0.490	342.000	(0111)	167.58
	Beldars	per day	0.390	254.000	(0114).	99.06
	Scaffolding	1 time	2.350	1.800	(9999)	4.23
	Sundries	1 time	2.350	1.800	(9999)	4.23
	Carpenter 1st class	per day	2.500	342.000	(0111)	855.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Beldars	per day	2.500	254.000	(0114)	635.00
	Scaffolding	1 time	4.150	1.800	(9999)	7.47
	Total					2218.83
	Add for water charges @ 1%					22.19
	TOTAL					2241.02 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					314.863
	Total					2555.884 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					383.383
	Cost of 15.71 m					2939.27
	Cost of 1 m					187.10
	Add labour cess @ 1%					1.87
	Rate including labour cess					188.97
			Say	**Rs.189.00**	**per metre**	
12.59.5	**White face insulating board**					
12.59.5.1	**12 mm thick**					
	Details of cost for 1 5.71 metre					
	Materials:					
	0.5 metre dia each=10x22/7x0.5x15.71 m					
	Area =10x(22/7)/4x0.5x0.5=1.96 sqm					
	Wastage © 10% = 0.19 sqm	sqm	2.150	232.681	(0328)	500.26
	Carriage	1 time	1.300	1.800	(9999)	2.34
	Nails	1 time	2.050	1.800	(9999)	3.69
	Labour:					
	Carpenter 1 st class	per day	0.490	342.000	(0111)	167.58
	Beldars	per day	0.390	254.000	(0114)	99.06
	Scaffolding	1 time	2.350	1.800	(9S99)	4.23
	Sundries	1 time	2.350	1.800	(9999)	4.23
	Carpenter 1st class	per day	2.500	342.000	(0111)	855.00
	Beldars	per day	2.500	254.000	(0114)	635.00
	Scaffolding	1 time	4.150	1.800	(9999)	7.47
	Total					2278.86
	Add for water charges @ 1%					22.79
	TOTAL					2301.65 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					323.382
	Total					2625.035 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					393.755
	Cost of 15.71 m					3018.79
	Cost of 1 m					192.16
	Add labour cess @ 1%					1.92
	Rate including labour cess					194.08
			Say	**Rs.194.10**	**per metre**	
12.59.6	**Flame retardent face insulating board**					
12.59.6.1	**12 mm thick**					
	Details of cost for 15.71 metre					
	Materials:					
	0.5 metre dia each =10x22/7x0.5=15.71 m					
	Area=10x(22/7)/4x0.5x0.5=1.9S sqm					
	Wastage @10% =0.19 sqm 2.15 sqm	sqm	2.150	307.139	(0336)	660.35
	Carriage	1 time	1.300	1.800	.(9999)	2.34
	Nails-	1 time	2.050	1.800	(9999)	3.69
	labour:					
	Carpenter 1st class	per day	0.490	342.000	(0111)	167.58
	Beldars	per day	0.390	254.000	(0114)	99.06

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Scaffolding	1 time	2.350	1.800	(9999)	4.23
	Sundries	1 time	2.350	1.800	(9999)	4.23
	Carrpenter 1st class	per day	2.500	342.000	*(0111)*	855.00
	Beldars	per day	2.500	254.000	(0114)	635.00
	Scaffolding	1 time	4.150	1.800	(9999)	7.47
	Total					2438.95
	Add for water charges @ 1%					24.39
	TOTAL					2463.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					346.099
	Total					2809.437 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					421.416
	Cost of 15.71 m					3230.85
	Cost of 1 m					205.66
	Add labour cess @ 1%					2.06
	Rate including labour cess					207.72
			Say	**Rs.207.70**	**per metre**	
17.59 7	**Standard quality hard board sheet**					
12.59.7.1	**3mm thick**					
	details of cost for 15.71 meter					
	Materials:					
	0.5 metre dia each= 10x22/7x0.5 = 15.71m					
	Area=10x(22/7)/4x0.5x0.5=1.95 sqm					
	Wastage @ 10% =0.19 sqm					
	2.15 sqm	sqm	*2.150*	*134.024*	(0994)	288.15
	Carriag-3	1 time	1.050	1.800	(9999)	1.89
	Nails	i time	2.050	1.800	(9999)	3.69
	Labour:					
	Carpenter 1s! class	per day	0.490	342.000	(0111)	167.58
	Beldars	per day	0.390	254.000	(0114)	99.06
	Scaffolding	1 time	2.350	1.800	(9999)	4.23
	Sundries	1 time	2.350	1.800	(9999)	4.23
	Carpenter 1st class	per day	2.500	342.000	(0111)	855.00
	Beldars	per day	2.500	254.000	(0114)	635.00
	Scaffolding	1 time	4.150	1.800	(9999)	7.47
	Total					2066.30
	Add for water charges @ 1%					20.66
	TOTAL					2086.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					293.219
	Total					2380.184 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					357.028
	Cost of 15.71- m					2737.21
	Cost of 1 m					174.23
	Add labour cess @ 1%					1.74
	Rate including labour cess					175.97
			Say	**Rs.176.00**	**per metre**	
12.59.7.2	**4.5 mm thick**					
	Details of cost for 1 5.7 i metre					
	Materials:					
	0.5 metre dia each=10x22/7x0.5=15.71					
	Area=10x(22/7)/4x0.5x0.5= 1.96 sqm					
	Wastage @10% = 0.19 sqm					
	2.15 sqm	sqm	2.1500	145.2100	(0996)	312.20
	Carriage	1 time	1.1000	1.8000	(9999)	1.98

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Nails	1 time	2.0500	1.8000	(9999)	3.69
	Labour:					
	Carpenter 1st class	per day	0.4900	342.0000	(0111)	167.58
	Beldars	per day	0.3900	254.0000	(0.114)	99.06
	Scaffolding	1 time	2.3500	1.8000	(9999)	4.23
	Sundries	1 time	2.3500	1.8000	(9999)	4.23
	Carpenter 1 st dass	per day	2.5000	342.0000	(0111)	855.00
	Beldars	per day	2.5000	254.0000	(0114)	635.00
	Scaffolding	1 time	4.1500	1.8000	(9999)	7.47
	Total					2090.44
	Add for water charges @ 1%					20.90
	TOTAL					2111.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					296.644
	Total					2407.990 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					361.199
	Cost of 15.71 m					2769.19
	Cost of 1 m					176.27
	Add labour cess @ 1%					1.76
	Rate including labour cess					178.03
			Say	**Rs.178.00**	**per metre**	
12.60.1	**Extra for providing and fixing celling to corved surfaces in narrow widths**					
	Details of cost for 10 sqm					
	Labour:					
	Carpenter 1st class	per day	1.0000	342.0000	(0111)	342.00
	Carpentei 2nd class	per day	1.0000	305.0000	(0112)	305.00
	Beldar	per day	2.0000	254.0000	(0114)	508.00
	Total					1155.00
	Add for water charges @ 1%					11.55
	TOTAL					1166.55 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					163.900
	Total					1330.450 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					199.568
	Cost of 10 sqm					1530.02
	Cost of 1 sqm					153.00
	Add labour cess @ 1%					1.53
	Rate including labour cess					154.53
			Say	**Rs.154.50**	**per metre**	

12.60.2 Providing and fixing false ceiling with 12 mm thick plain/or with design ceiling tiles of BWP type phenol formaldehyde synthetic resin bonded pressed partide board conforming to IS :3087 finished with a coat of aluminium primer on both sides & edges and two coats of synthetic enamel paint of approved quality on exposed face fixed to a grid made out of anodised alumunium (with 15 micron anodic coating) T- sections 35x15x1.5 mm size main runners and cross runners 23.5x19x1.5 mm fixed to main runners placed 600 mm centre to centre both ways so as to form a grid of 600 mm square. The frame work shall be suspended from ceiling by level adjusting hangers of 6 mm dia M.S. rod fixed to roof slab by means of ceiling cleats.The suspenders shall be placed 600x1200 mm centre to centre including fixing to the frame with CP brass screws and applying a priming coat of zinc chromate yellow primer for steel members complete(Frame work and suspenders to be paid for separately)

Details of cost for 10.00 sqm

Materials:

Plain ceiling tiles 600x600x12 mm thick

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Area including 10% wastags=11.00 sqm	each	30.000	111.6 87	(7267)	3350.60	
	Carriage of tiles	LS	14.820	1.800	(9999)	26.68	
	C.P. brase screws	LS	26.910	1.800	(9999)	48.44	
	Labour:						
	Carpenter 1 st class	per day	2.500	342.000	(0111)	855.00	
	Beldar	per day	2.000	254.000	(0114)	508.00	
	Scaffolding	LS	31.070	1.800	(9999)	55.93	
	Sundries	LS	31.070	1.800	(8999)	55.93	
	Total					4900.57	
	Add for water charges @ 1%					49.01	
	TOTAL					4949.58	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					695.415	
	Total					5644.991	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					846.749	
	Cost of *10* sen					6491.74	
	Cost of 1 sqm					649.17	
	Add labour cess @ 1%					6.49	
	Rate including labour cess					655.66	
				Say	**Rs.655.70**	**per sqm**	
12.60.3	**Extra for prdoviding 3 mm thick translucent white acrylic plastic sheets of approved quality in false ceiling instead of 12 mm thick plain/or with design particle board ceiling tiles in item above. Details of cost for 10 sqm**						
	Cost of 3mm thick translucent white acrylic plastic sheets.	sqm	10.000	530.512	(7385)	5305.12	A
	Cost of 12 mm thick plain partide board ceiling tiles	sqm	10.000	104.241	(7386)	1042.41	B
	A - B					4262.71	
	Add for water charges @ 1 %					42.63	
	Total					4305.34	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					604.900	
	Total					4910.241	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					736.536	
	Cost of 10 sqm					5646.78	
	Cost of 1 sqm					564.68	
	Add labour cess @ 1%					5.65	
	Rate including labour cess					570.33	
				Say	**Rs.570.30**	**per metre**	
12.61	**Providing 10 mm thick plaster of paris (Gypsum anhydrous) ceiliing upto a height of 5 m above floor level over first class kail wood strips 25x6mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame (frame work to be paid separately)**						
12.61.1	**Flat surfaces**						
	Details of cost for 4.00x2.5=10 sqm						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Materials:					
	Wooden strps of 1st class kail wood					
	72x40x0.25x0.06=43.20 cudm '					
	Add 10% Wastage=4.32 cudm					
	=4 7352 cudm	10 cudm	4.752	288.524	(1196)	1371.07
	Carriage of timber	cum	0.048	121.880	(2204)	5.79
	Nails required for fixing the laths to frame work including breakage and wastage of nails	kilogram	0.750	55.843	(1219)	41.88
	Rabbit wire mesh required for reinfocement=2.5x4=4 = 10.00 sqm					1418.74
	Add 10% wastage =6.20 sqm					1418.74
	10.2 sqm	sqm	10.200	39.090	(1220)	398.72
	Plaster of paris-					
	2.5x4.0x10x1121/1000=-»12.10 kg					
	Add for plaster of pan's joining into the sides of the laths-					
	2.5x4.0x4.0032x1121=44.87 kg/156.97					
	Add 40% wastage 62.79/219.76					
	FUN219.76	kilogram	219.760	3.723	(0869)	818.14
	Carriage of plaster of paris	tonne'	0.220	94.800	(2308)	20.86
	Carriage of wiremesh and nails etc.	LS	2.730	1.800	(9999)	4.91
	Required for jointing the wooden strips including finishing the rabbit mesh					
	Carpenter 1st class	per day	1.600	342.000	(0111)	547.20
	Beldar .	per day	1.600	254.000	(0114)	406.40
	For doing plaster of paris over wooden strips					
	Mason	per day	3.230	342.000	(0122)	1104.66
	Beldar	per day	3.230	254.000	(0114)	820.42
	Bhishti	per day	0.540	277.000	(0101)	149.58
	Scaffolding	LS	83.980	1.800	(9999)	151.16
	Sundries	LS	53.820	1.800	(9999)	96.88
	Total					5937.67
	Add for water charges @ 1%					59.38
	TOTAL					5997.05 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					842.586
	Total					6839.637 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					1025.945
	Cost of 10 sqm					7865.58
	Cost of 1 sqm					786.56
	Add labour cess @ 1%					7.87
	Rate including labour cess					794.43
			Say	**Rs.794.40**	**per sqm**	
12.61.2	**Curved surfaces**					
	Details of cost for 4.00x2.5=10 sqm					
	Materials:					
	Wooden strips of 1st class kail wood					
	72x40x0.25x0.06=43.20 cudm					
	Add 10% wastage=4.32 cudm					
	47.52 cudm	10 cudm	4.752	288.524	(1196)	1371.07
	Carriage of timber	cum	0.048	121.880	(2204)	5.79
	Nails required for fixing the laths to frame work including breakage and wastage of nails	kilogram	0.750	55.843	(1219)	41.88
	Rabbit wire mesh required for reinfocement=2.5x4=10.00 sqm					
	Add 10% wastage=0.20 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	10.2 sqm	sqm	10.200	39.090	(1220)	398.72
	Plaster of paris-					
	2.5x4.0x10x1121/1000=112.10 kg					
	Add for plaster of paris joining into the sides of the laths-					
	2.5x4.0x4.0032x1121=44.87 kg/156.97					
	Add 40% wastage 62.79/219.76	kilogram	219.760	3.723	(0869)	818.14
	Carriage of piaster of paris	tonne	0.220	94.800	(2308)	20.86
	Carriage of wiremesh and nails etc..	LS	2.730	1.800	(9999)	4.91
	Labour:					2661.37
	Required for jointing the wooden strps including finishing the rabbit mesh					2661.37
	Carpenter 1st class	per day	1.600	342.000	(0111)	547.20
	Beldar	per day	1.600	254.000	(0114)	406.40
	For doing plaster of pan's over wooden strips					
	Mason	per day	3.230	342.000	(0122)	1104.66
	Beldar	per day	3.230	254.000	(0114)	820.42
	Bhishti	per day	0.540	277.000	(0101)	149.58
	Scaffolding	LS	83.980	1.800	(9999)	151.16
	Sundries	LS	53.820	1.800	(9999)	96.88
	Add for extra labour					
	Carpenter 1 st class	per day	0.500	342.000	(0111)	171.00
	Mason	per day	1.000	342.000	(0122)	342.00
	Beldar	per day	1.500	254.000	(0114)	381.00
	Add for water charges @ 1 %					68.32
	Add for contractor's profit and over-heads @ 15%					1035.00
	Cost of 10 sqm					7934.99
	Cost of 1 sqm					793.50
	Add labour cess @ 1%					7.93
	Rate including labour cess					801.43
				Say	**Rs.801.40**	**per sqm**
12.62	**Extra for any sunk or raised mouldings in the plaster of paris (Gypsum anhydrous) ceiling Details of cost for 10 sqm**					
	Plaste. of paris 50% of Qty 219.76 kg	kilogram	109.880	3.723	(0869)	409.07
	Carriage of plaster of paris	tonne	0.110	94.800	(2308)	10.43
	Labour:					
	Mason special	per day	2.000	342.000	(0122)	684.00
	Beldar	per day	2.000	254.000	(0114)	508.00
	Bhishti	per day	0.250	277.000	(0101)	69.25
	Scaffolding and Sundries	LS	13.520	1.800	(9999)	24.34
	Total					1705.09
	Add for water charges @ 1%					17.05
	TOTAL					1722.14 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					241.960
	Total					1964.097 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					294.614
	Cost of 10 sqm					2258.71
	Cost of 1 sqm					225.87
	Add labour cess @ 1%					2.26
	Rate including labour cess					228.13
				Say	**Rs.228.10**	**per sqm**

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.63	**Extra for providing plaster of Paris (Gypsum anhydrous) ceiling above 5 metres height from fioor level.**					
	Details of cost for 10 sqm/metre hight					
	Scaffolding	LS	13.520	1.800	(9999)	24.34
	Labour:					0.00
	Mason	per day	1.000	342.000	(0122)	342.00
	Beldars	per day	1.000	254.000	(0114)	254.00
	Bhishti	per day	0.250	277.000	(0101)	69.25
	Total					689.59
	Add for water charges @ 1%					6.90
	TOTAL					696.48 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					97.856
	Total					794.338 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					119.151
	Cost of 10 sqm					913.49
	Cost of 1 sqm					91.35
	Add labour cess @ 1%					0.91
	Rate including labour cess					92.26
			Say	**Rs.92.30**	**per sqm**	
12.64	**Providing and fixing 12mm thick plaster of pairs (Gympsum anhudrous) ceiling tiles upto a height of 5m above floor level over wooden frames and rendered smooth with plaster of paris (frame work to be paid separately)**					
	Details of cost for 10 sqm					
	4.00x2.50=10 sqm					
	Materials:					
	Hessian cloth for using in tiles reinforcement					
	10.00 sqm					
	Add for wastage 5% 0.5 sqm					
	10.50 sqm	sqm	10.500	23.268	(0765)	244.31
	Carnage of Hessian clotn	1 time	2.730	1.800	(9999)	4.91
	Plaster of paris					
	4.00x2.5x0.02x1121=26.90					
	161.42 kg	kilogram	161.000	3.723	(0869)	599.39
	Carriage of plaster of paris	tonne	0.161	0.000	(2308)	0.00
	Labour:					
	For manufacturing the tiles including finishing and filing the joints etc. after fixing the tiles.					
	Mason special	per day	2.690	342.000	(0122)	919.98
	Beldar	per day	2.690	254.000	(0114)	683.26
	Bhishti	per day	0.400	277.000	(0101)	110.80
	Labour for fixing the tiles					
	Carpenter 1st class	per day	1.610	342.000	(0111)	550.62
	Beldaar	per day	1.610	254.000	(0114)	408.94
	Brass screw 1 inch	cent	161.000	93.072	(0452)	149.85
	Scaffolding	1 time	83.980	1.800	(9999)	151.16
	Sundries	1 time	53.620	1.800	(9999)	96.52
	Total					3919.74
	Add for water charges @ 1%					39.20

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	TOTAL					3958.94 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					556.231
	Total					4515.170 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					677.275
	Cost cf 10 sqm					5192.44
	Cost of 1 sqm					519.24
	Add labour cess @ 1%					5.19
	Rate including labour cess					524.43
			Say	**Rs.524.40**	**per sqm**	
12.65	**Extra for providing and fixing piaster of Paris (Gypsum anhydrous) ceiling tiles beyond 5 metres height form floor lved.(Height beyond 5 m to be measured for extra payment)**					
	Details of cost for 10 sqm					
	Labour:					
	. Carpenter 1st class	per day	0.500	342.000	(0111)	171.00
	Beldar	per day	0.500	254.000	(0114)	127.00
	Higher scaffolding	1 time	13.520	1.800	(9999)	24.34
	Total					322.34
	Add for water charges @ 1%					3.22
	TOTAL					325.56 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					45.741
	Total					371.300 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					55.695
	Cost of 10 sqm					427.00
	Cost of 1 sqm					42.70
	Add labour cess @ 1%					0.43
	Rate including labour cess					43.13
			Say	**Rs.43.10**	**per sqm**	
12.67	**Extra for making chamfered edges of beading**					
12.67A	**Thermal Insulation of roofing with bonded mineral wool, laid over false ceiling with suitable adhesive as per directions of the Engineer -in-charge.**					
	i) 50 mm thick					
	Details of cost for 10.00 sqm					
	Area for 10.00 sqm (Finished suface)=10.00 sqm					
	Add 10% for overiappings & wastage=1.00 sqm					
	11.00 sqm					
	Cost of materials					
	Bonded mineral wool roll	sqm	11.000	97.726	(7231)	1074.99
	Adhesive bitumen grade 'A'	kilogram	0.250	26.060	(0314)	6.52
	Sundries	LS	104.000	1.800	(9999)	187.20
	Labour:					
	Carpenter 1st class	per day	0.500	342.000	(0111)	171.00
	Beldar	per day	0.500	254.000	(0114)	127.00
	Total					1566.70
	Add for water charges @ 1%					15.67

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	TOTAL					1582.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					222.323
	Total					1804.690 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					270.704
	Cost of 10 sqm					2075.39
	Cost of 1 sqm					207.54
	Add labour cess @ 1%					2.08
	Rate including labour cess					209.62
				Say	**Rs.209.60**	**per sqm**
12.67B	**Thermal Insulation of roofing wilh Expanded polystyrene fixed with suitable adhesive to the false ceiling as per the directions of the Engineer-in charge**					
12.67B.1	**With Type N-Normal**					
	i) 50 mm thick					
	Details of cost for 10.00 sqm					
	Cost of M					
	Expanded Polystyrens 1x10=10.00 sqm					
	Add wastage 10% =1.00 sqm					
	11.00 sqm					
	Expanded Polystyrene Type N-Normal	sqm	11.000	139.609	(7232)	1535.69
	Adhesive bitumen grade 'A'	kilogram	0.250	26.060	(0314)	6.52
	Sundries	1 time	5.000	1.800	(9999)	9.00
	Labour;					
	Carpenter 1st class	per day	0.500	342.000	(0111)	171.00
	Beldar	per day	0.500	254.000	(0114)	127.00
	Total					1849.21
	Add for water charges @ 1%					18.49
	TOTAL					1867.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					262.412
	Total					2130.113 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					319.517
	Cost of 10 sqm					2449.63
	Cost of 1 sqm					244.96
	Add labour cess @ 1%					2.45
	Rate including labour cess					247.41
				Say	**Rs.247.40**	**per sqm**
12.67B.2	**With Type SE Self Extinguishing type**					
	i) 50 mm thick					
	Details of cost for 10 sqm					
	Cost of M					
	Expanded Polystyrens 1x10=10.00 sqm					
	Add wastage 10% = 1.00 sqm					
	11.00 sqm					
	Expanded Polyuustyrene Type N-Normal	sqm	11.000	139.60 9	(7232)	1535.69
	Adhesive bitumen grac A'	kilogram	0.250	26.060	(0314)	6.52
	Sundries	1 time	5.000	1.800	(9999)	9.00
	Labour:					
	Carpenter 1st class	per day	0.500	342.000	(0111)	171.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Beldar	per day	0.500	254.000	(0114)	127.00
	Total					1849.21
	Add for water charges @ 1%					18.49
	TOTAL					1867.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					262.412
	Total					2130.113 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					319.517
	Cost of 10 sqm '					2449.63
	Cost of 1 sqm					244.96
	Add labour cess @ 1%					2.45
	Rate including labour cess					247.41
			Say	**Rs.247.40**	**per sqm**	
12.68	**Providing and fixing 100 mm diameter and 60 cm long rain water spout in cment mortar 1:4 (1 cement : 4 fine sand)**					
12.68.1	**Stone ware spout**					
	Details of cost for 10 stone ware cpout of 60 cm long					
	Materials:					
	Cost of 10 mm dia stoneware pipe 60 xm long=6.00 metre	each	10.000	37.229	(3004)	372.29
	Carriage	LS	13.520	1.800	(9999)	24.34
	Mortar	*LS*	13.520	1.800	(9999)	24.34
	Labour:					
	Moson	per day	0.400	305.000	(0124)	122.00
	Beldar	per day	0.400	254.000	(0114)	101.60
	Sundries	LS	5.330	1.800	(9999)	9.59
	Total					654.16
	Add for water charges @ 1%					6.54
	TOTAL					660.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					92.828
	Total					753.525 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					113.029
	Cost of 10 spouts					866.55
	Cost of 1 spout					86.66
	Add labour cess @ 1%					0.87
	Rate including labour cess					87.53
			Say	**Rs.87.50**	**spout**	
12.68.2	**Cemenet concrete spout Details of cost for 10 cement concrete spout of 60 cm long.**					
	Materials:					
	Cost of 100 mm dia stone ware pipe 60 cm long-6.00 metre	each'	10.000	37.229	(3004)	372.29
	Carriage	1 time	13.520	1.800	(9999)	24.34
	Mortar	1 time	13.520	1.800	(9999)	24.34
	Labour for fixing and placing in position					
	Mason	per day	0.400	305.000	(0124)	122.00
	Beldar	per day	0.400	254.000	(0114)	101.60

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Sundries	1 time	5.330	1.800	(9999)	9.59
	Total					654.16
	Add for water charges @ 1%					6.54
	TOTAL					660.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					92.828
	Total					753.525 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					113.029
	Cost of 10 spouts .					866.55
	Cost of 1 spout					86.66
	Add labour cess @ 1%					0.87
	Rate including labour cess					87.53
			Say	**Rs.87.50**	**spout**	
12.71	**Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix(1cement:2coarse sand:4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and making good the walls etc.**					
12.71.1	**75 mm diameter**					
	Details of cost of 5 nos.					
	Materials:					
	M.S. holder bat clamps=5 nos.	each	5.0000	18.6145	(1331)	93.07
	C.C. Block 5x0.1x0.1x0.1=0.005 cum					
	Carnage of bat clamps	1 time	7.1500	1.8000	(9999)	12.87
	Labour:					
	Fitter	per day	0.1250	348.0000	(0116)	43.50
	Mason 2nd class	per day	0.7500	305.0000	(0124)	228.75
	Beldar	per day	0.5000	254.0000	(0114)	127.00
	Sundries	1 time	2.7500	1.8000	(9999)	4.95
	20 mm nominal size	cum	0.0030	556.3300	(0295)	1.67
	10 mm nominal size	cum	0.0010	620.4200	(0297)	0.62
	Carriage of stone aggregate below					
	40 mm nominal size	cum	0.0045	0.0000	(2202)	0.00
	Coarse sand	cum	0.0022	134.0242	(0982)	0.29
	Carriage of coarse sand	cum	0.0022	0.0000	(2203)	0.00
	Cement	tonne	0.0016	5474.0000	(0367)	8.76
	Carriage of cement	tonne	0.0016	0.0000	(2209)	0.00
	Beldar	per day	0.0045	254.0000	(0114)	1.14
	coolie	per day	0.0032	265.0000	(0115)	0.85
	Bhishti	per day	0.0014	277.0000	(0101)	0.39
	Mason 1st class	per day	0.0003	342.0000	(0123)	0.10
	Mason 2nd class	per day	0.0003	305.0000	(0124)	0.09
	Mate	per day	0.0002	270.0000	(0128)	0.05
	Hire charges of machine etc.	1 time	0.1000	1.8000	(9999)	0.18
	Sundries	1 time	0.0500	1.8000	(9999)	0.09
	Sundries	1 time	0.0500	1.8000	(9999)	0.09
	Total					524.47
	Add for water charges @ 1%					5.24
	TOTAL					529.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					74.425

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					604.142 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					90.621
	Cost of 5 each					694.76
	Cost of 1 each					138.95
	Add labour cess @ 1%					1.39
	Rate including labour cess					140.34
			Say	**Rs.140.30**	**per sqm**	
12.71.2	**100 mm diameter**					
	Details of cost for 5 nos					
	Materials:					
	M.S. holder bat clamps=5 nos.	each	5.0000	18.6145	(1331)	93.07
	C.C. Block 5x0 1x0 1x0 1=0 005 cum					
	Carnage of ba! damps	1 time	0.9500	1.8000	(9999)	1.71
	Labour:					
	Fitter	per day	0.1250	348.0000	(0116)	43.50
	Mason 2nd class	per day	0.7500	305.0000	(0124)	228.75
	Beldar	per day	0.5000	254.0000	(0114)	127.00
	Sundries	**1** time	2.750	1.800	(9999)	4.95
	20mm nominal size	cum	0.003	556.330	(0295)	1.84
	10mm nominal size	cum	0.001	620.420	(0297)	0.68
	Carriage of stone aggregate below 40 mm nominal					
	Size	cum	0.004	0.000	(2202)	0.00
	Coarse sand	cum	0.002	160.690	(0982)	0.35
	Carriage of coarse sand	cum	0.002	0.000	(2203)	0.00
	Cement	tonne	0.002	5474.000	(0367)	8.76
	Carriage of cement.	tonne	0.002	0.000	(2209)	0.00
	Beldar	per day	0.005	254.000	(0114)	1.14
	Coolie	per day	0.003	265.000	(0115)	0.85
	Bhishti	per day	0.001	277.000	(0101)	0.39
	Mason 1st dass -	per day	0.000	342.000	(0123)	0.10
	Mason Iind class	per day	0.000	305.000	(0124)	0.09
	Mate	per day	0.000	270.000	(0128)	0.05
	Hire charges of machine etc.	1 time	0.100	1.800	(9999)	0.18
	Sundries	1 time	0.050	1.800	(9999)	0.09
	Sundries	1 time	0.050	1.800	'(9999)	0.09
	Total					513.60
	Add for water charges @ 1%					5.14
	TOTAL					518.74 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					72.882
	Total					591.618 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					88.743
	Cost of 5 each					680.36
	Cost of 1 each					136.07
	Add labour cess @ 1%					1.36
	Rate including labour cess					137.43
			Say	**Rs.137.40**	**per sqm**	
12.71.3	**150 mm diameter**					
	Details of cost for 5 nos.					
	Matereials:	each	5.000	41.883	(0886)	209.41
	M.S. holder bat damps=5 nos.					
	C.C. Block 5x0.1x0.1 xO. 1 =0.005 cum	1 time	0.950	1.800	(9999)	1.71
	Carriage of bat clamps					
	Labour:	pet day	0.125	348.000	(0116)	43.50
	Fitter	per day	0.750	305.000	(0124)	228.75

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Mason /no cubb	pei day	0.500	254.000	(0114)	127.00
	Beldar	1 time	2.750	1.800	(999S)	4.95
	Sundries 20 mm nominal size	cum	0.003	556.330	(0295)	1.84
	10 mm nominal size	cum	0.001	620.420	(0297)	0.68
	Carriage of stone aggregate below 40 mm nominal size	cum	0.004	0.000	(2202)	0.00
	Coarse sand	cum	0.002	160.690	(0982)	0.35
	Carriage of coarse sand	cum	0.002	0.000	(2203)	0.00
	Cement	tonne	0.002	5474.000	(0367)	8.76
	Carriage of cement.	tonne	0.002	0.000	(2209)	0.00
	Beldar	per day	0.005	254.000	(0114)	1.14
	Coolie	per day	0.003	265.000	(0115)	0.85
	Bhishti	per day	0.001	277.000	(0101)	0.39
	Mason 1nd class	per day	0.000	342.000	(0123)	0.10
	Mason 2nd class	per day	0.000	305.000	(0124)	0.09
	Mate	per day	0.000	270.000	(0128)	0.05
	Hire charges of machine etc.	1 time	0.100	1.800	(9999)	0.18
	Sundries	1 time	0.050	1.800	(9999)	0.09
	Sundries	1 time	0.050	1.800	(9999)	0.09
	Total					629.94
	Add for water charges @ 1%					6.30
	TOTAL					636.24 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					89.392
	Total					725.631 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					108.845
	Cost of 5 each					834.48
	Cost of 1 each					166.90
	Add labour cess @ 1%					1.67
	Rate including labour cess					168.57
			Say	**Rs.168.60**	**per sqm**	
12.73	**Providing lead caulked joints to.sand cast iron rain water pipes and fittings:**					
12.73.1	**75 mm dia pipe**					
	Details of cost for one joint					
	Meterials:					
	Pig lead	kilogram	0.740	74.458	(0865)	55.10
	Spun Yarn	kilogram	0.080	46.536	(1001)	3.72
	Kerosene oil fuel and sundries	1 lime	4.150	1.800	(9999)	7.47
	Carriage of materials	1 time	0.550	1.800	(9999)	0.99
	Labour:					
	Fitter	per day	0.050	348.000	(0116)	17.40
	Asstt, fitter	per day	0.060	305.000	(0117)	18.30
	Beldar	per day	0.080	254.000	(0114)	20.32
	Total					123.30
	Add for water charges @ 1%					1.23
	TOTAL					124.53 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					17.497
	Total					142.032 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					21.305
	Cost of 1 each					163.34
	Add labour cess @ 1%					1.63
	Rate including labour cess					164.97

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
			Say	**Rs.165.00**	**Each**	
12.73.2	**100 mm dia pipe**					
	Details of cost for one joint					
	Materials:					
	Pig lead	kilogram	0.980	74.458	(0865)	72.97
	Spun Yam	kilogram	0.110	46.536	(1001)	5.12
	Kerosene oil fuel and sundries	1 time	5.200	1.800	(9999)	9.36
	Carnage of materials	1 time	0.550	1.800	(9999)	0.99
	Labour:					
	Fitter	per day	0.060	348.000	(0116)	20.88
	Asst. fitter	per day	0.060	305.000	(0117)	18.30
	Beldar	per day	0.120	254.000	(0114)	30.48
	Total					158.10
	Add for water charges @ 1%					1.58
	TOTAL					159.68 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					22.435
	Total					182.114 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					27.317
	Cost of 1 each					209.43
	Add labour cess @ 1%					2.09
	Rate including labour cess					211.52
			Say	**Rs.211.50**	**Each**	
12.73.3	**150 mm dia pipe**					
	Details of cost for one joint					
	Materials:					
	Pig lead	kilogram	1.480	74.458	(0865)	110.20
	Spun Yarn	kilogram	0.170	46.536	(1001)	7.91
	kerosene oil fuel and sundries	1 time	5.200	1.800	(9999)	9.36
	Carriage of materials	1 time	1.050	1.800	(9999)	1.89
	Labour:					
	Fitter	per day	0.080	348.000	(0116)	27.84
	Asstt. Fitter	per day	0.080	305.000	(0117).	24.40
	Beldar	per day	0.150	254.000	(0114)	38.10
	Total					219.70
	Add for water charges @ 1%					2.20
	TOTAL					221.90 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					31.176
	Total					253.072 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					37.961
	Cost of 1 each					291.03
	Add labour cess @ 1%					2.91
	Rate including labour cess					293.94
			Say	**Rs.293.90**	**Each**	
12.74	**Providing and embedding sand cast iron accessories for rain water pipes in the masonary surrounded with 12 mm thick cement mortar of the same mix, as that of masonry (lead caulking wiii be paid for separately):**					
12.74.2	**Sand cast iron plain shoes**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.74.2.3	**150 mm diameter**					
	Details of cost for one shoe					
	150 mm sand cast iron plain bend	each	1.000	240.715	(0966)	240.72
	Carriage.fixing and mortar	1 time	6.750	1.800	(9999)	12.15
	Total					252.87
	Add for water charges @ 1%					2.53
	TOTAL					255.39 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					35.883
	Total					291.276 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					43.691
	Cost of 1 shoe					334.97
	Add labour cess @ 1%					3.35
	Rate including labour cess					338.32
			Say	**Rs.338.30**	**Each**	
12.78	**Providing and fixing on wall face unplasticised rigid PVC (working pressure 4 kgf per sqcm) rain water pipes conforming to IS :13592 type A including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion, (i) Single socketed pipes**					
12.78.1	**75 mm diameter**					
	Datails of cost for 6.00 metres					
	Cost of 6.00 meters pipe	metre	6.000	67.012	(7188)	402.07
	Seal rings	metre	1.000	7.446	(7190)	7.45
	Carriage of materials	LS	13.520	1.800	(9999)	24.34
	Adhesive, arid sundries etc.	LS	6.760	1.800	(9999)	12.17
	Labour:					
	Fitter	per day	0.190	348.000	(0116)	66.12
	Beldar	per day	0.370	254.000	(0114)	93.98
	Bandhani	per day	0.080	270.000	(0100)	21.60
	Scaffolding etc.	LS	18.590	1.800	(9999)	33.46
	Total					661.18
	Add for water charges @ 1%					6.61
	TOTAL					667.80 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					93.825
	Total					761.621 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					114.243
	Cost of 6 metre					875.86
	Cost of 1 metre					145.98
	Add labour cess @ 1%					1.46
	Rate including labour cess					147.44
			Say	**Rs.147.40**	**Per metre**	
12.78.2	**110 mm diameier**					
	Details of cost for 6.00 metres					
	Cost of 6.00 metres pipe	metre	6.000	125.648	(7189!	753.89
	Seal rings	metre	1.000	11.169	(7 191)	11.17
	Carriage of materials	LS	17.550	1.800	(9999)	31.59
	Adhesive and sundries etc.	LS	8.060	1.800	(9999)	14.51

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Labour:					
	Fitter	per day	0.2300	348.0000	(0116)	80.04
	Beldar	per day	0.4500	254.0000	(0114)	114.30
	Bandhani	oer day	0.1100	270.0000	(0100)	29.70
	Scaffolding etc.	LS	18.5900	1.8000	(9999)	33.46
	Total					1068.65
	Add for water charges @ 1%					10.69
	TOTAL					1079.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					151.647
	Total					1230.989 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					184.648
	Cost of 6 m					1415.64
	Cost of 1 m .					235.94
	Add labour cess @ 1%					2.36
	Rate including labour cess					238.30
			Say	**Rs.238.30**	**Per metre**	
12. 79	**Providing and fixing on wall face unplasticised -PVC moulded fittings/accessories for unplasticised rigid PVC rain water pipes conforming to IS:13592 type A including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.**					
12.79.1	**Coupler**					
12.79.1.1	**75 mm**					
	Details of cost for 1 coupler					
	Cost of coupler	each	1.0000	17.68	(7192)	17.68
	Seal rings	metre	2.0000	7.45	(7190)	14.89
	Adhesive,and sundries etc.	LS	2.7300	1.80	(9999)	4.91
	Carriage and fixing charges	LS	9.3600	1.80	(9999)	16.85
	Total					54.34
	Add for water charges @ 1%					0.54
	TOTAL					54.88 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					7.711
	Total					62.591 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					9.389
	Cost of 1 each					71.98
	Add labour cess @ 1%					0.72
	Rate including labour cess					72.70
			Say	**Rs.72.70**	**Each**	
12.79.1.2	**110 mm**					
	Details of cost for 1 coupler					
	Cost of couper	each	1.0000	38.16	(7193)	38.16
	Seal rings	metre	2.0000	11.17	(7191)	22.34
	Adhesive and sundries etc.	LS	2.7300	1.80	(9999)	4.91
	Carriage and fixing charges	LS	10.7900	1.80	(9999)	19.42
	Total					84.83
	Add for water charges @ 1%					0.85
	TOTAL					85.68 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					12.038
	Total					97.720 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					14.658
	Cost of 1 each					112.38
	Add labour cess @ 1%					1.12
	Rate including labour cess					113.50
			Say	**Rs.113.50**	**Each**	
12.79.2.1	**Single push fit coupler**					
12.79.2.1	**75 mm**					
	Details of cost for 1 coupler					
	Cost of couper	each	1.0000	17.68	(7194)	17.68
	Seal rings	metre	2.0000	7.45	(7190)	14.89
	Adhesive and sundries etc.	LS	2.7300	1.80	(9999)	4.91
	Carriage and fixing charges	LS	9.3800	1.80	(9999)	16.88
	Total					54.37
	Add for water charges @ 1%					0.54
	TOTAL					54.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					7.716
	Total					62.633 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					9.395
	Cost of 1 each					243.95
	Add labour cess @ 1%					2.44
	Rate including labour cess					246.39
			Say	**Rs.246.40**	**Each**	
12.79.2.2	**110 mm**					
	Details of cost for 1 coupler					
	Cost of couper	each	1.000	31.645	(7195)	31.64
	Seal rings	metre	2.000	11.169	(7191)	22.34
	Adhesive and sundries etc.	LS	2.730	1.800	(9999)	4.91
	Carriage and fixing charges	LS	10.790	1.800	(9999)	19.42
	Total					78.32
	Add for water charges @ 1%					0.78
	TOTAL					79.10 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					11.114
	Total					90.215 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					13.532
	Cost of 1 each .					351.38
	Add labour cess @ 1%					3.51
	Rate including labour cess					354.89
			Say	**Rs.354.90**	**Each**	
12.79.3	**Single tee with door**					
12.79.3.1	**75x75x75 mm**					
	Details of cost for 1 tee					
	Materials					
	75x75x75 mm single equal junction with access door including C ost of bolts and nuts	each	1.000	57.705	(7198)	57.70
	Sea! rings	metre	3.000	7.446	(7190)	22.34
	Adhesive, Carriage of material rubber washer etc.					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	including fixing charges	LS	10.760	1.800	(9999)	19.37
	Total					99.41
	Add for water charges @ 1%					0.99
	TOTAL					100.40 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					14.107
	Total					114.511 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					17.177
	Cost of 1 each					131.69
	Add labour cess @ 1%					1.32
	Rate including labour cess					133.01
			Say	**Rs.133.00**	**Each**	
12.79.3.2	**110x110x110mm**					
	Details of cost for 1 tee					
	Materials					
	110x110x110 mm single equal junction with access door including C ost of bolts and nuts	each	1.000	90.280	(7199)	90.28
	Seal rings	metre	3.000	7.446	(7190)	22.34
	Adhesive,Carriage of materials rubber washer etc. including fixing charges	1 time	13.470	1.800	(9999)	24.25
	Total					136.86
	Add for water charges @ 1%					1.37
	TOTAL					138.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					19.422
	Total					157.654 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					23.648
	Cost of 1 each					181.30
	Add labour cess @ 1%					1.81
	Rate including labour cess					183.11
			Say	**Rs.183.10**	**Each**	
12.79.4	**Single tee without door**					
12.79.4.1	**75x75x75mm**					
	Materials:					
	75x75x75 mm single equal junction without door	each	1.000	44.675	(7196)	44.67
	seal rings	metre	3.000	7.446	(7190)	22.34
	Adhesive , Carriage of mateniai rubber washer etc. including fixing charges	LS	10.760	1.800	(9999)	19.37
	Total					86.38
	Add for water charges @ 1%					0.86
	TOTAL					87.24 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					12.258
	Total					99.502 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					14.925
	Cost of 1 each					114.43
	Add labour cess @ 1%					1.14
	Rate including labour cess					115.57
			Say	**Rs.115.60**	**Each**	
12.79.4.2	**110x110x110 mm**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Details of cost of 1 tee						
	Matenals:						
	110x110x110 mm single equal junction without door	each	1.0000	79.1115	(7197)	79.11	
	seal rings	metre	3.0000	11.1687	(7191)	33.51	
	Adhesive , Carriage of materilal rubber washer etc.jnduding fixing charges	1 time	13.4700	1.8000	(9999)	24.25	
	Total					136.86	
	Add for water charges @ 1%					1.37	
	TOTAL					138.23	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					19.422	
	Total					157.654	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					23.648	
	Cost of 1 each					181.30	
	Add labour cess @ 1%					1.81	
	Rate including labour cess					183.11	
				Say	**Rs.183.10**	**Each**	
12.79.5	**Band 87.5^0**						
12.79.5.1	**75 mm bend**						
	Detail of cost for 1 bend						
	Cost of 1 bend	each	1.0000	34.4368	(7208)	34.44	
	Seal rings	metre	1.0000	7.4458	(7190)	7.45	
	Adhesive and sundries etc.	1 time	2.7300	1.8000	(9999)	4.91	
	Carriage and fixing charges	1 time	9.3600	1.8000	(9999)	16.85	
	Total					63.64	
	Add for water charges @ 1%					0.64	
	TOTAL					64.28	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					9.031	
	Total					73.312	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					10.997	
	Cost of 1 each					84.31	
	Add labour cess @ 1%					0.84	
	Rate including labour cess					85.15	
				Say	**Rs.85.10**	**Each**	
12.79.5.2	Band 87.5^0						
	110 mm bend						
	Details of cost for 1 bend						
	Cost of 1 bend	each	1.0000	57.7049	(7209)	57.70	
	Seal rings	metre	1.0000	11.1687	(7191)	11.17	
	Adhesive , and sundries etc.	1 time	2.7300	1.8000	(9999)	4.91	
	Carriage and fixing charges	1 time	10.7900	1.8000	(9999)	19.42	
	Total					93.21	
	Add for water charges @ 1%					0.93	
	TOTAL					94.14	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					13.227	
	Total					107.369	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					16.105	
	Cost of 1 each					123.47	
	Add labour cess @ 1%					1.23	
	Rate including labour cess					124.70	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
			Say	**Rs.124.70**	**Each**	
12.79.6	**Shoe plain**					
12.79.6.1	**75 mm shoe**					
	Details of cost for 1 Shoe					
	Cost of Shoe	each	1.0000	26.0603	(7212)	26.06
	Seal rings	metre	1.0000	7.4458	(7190)	7.45
	Adhesive and sundries etc.	1 time	2.7300	1.8000	(9999)	4.91
	Carriage and fixing charges	1 time	9.3600	1.8000	(9999)	16.85
	Total					55.27
	Add for water charges @ 1%					0.55
	TOTAL					55.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					7.843
	Total					63.664 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					9.550
	Cost of 1 each					73.21
	Add labour cess @ 1%					0.73
	Rate including labour cess					73.94
			Say	**Rs.73.90**	**Each**	
12.79.6.2	**110m Shoe**					
	Details of cost for 1 Shoe					
	Cost of Shoe	each	1.000	45.605	(7213)	45.61
	Seal rings	metre	1.000	11.169	(7191)	11.17
	Adhesive , and sundries etc.	1 time	2.730	1.800	(9999)	4.91
	Carriage and flying charges	1 time	10.790	1.800	(9999)	19.42
	Total					81.11
	Add for water charges @ 1%					0.81
	TOTAL					81.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					11.510
	Total					93.431 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					14.015
	Cost of 1 ea^ii					107.45
	Add labour cess @ 1%					1.07
	Rate including labour cess					108.52
			Say	**Rs.108.52**	**Each**	
12.80	**Providing and fixing unplasticised PVC pipe clip of approved design to unplasticised PVC rain water pipe by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing on cement mortar(1:4) 1 cement: 4 corse sand and making good the wall etc complete**					
12.80.1	**75 mm**					
	Details of cost for 5 nos.					
	Materials:					
	U-PVC pipe clips = 0 nos	each	5.000	14.892	(7214)	74.46
	Carriage of U-PVC pipe dips	1 time	2.470	1.800	(9999)	4.45
	Hardwood plug 50x50x50	each	10.000	9.307	(0870)	93.07
	Labour:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Fitter	per day	0.125	348.000	(0116)	43.50
	Mason 2nd class	per day	0.750	305.000	(0124)	228.75
	Beldar	per day	0.500	254.000	(0114)	127.00
	Sundries	1 time	7.150	1.800	(9999)	12.87
	Sundries	1 time	0.910	1.800	(9999)	1.64
	Sundries cement morter 1:4 (1 cement: 4 coarse sand)	1 time	3.900	1.800	(9999)	7.02
	Total					592.75
	Add for water charges @ 1%					5.93
	TOTAL					598.68 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					84.115
	Total					682.797 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					102.419
	Cost of 5 each					785.22
	Cost of 1 each					157.04
	Add labour cess @ 1%					1.57
	Rate including labour cess					158.61
				Say	**Rs.158.60**	**Each**
12.80.2	**110 mm**					
	Details of cost for 5 nos.					
	Materials:					
	U-PVC pipe clips = 5 nos	each	5.000	13.961	(7215)	69.80
	Carriage of U-PVC pipe dips	1 time	2.470	1.800	(9999)	4.45
	Hardwood plug 50x50x50	each	10.000	9.307	(0370)	93.07
	Labour:					
	Fitter	per day	0.125	348.000	(0116)	43.50
	Mason 2nd ciass Beldar	per day	0.750	305.000	(0124)	228.75
	Beldar	per day	0.500	254.000	(0114)	127.00
	Sundries	1 time	7.150	1.800	(9999)	12.87
	Sundries	1 time	0.910	1.800	(9999)	1.64
	Sundries cement morter 1:4 (1 cement: 4 coarse sand)	1 time	3.900	1.800	(9999)	7.02
	Total					588.10
	Add for water charges @ 1%					5.88
	TOTAL					593.98 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					83.454
	Total					677.436 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					101.615
	Cost of 5 each					779.05
	Cost of 1 each					155.81
	Add labour cess @ 1%					1.56
	Rate including labour cess					157.37
				Say	**Rs.157.37**	**Each**
12.81	**Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diametre and weighing not less than 440 grams. Details of cost for 1 grating**					
	Materials:					
	150 mm cast iron grating for rain water pipes	each	1.000	26.060	(7187)	26.06
	Carriage of meteria! and fixing charges	1 time	4.160	1.800	(9999)	7.49

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					33.55
	Add for water charges @ 1%					0.34
	TOTAL					33.88 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					4.761
	Total					38.644 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					5.797
	Cost of 1 each					44.44
	Add labour cess @ 1%					0.44
	Rate including labour cess					44.88
			Say	**Rs.44.90**	**Each**	

12.82 Providing and fixing at all height false ceiling of 12.5 mm thick tapered edge gypsum board conforming to IS : 2095 including providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanised in accordance with zinc coating 120gm/sqm as per IS : 277 and consisting of angle cleats of size 25 mm wide x 16 mm thick with flanges of 22 mm and 27 mm at 1200 mm centre to centre one flange fixed to the ceiling with clash fastner 12.5 mm dia x 40 mm long with 6 mm dia bolts to the angle hangers of 25x10x0.5 mm of recomended length, and other end of angle hanger duly fixed with nut and bolts to rate of 1200 mm centre to centre to which the ceiling section 0.5 mm thick botton wedge of 80 mm with tapered flanges of 26 mm each having clips of 10.5 mm at 450 mm centre to centre shall be be fixed in a direction perpendicular to G. I. channel with connecting clips made out of 2.64 mm dia x 230 mm long G. I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long the perimater of cilling fixed to

wall / partition with the help of rawl plugs at 450 mm centre to centre with 25 mm long dirve all screws @ 230 mm interval including jointing and fixing to a flush finish of tapered and sqare edges of the gypsum board with recommended filter, paper tapes, finisher and two coats of primer suitable for gypsum board as per manufactures specification and also including the cost of making opening light fittings gills defusers cut outs with frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of the Engineer-in-Charge but excluding the cost of painting.

Details of.cost for 10.8x9.6 m = 103.68 sqm

Materials:

Gypsum board 12.5 mm thick = 103.68 sqm					
Add wastage @ 5% = 5.18 sqm					
Total = 108.86 sqm	sqm	108.860	148.916	(7009)	16210.97
Galvanised Steel celling section size (80x26x0.50 mm)	metre	238.140	44.675	(7010)	10638.84
Galvanised Steel perimetre Channel (Size20x27x30x0.50 mm)	metre	41.640	21.407	(7011)	891.37
Galvanised Steel intermediate Channel (Size 15x45x15x0.90 mm)	metre	90.720	37.229	(7012)	3377.41
Galvanised Steel angle hanger (Celling angle)Size 25x10x0.50 mm)	metre	10.800	12.099	(7013)	130.67
Galvanised Steel connecting clips (2.64 mm dia and 230 mm long GI wire)	each	189.000	3.723	(7014)	703.63
Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots	ten	21.000	35.367	(1022)	742.72
Galvanised Steel soffit cleat (Size 27x37x25x0.60 mm)	each	72.00	2.792	(7015)	201.04
Drive-all screws 25 mm long	100 Nos.	1000.0	55.843	(7020)	558.43
Joints filler	Kilogram	22.810	25.130	(7016)	573.20

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Joints finisher	Kilogram	*34.210*	*22.337*	(7017)	764.16	
	Joints tape	roll	1.270	97.726	(7018)	124.11	
	Primer for two coats	litre	18.660	67.943	(7021).	1267.81	
	Dash fastner 12 mm dia 40 mm long with 6 mm dia bolt	each	72.000	11.169	(7388)	804.15	
		1 time	807.300	1.800	(9999)	1453.14	
	Sundries like rawl piug scafforiding etc.	1 time	447.2	1.800	(9999)	804.96	
	Add for water charges @ 1%					392.47	
	Add for contractor's profit & over heads @ 15 %					5945.86	
	Add 2.8 % for cut outs					1276.38	
	Cost of 103.68 sqm					46861.32	
	Cost of 1 sqm					451.98	(A)
	Labour:						
	Details of cost for 10 sqm						
	Carpenter	per day	*3*	*305.00*	(0112)	915.00	
	Beldar	per day	3	254.00	(0114)	762.00	
	Painter	per dsy	1	323.00	(0131)	323.00	
	Add for water charges @ 1 %					20.00	
	Add for contractor's profit and over head charges @ 15%					303.00	
	Cost for 10sqm					2323.00	
	Cost for 1 sqm					232.30	(B)
	Net rate for 1 sqm A+B					684.28	
	Add labour cess @ 1%					6.84	
	Rate including labour cess					691.12	
			Say	**Rs.691.10**	**per sqm**		

12.45 **Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutoutsmade with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with:**

12.45.1 **12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I**

Details of cost for 10.8x9.6m = 103.68sqm

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	MATERIAL: Gypsum board 12.5mm thick = 103.68 sqm.+ Add wastage @ 5% = 5.18sqm. Total = 108.86 sqm					
7009	12.5 mm thick tapered edge gypsum plain borad	sqm	108.86	148.92	(7009)	16210.97
7010	Galvanised Steel celling section (size 80x26x0.50 mm)	metre	238.14	44.67	(7010)	10638.84
7011	Galvanised Steel perimetre Channel (Size 20x27x30x0.50 mm)	metre	41.84	21.41	(7011)	895.65
7012	Galvanised Steel intermediate Channel (Size 15x45x15x0.90 mm)	metre	90.72	37.23	(7012)	3377.41
7013	Galvanised Steel angle hanger (Celling angle) (Size 25x10x0.50 mm)	metre	10.8	12.10	(7013)	130.67
7014	Galvanised Steel connecting clips (2.64 mm dia and 230 mm long GI wire)	each	189	3.72	(7014)	703.63
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots	10 Nos	216	35.37	1022	763.94
7015	Galvanised Steel soffit cleat (Size 27x37x 25x0.60 mm)	each	72	2.79	7015	201.04
7020	All drive screws (for gypsum board)	100 Nos	1000	55.84	7020	558.43
7016	Joint filler	kilogram	22.81	25.13	7016	573.20
7017	Joint finisher	kilogram	34.21	22.34	7017	764.16
7018	Joint tape roll	roll	1.27	97.73	7018	124.11
7021	Primer (for gypsum board)	litre	18.66	67.94	7021	1267.81
7388	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt 12 mm dia 40 mm long with 6 mm dia bolt	each	72	11.17	7388	804.15
9999	Sundries like rawl plug scaffolding etc.	L.S.	807.3	1.800	9999	1453.14
9999	Carriage of material etc.	L.S.	447.2	1.800	9999	804.96
	LABOUR:					
112	Carpenter 2nd class	day	31.104	305.00	112	9486.72
114	Beldar	day	31.104	254.000	114	7900.42
131	Painter	day	10.368	323.00	131	3348.86
	TOTAL					60008.11
	Add Water Charges @ 1%					600.08
	TOTAL					60608.19 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					8515.451
	Total					69123.646 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					10368.547
	Cost of 103.68 sqm					79492.19
	Cost of 1 sqm					766.71
	Add labour cess @ 1%					7.67
	Rate including labour cess					774.37
			Say	**Rs.774.40**	**per sqm**	

12.45.2 **12.5 mm thick tapered edge gypsum fire resistant board conforming to IS: 2095- Part I**

Details of cost for 103.68 sqm
Details cost for 103.68 sqm
MATERIAL:
Gypsum board 12.5mm thick = 103.68 sqm.+
Add wastage @ 5% = 5.18sqm.
Total = 108.86 sqm

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	12.5 mm thick tapered edge gypsum fire resistant board	sqm	108.86	237.33	7030	25836.23
	Galvanised Steel celling section (size 80x26x0.50 mm) metre	metre	238.14	44.67	7010	10638.84
	Galvanised Steel perimetre Channel (Size 20x27x30x0.50 mm) metre	metre	41.84	21.41	7011	895.65
	Galvanised Steel intermediate Channel (Size 15x45x15x0.90 mm) metre	metre	90.72	37.23	7012	3377.41
	Galvanised Steel angle hanger (Celling angle) (Size 25x10x0.50 mm) metre	metre	10.8	12.10	7013	130.67
	Galvanised Steel connecting clips (2.64 mm dia and 230 mm long GI wire)	each	189	3.72	7014	703.63
	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 10	10 Nos	216	35.37	1022	763.94
	Galvanised Steel soffit cleat (Size 27x37x 25x0.60 mm)	each	72	2.79	7015	201.04
	All drive screws (for gypsum board) 100	100 Nos	1000	55.84	7020	558.43
	Joint filler kilogram	kilogram	22.81	25.13	7016	573.20
	Joint finisher kilogram	kilogram	34.21	22.34	7017	764.16
	Joint tape roll	roll	1.27	97.73	7018	124.11
	Primer (for gypsum board)	litre	18.66	67.94	7021	1267.81
	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt	each	72	11.17	7388	804.15
	Sundries like rawl plug scaffolding etc.	L.S.	807.3	1.800	9999	1453.14
	Carriage of material etc.	L.S.	447.2	1.800	9999	804.96
	LABOUR:					
	Carpenter 2nd class	day	31.104	305.00	112	9486.72
	Beldar	day	31.104	254.000	114	7900.42
	Painter	day	10.37	323.00	131	3349.51
	TOTAL					69634.02
	Add Water Charges @ 1%					696.34
	TOTAL					70330.36 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					9881.416
	Total					80211.778 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					12031.767
	Cost of 103.68 sqm					92243.54
	Cost of 1 sqm					889.69
	Add labour cess @ 1%					8.90
	Rate including labour cess					898.59
			Say	**Rs.898.60**	**per sqm**	
12.45.3	**12.5 mm thick tapered edge gypsum moisture resistant board**					
	Details of cost for 103.68 sqm					
	Details cost for 103.68 sqm					
	MATERIAL:					
	Gypsum board 12.5mm thick = 103.68 sqm.+					
	Add wastage @ 5% = 5.18sqm.					
	Total = 108.86 sqm					
	12.5 mm thick tapered edge gypsum moisture resistant board	sqm	108.86	265.26	7031	28875.79
	Galvanised Steel celling section (size	metre	238.14	44.67	7010	10638.84
	80x26x0.50 mm) metre					
	Galvanised Steel perimetre Channel (Size	metre	41.84	21.41	7011	895.65

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	20x27x30x0.50 mm) metre					
	Galvanised Steel intermediate Channel (Size 15x45x15x0.90 mm) metre	metre	90.72	37.23	7012	3377.41
	Galvanised Steel angle hanger (Celling angle) (Size 25x10x0.50 mm) metre	metre	10.8	12.10	7013	130.67
	Galvanised Steel connecting clips (2.64 mm dia and 230 mm long GI wire)	each	189	3.72	7014	703.63
	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 10	10 Nos	216	35.37	1022	763.94
	Galvanised Steel soffit cleat (Size 27x37x 25x0.60 mm)	each	72	2.79	7015	201.04
	All drive screws (for gypsum board) 100	100 Nos	1000	55.84	7020	558.43
	Joint filler kilogram	kilogram	22.81	25.13	7016	573.20
	Joint finisher kilogram	kilogram	34.21	22.34	7017	764.16
	Joint tape roll	roll	1.27	97.73	7018	124.11
	Primer (for gypsum board)	litre	18.66	67.94	7021	1267.81
	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt	each	72	22.34	7388	1608.29
	Sundries like rawl plug scaffolding etc.	L.S.	807.3	1.800	9999	1453.14
	Carriage of material etc.	L.S.	447.2	1.800	9999	804.96
	LABOUR:					
	Carpenter 2nd class	day	31.104	305.00	0112	9486.72
	Beldar	day	31.104	254.000	0114	7900.42
	Painter	day	10.37	323.00	0131	3349.51
	TOTAL					73477.72
	Add Water Charges @ 1%					734.78
	TOTAL					74212.50 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					10426.856
	Total					84639.357 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					12695.904
	Cost of 103.68 sqm					97335.26
	Cost of 1 sqm					938.80
	Add labour cess @ 1%					9.39
	Rate including labour cess					948.19
			Say	**Rs.948.20**	**per sqm**	

12.45.4 **Fully Perforated Gypsum Plaster Board of size 1200 x 2400x12.5 mm having approx. 15 % perforated area with perforation size and pattern as approved by the Engineer-in-charge and as per manufacturer's specification, with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60.**

Details of cost for 103.68 sqm					
Details cost for 103.68 sqm					
MATERIAL:					
Gypsum board 12.5mm thick = 103.68 sqm.+					
Add wastage @ 5% = 5.18sqm.					
Total = 108.86 sqm					
12.5 mm thick tapered edge gypsum moisture resistant board	sqm	108.86	400.21	7028	43566.98
Galvanised Steel celling section (size 80x26x0.50 mm) metre	metre	238.14	44.67	7010	10638.84
Galvanised Steel perimetre Channel (Size 20x27x30x0.50 mm) metre	metre	41.84	21.41	7011	895.65
Galvanised Steel intermediate Channel (Size 15x45x15x0.90 mm) metre	metre	90.72	37.23	7012	3377.41

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Galvanised Steel angle hanger (Celling angle) (Size 25x10x0.50 mm) metre	metre	10.8	12.10	7013	130.67	
	Galvanised Steel connecting clips (2.64 mm dia and 230 mm long GI wire)	each	189	3.72	7014	703.63	
	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots 10	10 Nos	216	35.37	1022	763.94	
	Galvanised Steel soffit cleat (Size 27x37x 25x0.60 mm)	each	72	2.79	7015	201.04	
	All drive screws (for gypsum board) 100	100 Nos	1000	55.84	7020	558.43	
	Joint filler kilogram	kilogram	22.81	25.13	7016	573.20	
	Joint finisher kilogram	kilogram	34.21	22.34	7017	764.16	
	Joint tape roll	roll	1.27	97.73	7018	124.11	
	Primer (for gypsum board)	litre	18.66	67.94	7021	1267.81	
	Dash hold fastener 12.5 mm dia, 50 mm long with 6 mm dia bolt	each	72	22.34	7388	1608.29	
	Sundries like rawl plug scaffolding etc.	L.S.	807.3	1.800	9999	1453.14	
	Carriage of material etc.	L.S.	447.2	1.800	9999	804.96	
	LABOUR:						
	Carpenter 2nd class	day	31.104	305.00	0112	9486.72	
	Beldar	day	31.104	254.000	0114	7900.42	
	Painter	day	10.37	323.00	0131	3349.51	
	TOTAL					88168.91	
	Add Water Charges @ 1%					881.69	
	TOTAL					89050.60	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					12511.610	
	Total					101562.212	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					15234.332	
	Cost of 103.68 sqm					116796.54	
	Cost of 1 sqm					1126.51	
	Add labour cess @ 1%					11.27	
	Rate including labour cess					1137.77	
			Say	**Rs.1137.80**	**per sqm**		

12.46 **Providing and fixing to the inlet mouth of rain water pipe PTMT (an Engineering Thermoplastic) grating square (Slit) 150 mm square with a height of 8 mm and weighing not less than 100 gms.**

	Details of cost for 1 grating						
	MATERIAL						
7857	P.T.M.T. Grating square slit 150mm	each	1.00	46.54	7857	46.54	
9977	Carriage of material and fixing charges	L.S.	4.16	1.80	9977	7.49	
	TOTAL					54.02	
	Add 1 % Water charges					0.54	
	TOTAL					54.56	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					7.666	
	Total					62.231	(Y)
	Add 15 % Contractor's profit and overheads					9.335	
	Cost of each grating					71.57	
	Add labour cess @ 1%					0.72	
	Rate including labour cess					72.28	
	Say		**Say**	**Rs.72.30**	**Each**		

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.

12.47 Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.

12.47.1 **2 mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6") as specified**

Details of cost for area of roof.
2x18.09x5.1 = 184.518 sqm.
MATERIAL

8668	UV stabilised 2 mm thick corrugated FRPsheet	sqm	240.41	502.59	8668	120826.81
9977	Carriage of sheet	L.S.	104.00	1.80	9977	187.20
	G.I.Seam bolts and nuts 60cm centre to centre zig-zag i.e. 30cm centre to centre straight					
	Breadth is 5.1metre					
	No. of bolts in one lap 5.1/0.3 =17 nos.					
	2x26(laps)x17 nos. = 884 nos.					
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mmlong round head with slots	10 Nos	88.40	35.37	1022	3126.49
	G.I.,J or L hooks 8mm dia.					
	(No. of purlins to be used 5 on either side)2x5x27					
	(No. of sheets)x23 nos. of bolts in each sheet = 810 nos.					
1023	Galvanised steel J or L hooks 8 mm dia	10 Nos	81.00	107.03	1023	8669.69
1207	G.I. Limpet washer (total of seam and J bolts)	100 Nos	16.94	32.58	1207	551.83
	884+810= 1694					
1208	Bitumen washer	100 Nos	16.94	27.92	1208	472.99
9977	Carriage of bolts and washers	L.S.	26.91	1.80	9977	48.49
9999	Sundries	L.S.	53.82	1.80	9999	96.88
	LABOUR					
130	Mistry	day	1.30	254.00	0130	330.20
112	Carpenter 2nd class	day	15.50	305.00	0112	4727.50
114	Beldar	day	15.50	254.00	0114	3937.00
	TOTAL					142975.07
	Add 1 % Water charges					1429.75
	TOTAL					144404.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					20288.88
	Total					164693.70 (Y)
	Add 15 % Contractor's profit and overheads					24704.05
	Cost of 184.518 Sqm.					189397.75

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 Sqm.					1026.45
	Add labour cess @ 1%					10.26
	Rate including labour cess					1036.71
	Say		**Say**	**Rs.1036.70**	**Sqm**	
12.47.2	**2 mm thick flat**					
	Details of cost for area of roof.					
	2x18.09x5.1 = 184.518 sqm.					
	MATERIAL					
8667	UV stabilised 2 mm thick plain FRP sheet	sqm	240.41	437.44	8667	105164.08
9977	Carriage of sheet	L.S.	104.00	1.80	9977	187.39
	G.I.Seam bolts and nuts 60cm centre to centre zig-zag i.e. 30cm centre to centre straight					
	Breadth is 5.1metre					
	No. of bolts in one lap 5.1/0.3 =17 nos.					
	2x26(laps)x17 nos. = 884 nos.					
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mmlong round head with slots G.I.,J or L hooks 8mm dia.	10 Nos	88.4	35.37	1022	3126.49
	(No. of purlins to be used 5 on either side)2x5x27					
	(No. of sheets)x23 nos. of bolts in each sheet = 810 nos.					
1023	Galvanised steel J or L hooks 8 mm dia	10 Nos	81.00	107.03	1023	8669.69
1207	G.I. Limpet washer (total of seam and J bolts) 884+810= 1694	100 Nos	16.94	32.58	1207	551.83
1208	Bitumen washer	100 Nos	16.94	27.92	1208	472.99
9977	Carriage of bolts and washers	L.S.	26.91	1.80	9977	48.49
9999	Sundries	L.S.	53.82	1.80	9999	96.97
	LABOUR					
130	Mistry	day	1.30	254.00	0130	330.20
112	Carpenter 2nd class	day	15.50	305.00	0112	4727.50
114	Beldar	day	15.50	254.00	0114	3937.00
	TOTAL					127312.62
	Add 1 % Water charges					1273.13
	TOTAL					128585.75 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					18066.30
	Total					146652.05 (Y)
	Add 15 % Contractor's profit and overheads					21997.81
	Cost of 184.518 Sqm.					168649.85
	Cost of 1 Sqm.					914.00
	Add labour cess @ 1%					9.14
	Rate including labour cess					923.14
	Say		**Say**	**Rs.923.10**	**Sqm**	
12.48	**Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)**					
	Details of cost for 10 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	MATERIAL						
8670	Mangalore tiles 20 mm thick	each	160.00	7.45	8670	1191.33	
2207	Carriage of Brick tiles	1000 Nos	0.16	166.03	2207	26.56	
	LABOUR						
123	Mason (brick layer) 1st class	day	0.30	342.00	123	102.60	
114	Beldar	day	1.56	254.00	114	396.24	
9999	Sundries	L.S.	130.00	1.80	9999	234.00	
	Total					1950.73	
	Add 1 % Water charges					19.51	
	Total					1970.24	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					276.82	
	Total					2247.06	(Y)
	Add 15 % Contractor's profit and overheads					337.06	
	Cost of 10 sqm					2584.11	
	Cost of 1 sqm					258.41	
	Add labour cess @ 1%					2.58	
	Rate including labour cess					261.00	
	Say		**Say**	**Rs.261.00**	**Sqm**		

12.49 **Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).**

	Details of cost for 3.60 metre						
	MATERIAL						
8669	Mangalore ridge tiles 20 mm thick	each	12.00	7.45	8669	89.35	
2207	Carriage of Brick tiles	1000 Nos	0.01	166.03	2207	1.99	
	LABOUR						
123	Mason (brick layer) 1st class	day	0.01	342.00	123	3.42	
114	Beldar	day	0.15	254.00	114	38.10	
9999	Sundries	L.S.	2.60	1.80	9999	4.68	
	Total					137.54	
	Add 1 % Water charges					1.38	
	Total					138.92	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					19.52	
	Total					158.44	(Y)
	Add 15 % Contractor's profit and overheads					23.77	
	Cost of 3.60 metre					182.20	
	Cost for 1 metre					18.22	
	Add labour cess @ 1%					0.18	
	Rate including labour cess					18.40	
	Say		**Say**	**Rs.18.40**	**Sqm**		

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.50	**Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.**					
	Details of cost of 216.14 sqm.					
	Consider a shed of 20x10 metres. (External dimensions of plinth). Area of roof- 20.2x10.70m = 216.14 sqm. MATERIAL Sheets used = 20 nos.x10.70mx1.06m = 226.84sqm Add 3% wastage = 6.81 Total = 233.65sqm.					
8671	Precoated galvanised iron profile sheet 0.50 mm TCT	sqm	233.65	349.02	8671	81548.82
9977	Carriage of sheets	L.S.	104.00	1.80	9977	187.20
1023	Galvanised steel J or L hooks 8 mm dia	10 Nos	47.60	107.03	1023	5094.78
1208	Bitumen washer	100 Nos	4.76	27.92	1208	132.91
1209	G.I. plain washer thick	100 Nos	4.76	32.58	1209	155.06
9977	Carriage of bolts and nuts, washers etc.	L.S.	8.06	1.80	9977	14.51
9999	Sundries	L.S.	39.52	1.80	9999	71.14
	LABOUR					
130	Mistry	day	2.34	254.00	130	594.36
112	Carpenter 2nd class	day	9.34	305.00	112	2848.70
114	Beldar	day	9.34	254.00	114	2372.36
	TOTAL					93019.83
	Add 1 % Water charges					930.20
	TOTAL					93950.03 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					13199.98
	Total					107150.01 (Y)
	Add 15 % Contractor's profit and overheads					16072.50
	Cost of 216.14 sqm.					123222.51
	Cost of 1.00 sqm.					570.11
	Add labour cess @ 1%					5.70
	Rate including labour cess					575.81
	Say		**Say**	**Rs.575.80**	**Sqm**	
12.51	**Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15- 18 microns using self drilling/ self tapping screws complete :**					
12.51.1	**Ridges plain (500 - 600mm)** Detail of cost for 20.20 metre					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	One piece plain ridges Consider a shed of 20x10m (external dimensions at plinth). Length of ridges 20.2 metre + 5% wastage = 23.11 metre. MATERIAL					
8672	Precoated galvanised steel plain ridges 0.50 mm TCT and 500 -600 mm wide	metre	23.11	214.07	8672	4947.07
9977	Carriage (The ridge is to be fixed with the same hooks as the Sheets)	L.S.	13.52	1.80	9977	24.34
9999	Sundries	L.S.	6.76	1.80	9999	12.17
	LABOUR					
130	Mistry	day	0.14	254.00	130	35.56
112	Carpenter 2nd class	day	0.55	305.00	112	167.75
114	Beldar	day	1.64	254.00	114	416.56
	TOTAL					5603.45
	Add 1 % Water charges					56.03
	TOTAL					5659.48 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					795.16
	Total					6454.64 (Y)
	Add 15 % Contractor's profit and overheads					968.20
	Cost of 20.20 metre					7422.84
	Cost of 1.00 metre					367.47
	Add labour cess @ 1%					3.67
	Rate including labour cess					371.14
	Say		**Say**	**Rs.371.10**	**Sqm**	
12.51.2	**Flashings/ Aprons.(Upto 600 mm)** Details for shed of 20.2 metres completed length					
	MATERIAL Precoated galvanised steel flashings/ aprons 0.50mm TCT and wide upto 600 mm					
8673	20.20 + 5% wastage = 23.11 metre	metre	23.11	230.00	214.07	5315.30
9977	Carriage of appron pieces. (The appron pieces are to be fixed with the same hooks as the sheets)	L.S.	3.25	1.80	9977	5.86
9999	Sundries	L.S.	3.25	1.80	9999	5.85
	LABOUR					
130	Mistry	day	0.07	254.00	130	17.78
112	Carpenter 2nd class	day	0.28	305.00	112	85.40
114	Beldar	day	0.82	254.00	114	208.28
	TOTAL					5638.47
	Add 1 % Water charges					56.38
	TOTAL					5694.85 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					800.13
	Total					6494.98 (Y)
	Add 15 % Contractor's profit and overheads					974.25
	Cost of 20.20 metre					7469.22
	Cost of 1.00 metre					369.76

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add labour cess @ 1%					3.70
	Rate including labour cess					373.46
	Say		**Say**	**Rs.373.50**	**metre**	
12.51.3	**North light curves**					
	Details of North light curve 20.20 metres long complete length					
	MATERIAL					
8675	Precoated galvanised steel north light curves	metre	23.11	232.68	8675	5377.25
	20.20 + 5% wastage = 23.11 metre					
1023	Galvanised steel J or L hooks 8 mm dia	10 Nos	4.00	107.03	1023	428.13
1209	G.I. plain washer thick	100 Nos	0.40	32.58	1209	13.03
1208	Bitumen washer	100 Nos	0.40	27.92	1208	11.17
9977	Carriage of hooks, nuts, washers and curves	L.S.	9.88	1.80	9977	17.80
9999	Sundries	L.S.	6.24	1.80	9999	11.23
	LABOUR					
130	Mistry	day	0.10	254.00	130	25.40
112	Carpenter 2nd class	day	0.30	305.00	112	91.50
114	Beldar	day	1.00	254.00	114	254.00
	TOTAL					6229.52
	Add 1 % Water charges					62.30
	TOTAL					6291.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					884.00
	Total					7175.82 (Y)
	Add 15 % Contractor's profit and overheads					1076.37
	Cost of 20.20 metre					8252.19
	Cost of 1.00 metre					408.52
	Add labour cess @ 1%					4.09
	Rate including labour cess					412.61
	Say		**Say**	**Rs.412.60**	**metre**	
12.51.4	**Barge board (Upto 300 mm)**					
	Details of cost for 8.23 metres Completed length of barge boards = 8.23 + 5% wastage = 8.64 metre					
	MATERIAL					
8676	Precoated galvanised steel barge board	metre	8.64	218.72	8676	1889.74
222	Seam bolts and nuts 6 mm dia and 25 mm long	10 Nos	0.50	34.44	0222	17.22
1211	G.I. plain washer for seam bolts	100 Nos	0.10	27.92	1211	2.79
1208	Bitumen washer	100 Nos	0.05	27.92	1208	1.40
9977	Carriage of barge boards, bolts, nuts and washers	L.S.	9.36	1.80	9977	16.87
9999	Sundries	L.S.	6.76	1.80	9999	12.17
	LABOUR					
130	Mistry	day	0.04	254.00	130	10.16
112	Carpenter 2nd class	day	0.06	305.00	112	18.30
114	Beldar	day	0.40	254.00	114	101.60
	TOTAL					2070.24
	Add 1 % Water charges					20.70
	TOTAL					2090.94 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					293.78
	Total					2384.72 (Y)
	Add 15 % Contractor's profit and overheads					357.71
	Cost of 8.23 metre					2742.43
	Cost of 1.00 metre					333.22
	Add labour cess @ 1%					3.33
	Rate including labour cess					336.56
	Say		**Say**	**Rs.336.60**	**metre**	
12.51.5	**Crimp curve**					
	Details of crimp curve 20.2 metres long complete length, Area 20.20 x 1.06 =21.412 sqm					
	MATERIAL					
8677	Precoated galvanised steel crimp curve	sqm	22.48	232.68	8677	5231.36
1023	Galvanised steel J or L hooks 8 mm dia	10 Nos	4.00	107.03	1023	428.13
1209	G.I. plain washer thick	100 Nos	0.40	32.58	1209	13.03
1208	Bitumen washer	100 Nos	0.40	27.92	1208	11.17
9977	Carriage of hooks, nuts, washers and curves	L.S.	9.88	1.80	9977	17.80
9999	Sundries	L.S.	6.24	1.80	9999	11.23
	LABOUR					
130	Mistry	day	0.10	254.00	130	25.40
112	Carpenter 2nd class	day	0.30	305.00	112	91.50
114	Beldar	day	1.00	254.00	114	254.00
	TOTAL					6083.63
	Add 1 % Water charges					60.84
	TOTAL					6144.47 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					863.30
	Total					7007.76 (Y)
	Add 15 % Contractor's profit and overheads					1051.16
	Cost of 21.412 sqm					8058.93
	Cost of 1.00 sqm					376.37
	Add labour cess @ 1%					3.76
	Rate including labour cess					380.14
	Say		**Say**	**Rs.380.10**	**sqm**	
12.51.6	**Gutter (600 mm over all girth)**					
	Detail of cost of 10 metre 0.63mm thick with zinc coating not less than 275gm/sqm					
	Consider a length of 10.00m					
	Sheet used = 10x1.06m x 0.60 = 6.36 sqm. Total = 6.36 metre					
8674	Precoated galvanised steel gutter	metre	10.00	423.48	8674	4234.79
9977	Carriage of gutter	L.S.	1.04	1.80	9977	1.87
1008	Flats upto 10 mm in thickness	quintal	0.07	3420.41	1008	256.19
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mmlong round head with slots	10 Nos	2.00	35.37	1022	70.73
1024	Galvanised steel bolts & nuts 10 mm dia and 125 mm long round head with slots	each	30.00	10.24	1024	307.14
1210	G.I. plain washer thin	100 Nos	0.70	29.78	1210	20.85
1208	Bitumen washer	100 Nos	0.40	27.92	1208	11.17

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
9977	Carriage of G.I. seam bolts and washers	L.S.	2.73	1.80	9977	4.92
9999	Sundries	L.S.	5.33	1.80	9999	9.59
	LABOUR					
102	Blacksmith 1st class	day	0.50	342.00	102	171.00
114	Beldar	day	0.50	254.00	114	127.00
9999	Sundries	L.S.	12.61	1.80	9999	22.70
130	Mistry	day	0.28	254.00	130	71.12
102	Blacksmith 1st class	day	0.84	342.00	102	287.28
112	Carpenter 2nd class	day	0.62	305.00	112	189.10
114	Beldar	day	1.68	254.00	114	426.72
	TOTAL					6212.18
	Add 1 % Water charges					62.12
	TOTAL					6274.30 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					881.54
	Total					7155.84 (Y)
	Add 15 % Contractor's profit and overheads					1073.38
	Cost of 10.00 metres					8229.21
	Cost of 1.00 metre					822.92
	Add labour cess @ 1%					8.23
	Rate including labour cess					831.15
	Say		**Say**	**Rs.831.20**	**metre**	

12.52X **Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sec tions shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.**

12.52X.1 **GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.**

Details of cost for 100 sqm.

MATERIAL

Celling Area =100 sqm

Add wastage @ 5% = 0.05 sqm.

8599 Total=100.05 sqm

GI Metal Tile Lay-in Plain Tegular edge

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	global white color tiles of Size 595x595mm and 0.5 mm thick	sqm	105.00	474.67	8599	49840.24
8611	Main T ceiling sections 24x38x0.3 mm (3 metre long) Including Wastage @ 10%	each	29.50	94.00	8611	2773.09
8612	Perimeter wall angle 24x24x0.3mm (3 metre long) Including Wastage @ 10%	each	13.50	69.80	8612	942.36
8613	Intermediate cross T-section 24x25x 0.3mm (1.2 mtrs long) Including Wastage @ 10% on Grid for cut outs	each	147.00	31.64	8613	4651.76
8614	Intermediate cross T-section 24x25x 0.3mm (0.6 mtrs long) Including Wastage @ 10% on Grid for cut outs	each	147.00	15.82	8614	2325.88
8615	Hanger rod 4 mm thick	each	72.00	7.45	8615	536.10
8616	Adjustment clip 85x30x0.8mm	each	72.00	4.65	8616	335.06
8617	Soffit cleat (Size 27x37x25x1.60mm)	each	72.00	3.72	8617	268.05
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	72.00	11.17	7388	804.15
9999	Sundries i.e. scaffolding etc.	L.S.	187.95	1.80	9999	338.66
9977	Carriage of materials etc.	L.S.	89.28	1.80	9977	160.70
	LABOUR					
111	Carpenter 1st class	day	28.00	342.00	111	9576.00
114	Beldar	day	23.00	254.00	114	5842.00
	TOTAL					78394.03
	Add 1 % Water charges					783.94
	TOTAL					79177.97 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					11124.50
	Total					90302.47 (Y)
	Add 15 % Contractor's profit and overheads					13545.37
	Cost of 100 sqm.					103847.85
	Cost of 1 sqm.					1038.48
	Add labour cess @ 1%					10.38
	Rate including labour cess					1048.86
	Say		**Say**	**Rs.1048.90**	**sqm**	

12.52x.2 **GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.**

Details of cost for 100 sqm.

MATERIAL

Celling Area =100 sqm

Add wastage @ 5% = 0.05 sqm.

8600 Total=100.05 sqm

GI Metal Tile Lay-in Perforated Tegular

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	edge global white color tiles of Size 595x595mm and 0.5 mm thick	sqm	105.00	567.74	8600	59612.83	
8611	Main T ceiling sections 24x38x0.3 mm (3 metre long) Including Wastage @ 10%	each	29.50	94.00	8611	2773.09	
8612	Perimeter wall angle 24x24x0.3mm (3 metre long) Including Wastage @ 10%	each	13.50	69.80	8612	942.36	
8613	Intermediate cross T-section 24x25x 0.3mm (1.2 mtrs long) Including Wastage @ 10% on Grid for cut outs	each	147.00	31.64	8613	4651.76	
8614	Intermediate cross T-section 24x25x 0.3mm (0.6 mtrs long) Including Wastage @ 10% on Grid for cut outs	each	147.00	15.82	8614	2325.88	
8615	Hanger rod 4 mm thick	each	72.00	7.45	8615	536.10	
8616	Adjustment clip 85x30x0.8mm	each	72.00	4.65	8616	335.06	
8617	Soffit cleat (Size 27x37x25x1.60mm)	each	72.00	3.72	8617	268.05	
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	72.00	11.17	7388	804.15	
9999	Sundries i.e. scaffolding etc.	L.S.	187.95	1.80	9999	338.66	
9977	Carriage of materials etc.	L.S.	89.28	1.80	9977	160.70	
	LABOUR						
111	Carpenter 1st class	day	28.00	342.00	111	9576.00	
114	Beldar	day	23.00	254.00	114	5842.00	
	TOTAL					88166.62	
	Add 1 % Water charges					881.67	
	TOTAL					89048.29	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					12511.28	
	Total					101559.58	(Y)
	Add 15 % Contractor's profit and overheads					15233.94	
	Cost of 100 sqm.					116793.51	
	Cost of 1 sqm.					1167.94	
	Add labour cess @ 1%					11.68	
	Rate including labour cess					1179.61	
	Say		**Say**	**Rs.1179.60**	**sqm**		

12.52x.3 12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit.

Details of cost for 100 sqm.

MATERIAL

Celling Area =100 sqm

Add wastage @ 5% = 0.05 sqm.

8601 Total=100.05 sqm

PVC Laminated Gypsum Tiles (Square

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	edge) of Size 595x595 mm and 12.5 mm thick	sqm	105.00	437.44	8601	45931.20
8611	Main T ceiling sections 24x38x0.3 mm (3 metre long) Including Wastage @ 10%	each	29.50	94.00	8611	2773.09
8612	Perimeter wall angle 24x24x0.3mm (3 metre long) Including Wastage @ 10%	each	13.50	69.80	8612	942.36
8613	Intermediate cross T-section 24x25x 0.3mm (1.2 mtrs long) Including Wastage @ 10% on Grid for cut outs	each	147.00	31.64	8613	4651.76
8614	Intermediate cross T-section 24x25x 0.3mm (0.6 mtrs long) Including Wastage @ 10% on Grid for cut outs	each	147.00	15.82	8614	2325.88
8615	Hanger rod 4 mm thick	each	72.00	7.45	8615	536.10
8616	Adjustment clip 85x30x0.8mm	each	72.00	4.65	8616	335.06
8617	Soffit cleat (Size 27x37x25x1.60mm)	each	72.00	3.72	8617	268.05
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	72.00	11.17	7388	804.15
9999	Sundries i.e. scaffolding etc.	L.S.	187.95	1.80	9999	338.66
9977	Carriage of materials etc.	L.S.	89.28	1.80	9977	160.70
	LABOUR					
111	Carpenter 1st class	day	28.00	342.00	111	9576.00
114	Beldar	day	23.00	254.00	114	5842.00
	TOTAL					74484.99
	Add 1 % Water charges					744.85
	TOTAL					75229.84 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					10569.79
	Total					85799.63 (Y)
	Add 15 % Contractor's profit and overheads					12869.94
	Cost of 100 sqm.					98669.58
	Cost of 1 sqm.					986.70
	Add labour cess @ 1%					9.87
	Rate including labour cess					996.56
	Say		**Say**	**Rs.996.60**	**sqm**	

12.52x.4 **12.5 mm thick fully Perforated Gypsum Board tile made from plasterboard having glass fibre conforming to IS: 2095 part I, of size 595x595 mm, having perforation of 9.7x9.7 mm at 19.4 mm c/c with center borders of 48 mm and the side borders of 30 mm, backed with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.79, with 50 mm resin bonded glass wool backing.**

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Details of cost for 100 sqm.					
	MATERIAL					
	Celling Area =100 sqm					
	Add wastage @ 5% = 0.05 sqm.					
8602	Total=100.05 sqm					
	Gypsum Tiles Fully Perforated Square edge					
	of Size 595x595 mm and 12.5 mm thick	sqm	105.00	446.75	8602	46908.46
8611	Main T ceiling sections 24x38x0.3 mm (3 metre long)	each	29.50	94.00	8611	2773.09
	Including Wastage @ 10%					
8612	Perimeter wall angle 24x24x0.3mm (3 metre long)	each	13.50	69.80	8612	942.36
	Including Wastage @ 10%					
8613	Intermediate cross T-section 24x25x0.3mm (1.2 mtrs long)	each	147.00	31.64	8613	4651.76
	Including Wastage @ 10% on Grid for cut outs					
8614	Intermediate cross T-section 24x25x0.3mm (0.6 mtrs long)	each	147.00	15.82	8614	2325.88
	Including Wastage @ 10% on Grid for cut outs					
8615	Hanger rod 4 mm thick	each	72.00	7.45	8615	536.10
8616	Adjustment clip 85x30x0.8mm	each	72.00	4.65	8616	335.06
8617	Soffit cleat (Size 27x37x25x1.60mm)	each	72.00	3.72	8617	268.05
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	72.00	11.17	7388	804.15
9999	Sundries i.e. scaffolding etc.	L.S.	187.95	1.80	9999	338.66
9977	Carriage of materials etc.	L.S.	89.28	1.80	9977	160.70
	LABOUR					
111	Carpenter 1st class	day	28.00	342.00	111	9576.00
114	Beldar	day	23.00	254.00	114	5842.00
	TOTAL					75462.25
	Add 1 % Water charges					754.62
	TOTAL					76216.87 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					10708.47
	Total					86925.34 (Y)
	Add 15 % Contractor's profit and overheads					13038.80
	Cost of 100 sqm.					99964.15
	Cost of 1 sqm.					999.64
	Add labour cess @ 1%					10.00
	Rate including labour cess					1009.64
	Say		**Say**	**Rs.1009.60**	**sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.53X	**Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge.**					
	Details of cost for 100 sqm.					
	MATERIAL					
8589	Calcium Silicate tegular edged celling tiles 495x495 mm and 15 mm thick	sqm	105.00	800.42	8589	84044.32
	Area = 100 sqm + Add 5% wastage = 5 sqm					
	Total = 105 sqm					
8590	Galvanised Steel main Tee ceiling section Size 24x38x0.33mm (3.00 metre long)	each	29.50	105.17	8590	3102.57
8591	Galvanised Steel perimeter wall Angle Size 24 x 24 x 0.40 mm (3.00 metre long)	each	13.50	58.64	8591	791.58
8592	Galvanised Steel intermediate cross T section Size 24 x 25 x 0.33 mm (1.2 metre long)	each	147.00	35.37	8592	5199.02
8593	Galvanised Steel intermediate cross T section Size 24 x 25 x 0.33. (0.6 metre long)	each	147.00	17.68	8593	2599.51
8615	Hanger rod 4 mm thick	each	72.00	7.45	8615	536.10
8616	Adjustment clip 85x30x0.8mm	each	72.00	4.65	8616	335.06
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	72.00	11.17	7388	804.15
8617	Soffit cleat (Size 27x37x25x1.60mm)	each	72.00	3.72	8617	268.05
8595	Wooden screws with plastic rawl plugs 35x8 mm	each	100.00	0.93	8595	93.07
9999	scaffolding etc.	L.S.	498.65	1.80	9999	898.49
9977	Carriage of materials etc.	L.S.	237.48	1.80	9977	427.90
9999	Sundries	L.S.	310.70	1.80	9999	559.83
	LABOUR					
111	Carpenter 1st class	day	28.00	342.00	111	9576.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
114	Beldar	day	23.00	254.00	114	5842.00
	TOTAL					115077.64
	Add 1 % Water charges					1150.78
	TOTAL					116228.42 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					16330.09
	Total					132558.51 (Y)
	Add 15 % Contractor's profit and overheads					19883.78
	Cost of 100 sqm.					152442.29
	Cost of 1 sqm.					1524.42
	Add labour cess @ 1%					15.24
	Rate including labour cess					1539.67
	Say		**Say**	**Rs.1539.70**	**sqm**	

12.54x Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join,C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring T with :

12.54x.1 **GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of GI sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.**

Details of cost for 100 sqm.

MATERIAL

Celling Area =100 sqm

Add wastage @ 5% = 5 sqm.

Total=105 sqm

8597	GI Metal Tile Clip in Plain Beveled edge global white colour tiles of size 600x600 mm and 0.5mm thick	sqm	105.00	604.97	8597	63521.87
8604	Spring T-section 24x34x0.45 mm (3.00 meter long) Including Wastage @ 10%	metre	60.00	167.53	8604	10051.81
8605	C Wall angle section 20x30x20x0.50 mm (3.00 meter long) Including Wastage @ 10%	metre	27.70	83.77	8605	2320.29
8606	Main C Carrier Size 10x38x10x0.70mm (3.00 meter long) Including Wastage @ 10% on Grid for cut outs	metre	33.00	102.38	8606	3378.53
8607	Spring T-connector	each	44.00	4.65	8607	204.76
8608	C Carrier Connector	each	44.00	10.24	8608	450.47
8609	C Suspension Clip	each	88.00	7.45	8609	655.23
8610	Wire Coupling Clip	each	333.00	8.38	8610	2789.38

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
8615	Hanger rod 4 mm thick	each	80.00	8.00	8615	640.00
8616	Adjustment clip 85x30x0.8mm	each	80.00	4.65	8616	372.29
8617	Soffit cleat (Size 27x37x25x1.60mm)	each	80.00	3.72	8617	297.83
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	80.00	11.17	7388	893.49
9999	Sundries i.e. scaffolding etc.	L.S.	188.00	1.80	9999	338.75
9977	Carriage of materials etc.	L.S.	90.00	1.80	9977	162.17
	LABOUR					
111	Carpenter 1st class	day	28.00	342.00	111	9576.00
114	Beldar	day	23.00	254.00	114	5842.00
	TOTAL					101494.87
	Add 1 % Water charges					1014.95
	TOTAL					102509.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					14402.63
	Total					116912.44 (Y)
	Add 15 % Contractor's profit and overheads					17536.87
	Cost of 100 sqm.					134449.31
	Cost of 1 sqm.					1344.49
	Add labour cess @ 1%					13.44
	Rate including labour cess					1357.94
	Say		**Say**	**Rs.1357.90**	**sqm**	

12.54x.2 **GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of GI sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation.**

	Details of cost for 100 sqm. MATERIAL					
	Celling Area =100 sqm					
	Add wastage @ 5% = 5 sqm. Total=105 sqm					
	GI Metal Tile Clip in Perforated Beveled edge global white colour tiles of size 600x600 mm and 0.5mm thick					
	Spring T-section 24x34x0.45 mm (3.00 meter long)					
	Including Wastage @ 10%					
8598	C Wall angle section 20x30x20x0.50 mm (3.00 meter long)					
	Including Wastage @ 10%					
	Main C Carrier Size 10x38x10x0.70mm (3.00 meter long)	sqm metre	105.00	755.75	8598	79353.48
8604	Including Wastage @ 10% on Grid for cut outs					
	Spring T-connector C Carrier Connector C Suspension Clip Wire Coupling Clip	metre	60.00	167.53	8604	10051.81
	Hanger rod 4 mm thick Adjustment clip 85x30x0.8mm					
8605	Soffit cleat (Size 27x37x25x1.60mm) Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt					
	Sundries i.e. scaffolding etc. Carriage of materials etc.	metre	27.70	83.77	8605	2320.29

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
8606	Main C Carrier Size 10x38x10x0.70mm (3.00 meter long) Including Wastage @ 10% on Grid for cut outs	metre	33.00	102.38	8606	3378.53	
8607	Spring T-connector	Each	44.00	4.65	8607	204.76	
8608	C Carrier Connector	Each	44.00	10.24	8608	450.47	
8609	C Suspension Clip Wire Coupling Clip	Each	88.00	7.45	8609	655.23	
8610	Wire Coupling Clip	Each	333.00	8.38	8610	2789.38	
8615	Hanger rod 4 mm thick	Each	80.00	8.00	8615	640.00	
8616	Adjustment clip 85x30x0.8mm	Each	80.00	4.65	8616	372.29	
8617	Soffit cleat (Size 27x37x25x1.60mm)	Each	80.00	3.72	8617	297.83	
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	Each	80.00	11.17	7388	893.49	
9999	Sundries i.e. scaffolding etc.	LS	188.00	1.80	9999	338.75	
9977	Carriage of materials etc.	LS	90.00	1.80	9977	162.17	
	LABOUR						
111	Carpenter 1st class	day	28.00	342.00	111	9576.00	
114	Beldar	day	23.00	254.00	114	5842.00	
	TOTAL					117326.47	
	Add 1 % Water charges					1173.26	
	TOTAL					118499.74	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					16649.21	
	Total					135148.95	(Y)
	Add 15 % Contractor's profit and overheads					20272.34	
	Cost of 100 sqm.					155421.29	
	Cost of 1 sqm.					1554.21	
	Add labour cess @ 1%					15.54	
	Rate including labour cess					1569.76	
	Say		**Say**	**Rs.1569.80**	**sqm**		

12.55x **Providing and fixing Heat Resistant Terrace Tiles (300 mm x 300 mm x 20 mm) with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid on 20 mm thick cement sand mortar in the ratio of 1:4 (1 cement : 4 coarse sand) and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including rubbing and polishing of the surface upto 3 cuts complete, including providing skirting upto 150 mm height along the parapet walls in the same manner.**

	Details of cost for 10 sqm						
	Area= 10 sqm+						
	Add wastage @ 3%=0.3 sqm						
	Total=10.30 sqm						
	MATERIAL						
1204	Precast heat resistant terrace tiles (size 300x300mm) and 20mm thick	sqm	10.30	442.09	1204	4553.56	
	Cement mortar 1:4 (1 cement : 4 coarse sand)						
3.9	Rate as per Item No.2113 of SH:Mortar	cum	0.22	2534.72	2113	567.78	A
367	Portland Cement (OPC-43 grade)	tonne	0.04	5474.00	0367	240.86	
368	White Cement	tonne	0.04	10424.10	0368	458.66	
2209	Carriage of Cement	tonne	0.09	0.00	2209	0.00	
875	Red, chocolate, orange, buff or yellow (red oxide of iron) light shade pigment	kilogram	3.08	74.46	0875	229.33	
	LABOUR						
124	Mason (brick layer) 2nd class	day	1.60	305.00	0124	488.00	
115	Coolie	day	2.00	265.00	0115	530.00	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
139	Skilled Beldar (for floor rubbing etc.)	day	1.00	305.00	0139	305.00	
101	Bhisti	day	1.00	277.00	0101	277.00	
13	Machine for rubbing of floors	day	1.60	350.00	0013	560.00	
9999	Sundries including carborandum stone etc.	L.S.	169.98	1.80	9999	306.28	
	Total					8516.46	
	Add 1 % Water chargesexcept A					79.49	
	Total					8595.95	(X)
	Add GST 12% on "X" except A(multiplying factor 0.1405)					1127.96	
	Total					9723.91	(Y)
	Add 15 % Contractor's profit and overheads except A					1373.42	
	Cost of 10 sqm					11097.33	
	Cost of 1 sqm					1109.73	
	Add labour cess @ 1%					11.10	
	Rate including labour cess					1120.83	
	Say		**Say**	**Rs.1120.80**	**sqm**		
12.56x	**Providing and laying roof insulation with 40 mm thick impervious sprayed, closed cell free Rigid Polyurethane foam over deck insulation conforming to IS - 12432 Pt. III (density of foam being 40-45 kg/ cum), over a coat of polyurethane primer applied @ 6-8 sqm per litre, laying 400 G polythene sheet over PUF spray and providing a wearing course of 40 mm thick cement screed 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 20 mm nominal size) in chequered rough finish, in panels of 2.5 m x 2.5 m and embedding with 24 G wire netting and sealing the joints with polymerized mastic, all complete as per direction of Engineer-in-Charge.**						
	Details of cost for 1 sqm						
	MATERIAL						
7050	PU Primer	sqm	1.00	37.23	7050	37.23	
	Area for PU Spray = 1 sqm+						
	Add for wastage @ 10%=0.10 sqm						
	Total=1.10 sqm						
7051	40 mm (average) PU spray having 40-45 kg/m3 density	sqm	1.10	391.83	7051	431.02	
7052	GI wire netting 3/4" x 24 G	sqm	1.00	25.13	7052	25.13	
9999	Sundries	L.S.	6.71	1.73	9999	11.61	
9999	Polymerized mastic for all joints	L.S.	20.13	1.73	9999	34.82	
7053	400 G polythene sheet	sqm	1.00	13.96	7053	13.96	
9999	Cement	L.S.	44.67	1.80	9999	80.41	
9999	Graded stone	L.S.	13.75	1.80	9999	24.78	
9999	Sand	L.S.	21.48	1.80	9999	38.66	
9977	Carriage of material	L.S.	16.78	1.80	9977	30.20	
	LABOUR						
9999	For PU spray	L.S.	80.54	1.80	9999	144.97	
9999	For cement screed with Polythene sheet	L.S.	53.69	1.80	9999	96.64	
	Total					969.43	
	Add 1 % Water charges					9.69	
	Total					979.13	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					137.57	
	Total					1116.70	(Y)
	Add 15 % Contractor's profit and overheads					167.50	
	Total					1284.20	
	Cost of 1 sqm					1284.20	
	Add labour cess @ 1%					12.84	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Rate including labour cess					1297.04
	Say		**Say**	**Rs.1297.00**	**sqm**	
12.57x	**Providing and fixing thermal insulation with Resin Bonded Fibre glass wool conforming to IS: 8183 having density 24 kg/m3, 50 mm thick, wrapped in 200G Virgin Polythene Bags fixed to wall with screw, rawel plug & washers and held in position by criss crossing GI wire etc. complete as per directions of Engineer-in-Charge.**					
	Details of cost for 10 sqm					
	MATERIAL					
	Area for 10.00sqm. (Finished surface) = 10.00sqm.+					
	Add Wastage @ 10% =1.00 sqm					
	Total =11.00sqm					
7232	Resin Bonded Glass wool 24 kg/m³					
	50 mm thick	sqm	11.00	139.61	7232	1535.69
9999	Sundries including GL wire 20 SWg and Virgin polythene bags 200 gram	L.S.	52.00	1.80	9999	93.60
	LABOUR					
111	Carpenter 1st class	day	0.50	342.00	111	171.00
114	Beldar	day	0.50	254.00	114	127.00
9999	Sundries (screws and washers)	L.S.	20.00	1.80	9999	36.00
	Total					1963.29
	Add 1 % Water charges					19.63
	Total					1982.93 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					278.60
	Total					2261.53 (Y)
	Add 15 % Contractor's profit and overheads					339.23
	Cost of 10 sqm					2600.76
	Cost of 1 sqm					260.08
	Add labour cess @ 1%					2.60
	Rate including labour cess					262.68
	Say		**Say**	**Rs.262.70**	**sqm**	
12.58x	**Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
12.58.1	**8 mm thick fully perforated calcium silicate board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm , of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing.**					
	Details of cost for 100 sqm					
	Ceiling area = 100 sq.m					
	Add wastage @ 5% = 0.05 Sqm					
	Total =100.05 Sq.m					
	MATERIALS :					
8784	8mm thick Calcium silicate perforated tiles of size 595 x595mm	sqm	100.05	642.20	8784	64252.02
8611	Main T ceiling sections 24x38x0.3 mm (3 metre long)	each	29.50	94.00	8611	2773.09
8612	Perimeter wall angle 24x24x0.3mm (3 metre long)	each	13.50	69.80	8612	942.36
8613	Intermediate cross T-section 24x25x 0.3mm (1.2 mtrs long)	each	147.00	31.64	8613	4651.76
8614	Intermediate cross T-section 24x25x 0.3mm (0.6 mtrs long)	each	147.00	15.82	8614	2325.88
8615	Hanger rod 4 mm thick	each	72.00	7.45	8615	536.10
8616	Adjustment clip 85x30x0.8mm	each	72.00	4.65	8616	335.06
8617	Soffit cleat (Size 27x37x25x1.60mm)	each	72.00	3.72	8617	268.05
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	72.00	11.17	7388	804.15
9977	Sundries	L.S.	89.28	1.80	9977	160.87
9999	Sundries i.e scaffolding etc.	L.S.	187.95	1.80	9999	338.31
	LABOUR :					
111	Carpenter 1st class	day	28.00	342.00	0111	9576.00
114	Beldar	day	23.00	254.00	0114	5842.00
	TOTAL					92805.63
	Add 1 % Water charges					928.06
	TOTAL					93733.69 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					13169.58
	Total					106903.27 (Y)
	Add 15 % Contractor's profit and overheads					16035.49
	Cost of 100 sqm.					122938.77
	Cost of 1 sqm.					1229.39
	Add labour cess @ 1%					12.29
	Rate including labour cess					1241.68
	Say		**Say**	**Rs.1241.70**	**sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.

12.59x **Providing & fixing false ceiling at all height including providing & fixing of framework made of special section, power pressed from M.S. sheets and galvanised with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleat of size 25mm wide x 1.6mm thick with flanges of 27mm and 37mm, at 1200mm c/c, one flange fixed to the ceiling with dash fastener 12.5mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25 x10 x0.50mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I chanels 45 x15 x 0.90mm running at the spacing of 1200 mm c/ c, to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flanges of 26 mm each having lips of 10.5mm, at 450mm c/c, shall be fixed in a direction perpendicular to G.I intermediate channel with connecting clip made out of 2.64mm dia x 230mm long G.I wire at every junction, including fixing perimeter channels 0.50mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/ partitions with the help of Rawl plugs at 450mm centre, with 25mm long dry wall screws @ 230mm interval, including fixing of Calcium Silicate Board to ceiling section and perimeter channels with the help of dry wall screws of size 3.5 x25mm at 230mm c/c, including jointing & finishing to a flush finish of tapered and square edges of the board with recommended jointing compounds, jointing tapes,finishing with jointing compounds in three layers covering up to 150mm on both sides of joints and two coats of primer suitable for boards, all as per manufacture's specification and also including the cost of making opening for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed, all complete as per drawings, specificaton and direction of the Engineer in charge but excluding the cost of painting with:**

12.59.1 **8 mm thick Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process.**

Details of cost for 10.8 m x 9.6m = 103.68 sqmMATERIALS:Area = 103.68 sq.m + Add. Wastage of5% = 5.18 Sq.m Total = 108.86 Sqm

MATERIALS :

8699	8 mm thick tapered edge calcium silicate board	sqm	108.86	232.68	8699	25329.64
7010	G.I Ceiling Section (80 x26mm x26mm x 10.5mm each lip x 0.55 mm)	metre	238.14	44.67	7010	10638.84
7011	Galvanised Steel perimetre Channel (Size 20x27x30x0.50mm)	metre	41.84	21.41	7011	895.65
7012	Galvanised Steel intermediate Channel (Size 15x45x15x0.90mm)	metre	90.72	37.23	7012	3377.41
7013	Galvanised Steel angle hanger (Celling angle) (Size 25x10x0.50mm)	metre	10.80	12.10	7013	130.67
7014	Galvanised Steel connecting clips (2.64mm dia and 230 mm long GI wire)	each	189.00	3.72	7014	703.63
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mmlong round head with slots	10 Nos	21.60	35.37	1022	763.94
8617	Soffit cleat (Size 27x37x25x1.60mm)	each	72.00	3.72	8617	268.05
7020	All drive screws (for gypsum board)	100 Nos	10.00	55.84	7020	558.43
7016	Joint filler	kilogram	22.81	25.13	7016	573.20
7017	Joint finisher	kilogram	34.21	22.34	7017	764.16
7388	Dash hold fastener 12.5 mm dia, 40 mm long with 6 mm dia bolt	each	72.00	11.17	7388	804.15

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
7018	Joint Tape roll (120mm Roll)	roll	1.27	97.73	7018	124.11	
7021	Primer (for gypsum board// calcium silicate board)	litre	18.66	67.94	7021	1267.81	
9977	Carriage	L.S.	447.20	1.80	9977	805.78	
9999	Sundries i.e rawl plug, scaffolding etc.	L.S.	807.30	1.80	9999	1453.14	
	LABOUR :						
112	Carpenter 2nd class	day	31.10	305.00	0112	9485.50	
114	Beldar	day	31.10	254.00	0114	7899.40	
131	Painter	day	10.37	323.00	0131	3349.51	
	TOTAL					69193.03	
	Add 1 % Water charges					691.93	
	TOTAL					69884.96	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					9818.84	
	Total					79703.79	(Y)
	Add 15 % Contractor's profit and overheads					11955.57	
	Cost of 103.68 sqm.					91659.36	
	Cost of 1 sqm.					884.06	
	Add labour cess @ 1%					8.84	
	Rate including labour cess					892.90	
	Say		**Say**	**Rs.892.90**	**sqm**		
12.60X	**Providing and fixing thermal insulation of ceiling (under deck insulation) with Resin Bonded Rockwool conforming to IS: 8183,density 48 kg/ m3, 50 mm thick, wrapped in 200 G Virgin Polythene bags fixed to ceiling with metallic cleats (50x50x3 mm) @ 60 cm and wire mesh of 12.5mm x 24 gauge wire mesh, for top most ceiling of building.**						
	Details of cost for 10 sqm						
	Area for 10.00 sqm. (Finished surface)=10.00sqm.+ Add 10% for ovelappings &wastage= 1.00sqm. Total= 11.00sqm						
7273	Resin Bonded Rockwool 48 kg/m3	sqm	11.00	116.34	7273	1375.00	
9999	Sundries including GI wire 20 SWG and polythene bags 200gms	L.S.	104.00	1.80	9999	179.92	
9999	GI chiken mesh 12.5mm x 24 SWG	L.S.	351.00	1.80	9999	607.23	
	LABOUR						
111	Carpenter 1st class	day	1.00	342.00	0111	487.00	
114	Beldar	day	2.00	254.00	0114	736.00	
	TOTAL					3385.15	
	Add 1 % Water charges					33.85	
	TOTAL					3419.00	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					480.37	
	Total					3899.37	(Y)
	Add 15 % Contractor's profit and overheads					584.91	
	Cost of 10 sqm.					4484.28	
	Cost of 1 sqm.					448.43	
	Add labour cess @ 1%					4.48	
	Rate including labour cess					452.91	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Say		**Say**	**Rs.452.90**	**sqm**	
12.61X	**Providing and fixing thermal insulation with Resin bonded rock wool conforming to IS: 8183, density 48 kg/m3, 50 mm thick, wrapped in 200 G virgin Polythene bags placed over existing false ceilng and held in position by criss- crossing GI wire.**					
	Details of cost for 10 sqm Area for 10.00sqm. (Finished surface)=10.00sqm.+ Add 10% for ovelappings &wastage= 1.00sqm. Total= 11.00sqm					
7273	Resin Bonded Rockwool 48 kg/m3	sqm	11.00	116.34	7273	1375.00
9999	Sundries including GI wire 20 SWG and polythene bags 200gms	L.S.	52.00	1.80	9999	89.96
	LABOUR					
111	Carpenter 1st class	day	0.50	342.00	0111	243.50
114	Beldar	day	0.50	254.00	0114	184.00
	TOTAL					1892.46
	Add 1 % Water charges					18.92
	TOTAL					1911.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					268.55
	Total					2179.93 (Y)
	Add 15 % Contractor's profit and overheads on "Y"					326.99
	Cost of 10 sqm					2506.92
	Cost of 1 sqm					250.69
	Add labour cess @ 1%					2.51
	Rate including labour cess					253.20
	Say		**Say**	**Rs.253.20**	**sqm**	
12.62X	**Providing and fixing thermal insulation with Resin Bonded rock wool conforming to IS: 8183, having density 48 kg/m3,50 mm thick,wrapped in 200 G Virgin Polythene Bags fixed to wall wirh screw, rawel plug & washers and held and in position by criss cossing GI wire etc. complete as per directions of Engineer-in-Charge.**					
	Details of cost for 10 sqm Area for 10.00sqm. (Finished surface)=10.00sqm.+ Add 10% for ovelappings &wastage= 1.00sqm. Total= 11.00sqm					
7273	Resin Bonded Rockwool 48 kg/m3	sqm	11.00	116.34	7273	1375.00
9999	Sundries including GI wire 20 SWG and Virgin polythene bags 200 gram and Carriage	L.S.	52.00	1.80	9999	89.96
	LABOUR					
111	Carpenter 1st class	fay	0.50	342.00	0111	243.50
114	Beldar	fay	0.50	254.00	0114	184.00
9999	Sundries (screws & washers)	L.S.	20.00	1.80	9999	34.60
	TOTAL					1927.06
	Add 1 % Water charges					19.27
	TOTAL					1946.33 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					273.46
	Total					2219.79 (Y)
	Add 15 % Contractor's profit and overheads					332.97
	Cost of 10 sqm					2552.76
	Cost of 1 sqm					255.28
	Add labour cess @ 1%					2.55
	Rate including labour cess					257.83
	Say		**Say**	**Rs.257.80**	**sqm**	
12.63X	**Providing and applying two coats of High Albedo paint having minimum Solar Reflective Index (SRI) 108 (with solar reflectance & thermal emittance tested as per ASTM) C 1549 and ASTM C 1371 respectively), VOC less than 10 cc/gm. The coating thickness and the methodology of application shall strctly as per manufacturer's specifications and as approved by Engineer-in-Charge. Surface preparation includes cleaning with metal wire brush to remove all dust, fungus etc., washing with water all complete. The contractor shall give guarantee for the perfomance of SRI and also the durabitity of coating, all complete as per direction of Engineer-in-Charge.**						
	Details of cost for 10 Sqm.					
	MATERIALS :					
7238	High Albedo paint	kg	7.17	206.66	7238	1720.80
9977	Carriage of paint	L.S.	4.53	1.80	9977	7.84
	LABOUR :					
114	Beldar (for cleanign the surface)	day	0.54	254.00	0114	198.72
131	Painter	day	0.54	323.00	0131	241.92
9999	Sundries (Brushes & T&P etc.	L.S.	13.52	1.80	9999	23.39
	MACHINERY :					
	TOTAL					2192.67
	Add 1 % Water charges					21.93
	TOTAL					2214.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					311.15
	Total					2525.75 (Y)
	Add 15 % Contractor's profit and overheads					378.86
	Cost of 10 Sqm.					2904.61
	Cost of 1 Sqm.					290.46
	Add labour cess @ 1%					2.90
	Rate including labour cess					293.37
	Say		**Say**	**Rs.293.40**	**sqm**	

SUB HEAD : 13.0
FINISHING

13.0 Finishing

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cement plaster in course sand					
13.11	**12 mm cement plaster of mix:**					
13.11.1	**1:3 (1 cement:3 coarse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.144	3246.34	(2112)	467.47
	Labour:					
	Mason	per day	0.670	305.00	(0155)	204.35
	Coolie	per day	0.750	265.00	(0115)	198.75
	Bhishsti.	per day	0.920	277.00	(0101)	254.84
	Scaffolding and sundries	1 time	12.610	1.80	(9999)	22.70
	Add for water charges @ 1 %					11.48
	Total					1159.59
	Add GST 12% on "X" (multiplying factor 0.1405)					162.92
	Total					1322.52 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					198.38
	Cost of 10 sqm					1520.89
	Cost of 1 sqm					152.09
	Add labour cess @ 1%					1.52
	Rate including labour cess					153.61
			Say	**Rs.153.60**	**per sqm**	
13.11.2	**1:4 (1 cement :4 coarse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.144	2534.72	(2113)	365.00
	Labour:					
	Mason	per day	0.670	305.00	(0155)	204.35
	Coolie	per day	0.750	265.00	(0115)	198.75
	Bhishti	per day	0.920	277.00	(0101)	254.84
	Scaffolding and sundries	1 time	12.610	1.80	(9999)	22.70
	Add for water charges @ 1 %					10.46
	Total					1056.09 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					148.38
	Total					1204.48 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					180.67
	Cost of 10 sqm					1385.15
	Cost of 1 sqm					138.51
	Add labour cess @ 1%					1.39
	Rate including labour cess					139.90
			Say	**Rs.139.90**	**per sqm**	
13.11.3	**1:5 (1 cement: 5 coarse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.144	2151.54	(2114)	309.82
	Labour:					
	Mason	per day	0.670	305.00	(0155)	204.35
	Coolie	per day	0.750	265.00	(0115)	198.75
	Bhishti	per day	0.920	277.00	(0101)	254.84
	Scaffolding and sundries	1 time	12.610	1.80	(9999)	22.70

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for water charges @ 1 %					9.90
	Total					1000.36 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					140.55
	Total					1140.92 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					171.14
	Cost of 10 sqm					1312.05
	Cost of 1 sqm					131.21
	Add labour cess @ 1%					1.31
	Rate including labour cess					132.52
			Say	**Rs.132.50**	**per sqm**	
13.11.4	**1:6 (1 cement: 6 coarse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.144	Rs.1823.10	(2115)	262.53
	Labour:					
	Mason	per day	0.670	Rs.305.00	(0155)	204.35
	Coolie	per day	0.750	Rs.265.00	(0115)	198.75
	Bhishti	per day	0.920	Rs.277.00	(0101)	254.84
	Scaffolding and sundries	1 time	12.610	Rs.1.80	(9999)	22.70
	Add for water charges @ 1 %					9.43
	Total					952.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					133.84
	Total					1086.44 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					162.97
	Cost of 10 sqm					1249.40
	Cost of 1 sqm					124.94
	Add labour cess @ 1%					1.25
	Rate including labour cess					126.19
			Say	**Rs.126.20**	**per sqm**	
13.12	**15 mm cement plaster on rough side of single or half brick wall of mix.**					
13.12.1	**1:3 (1 cement :3 coarse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.172	Rs.3246.34	(2112)	558.37
	Labour:					
	Mason	per day	0.800	Rs.305.00	(0155)	244.00
	Coolie	per day	0.880	Rs.265.00	(0115)	233.20
	Bhishti	per day	0.990	Rs.277.00	(0101)	274.23
	Scaffo!dir.3 and sundries	1 time	12.610	Rs.1.80	(9999)	22.70
	Add for water charges @ 1 %					13.32
	Total					1345.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					189.09
	Total					1534.91 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					230.24
	Cost of 10 sqm					1765.15
	Cost of 1 sqm					176.51
	Add labour cess @ 1%					1.77
	Rate including labour cess					178.28
			Say	**Rs.178.30**	**per sqm**	
13.12.2	**1:4(1 cement : 4 coarse sand)**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Details cfccn for 10 sqm					
	Materials:					
	Cement mortar	cum	0.172	Rs.2534.72	(2113)	435.97
	Labour:					
	Mason	per day	0.800	Rs.305.00	(0155)	244.00
	Coolie	per cay	0.880	Rs.265.00	(0115)	233.20
	Bhishti	per day	0.990	Rs.277.00	(0101)	274.23
	Scaffolding and sundries	1 time	12.610	Rs.1.80	(9999)	22.70
	Add for water charges @ 1%					12.10
	Total					1222.20 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					171.72
	Total					1393.92 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					209.09
	Cost of 10 sqm					1603.01
	Cost of 1 sqm					160.30
	Add labour cess @ 1%					1.60
	Rate including labour cess					161.90
			Say	**Rs.161.90**	**per sqm**	
13.12.3	**1:5 (1 cement : 5 coarse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.172	Rs.2151.54	(2114)	370.07
	Labour:					
	Mason	per day	0.800	Rs.305.00	(0155)	244.00
	Coolie	per day	0.880	Rs.265.00	(0115)	233.20
	Bhishti	per day	0.990	Rs.277.00	(0101)	274.23
	Scaffolding arid sundries	LS	12.610	Rs.1.80	(9999)	22.70
	Add for water charges @ 1%					11.44
	Total					1155.64 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					162.37
	Total					1318.00 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					197.70
	CostoMOsqm					1515.70
	Cost of 1 sqm .					151.57
	Add labour cess @ 1%					1.52
	Rate including labour cess					153.09
			Say	**Rs.153.10**	**per sqm**	
13.12.4	**1:6 (1 cement: 6 coarse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.172	Rs.1823.10	(2115)	313.57
	Labour:					
	Mason	per day	0.800	Rs.305.00	(0155)	244.00
	Coolie	per day	0.880	Rs.265.00	(0115)	233.20
	Bhishti	per day	0.990	Rs.277.00	(0101)	274.23
	Scaffolding and sundries	LS	12.610	Rs.1.80	(9999)	22.70
	Add for water charges @ 1 %					10.88
	Total					1098.58 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					154.35
	Total					1252.93 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add for contractor's profit and overheads @ 15% on "Y"					187.94	
	Cost of 10 sqm					1440.87	
	Cost of 1 sqm					144.09	
	Add labour cess @ 1%					1.44	
	Rate including labour cess					145.53	
			Say	**Rs.145.50**	**per sqm**		
13.13	**20 mm cement plaster of mix :**						
13.13.1	1:3 (1 cement: 3 coarse sand)						
	Details of cost for 10 sqm						
	Materials:						
	Cement mortar	cum	0.224	Rs.3246.34	(2112)	727.18	
	Labour:						
	Mason	per day	0.940	Rs.305.00	(0155)	286.70	
	Coolie	per day	1.020	Rs.265.00	(0115)	270.30	
	Bhishti	per day	1.100	Rs.277.00	(0101)	304.70	
	Scaffoliding and sundries	LS	12.610	Rs.1.80	'(9999)	22.70	
	Add for water charges @ 1 %					16.12	
	Total					1627.69	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					228.69	
	Total					1856.39	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					278.46	
	Cost of 10 sqm					2134.84	
	Cost or 1 sqm					213.48	
	Add labour cess @ 1%					2.13	
	Rate including labour cess					215.61	
			Say	**Rs.215.60**	**per sqm**		
13.13.2	**1: 4(1 cement: 4 coarse sand)**						
	Dettails of cost for 10 sqm						
	Materials:						
	Cement mortar	cum	0.224	Rs.2534.72	(2113)	567.78	
	Labour:						
	Mason	per day	0.940	Rs.305.00	(0155)	286.70	
	Coolie	per day	1.020	Rs.265.00	(0115)	270.30	
	Bhishti	per day	1.100	Rs.277.00	(0101)	304.70	
	Scaffolding	1 time	12.610	Rs.1.80	'(9999)	22.70	
						1452.18	
	Add for water charges @ 1 %					14.52	
	Total					1466.70	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					206.07	
	Total					1672.77	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					250.92	
	Cost of 10 sqm					1923.68	
	Cost of 1 sqm					192.37	
	Add labour cess @ 1%					1.92	
	Rate including labour cess					194.29	
			Say	**Rs.194.30**	**per sqm**		
13.13.3	**1:5(1 cement: 5 coarse sand)**						
	Details of cost for 10 sqm						
	Materials:						
	Cement mortar	cum	0.224	Rs.2151.54	(2114)	481.95	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Labour:					
	Mason	per day	0.940	Rs.305.00	(0155),	286.70
	Coolie	per day	1.020	Rs.265.00	(0115)	270.30
	Bhishti	per day	1.100	Rs.277.00	(0101)'	304.70
	Scaffolding and sundries	LS	12.610	Rs.1.80	(9999)	22.70
	Add for water charges @ 1 %					13.66
	Total					1380.01 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					193.89
	Total					1573.90 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					236.08
	Cost of 10 sqm					1809.98
	Cost of 1 sqm					181.00
	Add labour cess @ 1%					1.81
	Rate including labour cess					182.81
			Say	**Rs.182.80**	**per sqm**	
13.13.4	**1:6 (1 cement: 6 coarse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.224	Rs.1823.10	(2115)	408.37
	Labour:					
	Mason	per day	0.940	Rs.305.00	(0155)	286.70
	Coolie	per day	1.020	Rs.265.00	(0115)	270.30
	Bhishti	per day	1.100	Rs.277.00	(0101)	304.70
	Scaffolding and sundries	LS	12.610	Rs.1.80	(9999)	22.70
	Add for water charges @ 1%					12.93
	Total					1305.70 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					183.45
	Total					1489.15 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					223.37
	Cost of 10 sqm					1712.52
	Cost of 1 sqm					171.25
	Add labour cess @ 1%					1.71
	Rate including labour cess					172.96
			Say	**Rs.173.00**	**per sqm**	
	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT					
13.17	**12 mm cement plaster 1:3(1 cement: 3 coarse sand) finished with a floating coat of near cement Details of cost for 10 sqm**					
13.17.1	Materials:					
	Cement mortar	cum	0.144	Rs.3246.34	(2112)	467.47
	Labour:					
	Mason	per day	0.670	Rs.305.00	(0155).	204.35
	Coolie	per day	0.750	Rs.265.00	(0115)	198.75
	Bhishti	per day	0.920	Rs.277.00	(0101)	254.84
	Scafflolding and sundries	LS	12.610	Rs.1.80	(9999)	22.70
	Cement	tonne	0.020	Rs.5474.00	(0367)	109.48
	Carriage of cement	tonne	0.020		(2209)	0.00
	Mason	per day	0.270	Rs.305.00	(0155)	82.35
	Coolie	per day	0.270	Rs.265.00	(0115)	71.55
	Scafflolding and sundries	LS	8.060	Rs.1.80	(9999)	14.51
	Add for water charges @ 1%					14.26

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					1440.26 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					202.36
	Total					1642.62 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					246.39
	Cost of 10 sqm					1889.01
	Cost of 1 sqm					188.90
	Add labour cess @ 1%					1.89
	Rate including labour cess					190.79
			Say	**Rs.190.80**	**per sqm**	
13.17.2	**12 mm cement plaster 1:4(1 cement: 4coarse sand) finished with a floating coat of near cement Details of cost for 10 sqm**					
	Materials:					
	Cement mortar	cum	0.144	Rs.2534.72	(2113)	365.00
	Labour:					
	Mason	per day	0.670	Rs.305.00	(0155).	204.35
	Coolie	per day	0.750	Rs.265.00	(0115)	198.75
	Bhishti	per day	0.920	Rs.277.00	(0101)	254.84
	Scafflolding and sundries	LS	12.610	Rs.1.80	(9999)	22.70
	Cement	tonne	0.020	Rs.5474.00	(0367)	109.48
	Carriage of cement	tonne	0.020	Rs.0.00	(2209)	0.00
	Mason	per day	0.270	Rs.305.00	(0155)	82.35
	Coolie	per day	0.270	Rs.265.00	(0115)	71.55
	Scafflolding and sundries	LS	8.060	Rs.1.80	(9999)	14.51
	Add for water charges @ 1%					13.24
	Total					1336.76 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					187.81
	Total					1524.58 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					228.69
	Cost of 10 sqm					1753.26
	Cost of 1 sqm					175.33
	Add labour cess @ 1%					1.75
	Rate including labour cess					177.08
			Say	**Rs.177.10**	**per sqm**	
13.18	**15 mm cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half brick wall. Details of cost for 10 sqm**					
	Materials:					
	Cement mortar	cum	0.172	Rs.3246.34	(2112)	558.37
	Labour:					
	Mason	per day	0.800	Rs.305.00	(0155)	244.00
	Coolie	per day	0.880	Rs.265.00	(0115)	233.20
	Bhishti	per day	0.990	Rs.277.00	(0101)	274.23
	Scaffolding and sundries	LS	12.610	Rs.1.80	(9999)	22.70
	Cement	tonne	0.020	Rs.5474.00	(0367)	109.48
	Carriage of cement	tonne	0.020	Rs.0.00	(2209)	0.00
	Mason	per day	0.270	Rs.305.00	(0155)	82.35

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Coolie	per day	0.270	Rs.265.00	(0115)	71.55	
	Scaffolding and sundries	LS	8.060	Rs.1.80	(9999)	14.51	
	Add for water charges @ 1%					16.10	
	Total					1626.49	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					228.52	
	Total					1855.01	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					278.25	
	Cost of 10 sqm					2133.26	
	Cost of 1 sqm					213.33	
	Add labour cess @ 1%					2.13	
	Rate including labour cess					215.46	
			Say	**Rs.215.50**	**per sqm**		
13.19	**18 mm cement plaster in two coat under layer 12 mm thick cement piaster 1:5 (1 cement: 5 course sand) and a top layer 6mm thick cement plaster 1:6(1 cement 3 corse sand)finished rough with sponge**						
	.Details of cost for 10 sqm						
	Materials:						
	Under layer cement mortar 1:5	cum	0.144	Rs.2151.54	(2114)	309.82	
	Top layer cement mortar 1:6	cum	0.072	Rs.1823.10	(2115)	131.26	
	Labour:						
	Mason	per day	1.210	Rs.305.00	(0155)	369.05	
	Coolie	per day	1.290	Rs.265.00	(0115)	341.85	
	Bhishti	per day	1.050	Rs.277.00	(0101)	290.85	
	Scaffolding and sundries	LS	12.610	Rs.1.80	(9999)	22.70	
	Add for water charges @ 1%					14.66	
	Total					1480.19	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					207.97	
	Total					1688.16	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					253.22	
	Cost of 10 sqm					1941.38	
	Cost of 1 sqm					194.14	
	Add labour cess @ 1%					1.94	
	Rate including labour cess					196.08	
			Say	**Rs.196.10**	**per sqm**		
13.20	**18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement :5 coarse sand) and top layer 6 mm thick cemtn plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge.**						
	Details of cost for 10 sqm						
	Materials:						
	Under layer cement mortar 1:5	cum	0.144	Rs.2151.54	(2114)	309.82	
	Top layer cement mortar 1:3	cum	0.072	Rs.3246.34	(2112)	233.74	
	Labour:						
	Mason	per day	1.210	Rs.305.00	(0155)	369.05	
	Coolie	per day	1.290	Rs.265.00	(0115)	341.85	
	Bhishti	per day	1.050	Rs.277.00	(0101)	290.85	
	Scaffolding and sundries	1 time	4.850	Rs.1.80	(9999)	8.73	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for water charges @ 1 %					15.54
	Total					1569.58 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					220.53
	Total					1790.10 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					268.52
	Cost of 10sqm					2058.62
	Cost of 1 som					205.86
	Add labour cess @ 1%					2.06
	Rate including labour cess					207.92
			Say	**Rs.207.90**	**per sqm**	
13.24	**6 mm cement plaster to ceiling of mix :**					
13.24.1	**1:3(1 cement: 3 corse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.072	Rs.3246.34	(2112)	233.74
	Labour:					
	Mason	per day	0.510	Rs.305.00	(0155)	155.55
	Coolie	per day	0.750	Rs.265.00	(0115)	198.75
	Bhishti	per day	0.920	Rs.277.00	(0101)	254.84
	Extra for removing burrs, cleaning with wire brushes, pock making with pointed too! etc. complete.	1 time	12.610	Rs.1.80	(9999)	22.70
	Scaffolding and sundries	1 time	8.060	Rs.1.80	(9999)	14.51
	Add for water charges @ 1%					8.80
	Total					888.88 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					124.89
	Total					1013.77 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					152.07
	Cost of 10 sqm					1165.84
	Cost of 1 sqm					116.58
	Add labour cess @ 1%					1.17
	Rate including labour cess					117.75
			Say	**Rs.117.80**	**per sqm**	
13.24.2	**1:4(1 cement: 4 corse sand)**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.072	Rs.2534.72	(2113)	182.50
	Labour:					
	Mason	per day	0.510	Rs.305.00	(0155)	155.55
	Coolie	per day	0.750	Rs.265.00	(0115)	198.75
	Bhishti	per day	0.920	Rs.277.00	(0101)	254.84
	Extra for removing burrs, cleaning with wire brushes, pock making with pointed tool etc. complete.	LS	12.610	Rs.1.80	(9999)	22.70
	Scaffolding and sundries	LS	8.060	Rs.1.80	(9999)	14.51
	Add for water charges @ 1%					8.29
	Total					837.13 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					117.62
	Total					954.75 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					143.21
	Cost of 10 sqm					1097.96
	Cost of 1 sqm					109.80
	Add labour cess @ 1%					1.10
	Rate including labour cess					110.90
			Say	**Rs.110.90**	**per sqm**	
13.26	**Neat cement punning**					
	Details of cost for 10 sqm					
	Labour:					
	Cement	tonne	0.022	Rs.5474.00	(0367)	120.43
	Carriage of cement	tonne	0.022	Rs.0.00	(2209)	0.00
	Mason	per day	0.270	Rs.305.00	(0155)	82.35
	Coolie	per day	0.270	Rs.265.00	(0115)	71.55
	Scaffolding and sundries	LS	8.060	Rs.1.80	(9999)	14.51
	Add for water charges @ 1 %					2.89
	Total					291.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					40.99
	Total					332.71 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					49.91
	Cost of 10 sqm					382.62
	Cost of 1 sqm					38.26
	Add labour cess @ 1%					0.38
	Rate including labour cess					38.64
			Say	**Rs.38.60**	**per sqm**	
13.30	**Rough cast plaster upto 10m night above ground level with a mixture of sand and gravel or crushed stone from 6 mm to 10 mm nominal size dashed over and including the fresh piaster in two layers, under layer 12 mm cement plaster 1:4(1 cement :4 coarse sand) and top layer 10 mm cement plaster 1:3 (1 cement :3 course sand) .mixed with 10% finely grounded hydrated lime by volume of cement:**					
13.30.1	**Finish using ordinary cement**					
	Details of cost for 10 sqm					
	Materials:					
	Under layer 12 mm cement plaster 1:4(1 cement: 4 coarse sand)					
	Cement mortar	cum	0.144	2534.72	(2113)	365.00
	Labour:					
	Mason	per day	0.670	305.00	(0155)	204.35
	Beldar	per day	0.750	254.00	(0114)	190.50
	Bhishti	per day	0.920	277.00	(0101)	254.84
	Scaffolding and sundries	LS	9.880	1.80	(9999)	17.78
	Top layer 10 mm thick cement plaster					
	Cement mortar 1:3 (1 cement :3 corse sand)	cum	0.120	3246.34	(2112)	389.56
	Mason	per day	0.610	305.00	(0155)	186.05
	Beldar	per day	0.690	254.00	(0114)	175.26
	Bhishti	per day	0.850	277.00	(0101)	235.45
	Scaffolding and sundries	LS	9.880	1.80	(9999)	17.78

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Sand and gravel or crushed stone 6 mm to 10 mm size	cum	0.100	837.65	(1179)	83.77
	Bhishti	per day	0.010	277.00	(0101)	2.77
	Grounded hydrated lime (factory made)	quintal	0.090	930.72	(0777)	83.77
	Carriage of lime	LS	3.640	1.80	(9999)	6.55
	Mason	per day	0.500	305.00	(0155)	152.50
	Beldar	per day	0.500	254.00	(0114)	127.00
	Bhishti	per day	0.100	277.00	(0101)	27.70
	Scaffolding and sundries	LS	9.880	1.80	(9999)	17.78
	Labour for scooping					
	Mason 1st class	per day	0.250	342.00	(0123)	85.50
	Beldar	per day	0.250	254.00	(0114)	63.50
	Add for water charges @ 1%					26.87
	Total					2714.29 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					381.36
	Total					3095.65 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					464.35
	Cost of 10 sqm					3559.99
	Cost of 1 sqm					356.00
	Add labour cess @ 1%					3.56
	Rate including labour cess					359.56
			Say	**Rs.359.60**	**per sqm**	
13.31	**Rough cast plaster with a mixture of sand and gravel or crushed sribw from - 2.36 to 12.5 mm. nominal size-dashed over and including the tresh plaster in two layers, under layer 12 mm cement plaster 1:5(1 cement:5 coarse sand) and top layer 10 mm cement plaster 1:3(1 cement;3 corse sand) mixed with 10% fnely grounded hydrated lime by volume of cement:**					
13.31.1	**Ordinary cement finish using ordinary cement**					
	Details of cost for 10 sqm					
	Materials:					
	Under layer 12mm cement palster 1:5 (1 cment : 5 coarse sand)					
	Cement mortar	cum	0.144	2151.54	(2114)	309.82
	Labour:					
	Mason	per day	0.670	305.00	(0155)	204.35
	Beldar	per day	0.750	254.00	(0114)	190.50
	Bhishti	per day	0.920	277.00	(0101)	254.84
	Scaffolding and sundries	1 time	9.880	1.80	(9999)	17.78
	Top layer 10 mm thick cement plaster					
	Cement mortar 1:3(1 cement: 3 corse sand)	cum	0.120	3246.34	(2112)	389.56
	Mason	per day	0.610	305.00	(0155)	186.05
	Beldar	per day	0.690	254.00	(0114)	175.26
	Bhishti	per day	0.850	277.00	(0101)	235.45
	Scaffolding and sundries	1 time	9.880	1.80	(9999)	17.78
	Sand and gravel or crushed stone 2.36 mm to 12.5 mm size	cum	0.100	837.65	(1179)	83.77
	Bhishti	per day	0.010	277.00	(0101)	2.77
	Grounded hydrated lime (factory made)	quintal	0.090	930.72	(0777)	83.77

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Carriage of lime	1 time	3.640	1.80	(S999)	6.55
	Mason	per day	0.500	305.00	(0155)	152.50
	Beldar	per day	0.500	254.00	(0114)	127.00
	.Bhishti	per day	0.100	277.00	(0101)	27.70
	Scaffolding and sundries	1 time	9.880	1.80	(9999)	17.78
	Labour for scooping					
	Mason 1st class	per day	0.250	342.00	(0123)	85.50
	Beidar	per day	0.250	254.00	(0114)	63.50
	Add for water charges @ 1%					26.32
	Total					2658.56 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					373.53
	Total					3032.09 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					454.81
	Cost of 10 sqm					3486.90
	Cost of 1 sqm					348.69
	Add labour cess @ 1%					3.49
	Rate including labour cess					352.18
			Say	**Rs.352.20**	**per sqm**	
13.32	**Pebble dash plaster with a mixture of washed pebble or crushed stone 6 mm to 12.5 mm nominal size dashed over and including fresh plaster in two layers under layer 12 mm cement plaster 1 4(1 cement: 4 coarse sand) and top layer 10 mm cement plaster with cement mortar 1.3(1 cement :3 corse sand) mixed with 10% finely grounded hydrated lime by volume of cement**					
	Details of cost for 10 sqm					
	Materials:					
	Under layer 12 mm cement plaster 1:4 (1 cement :4 coarse sand)					
	Cement mortar	cum	0.144	2534.72	(2113)	365.00
	Labour:					
	Mason	per day	0.670	305.00	(0155)	204.35
	Beldar -	per day	0.750	254.00	(0114)	190.50
	Bhishti	per day	0.920	277.00	(0101)	254.84
	Scaffolding and sundries	LS	9.880	1.80	(9999)	17.78
	Top layer 10 mm thick cement plaster					
	Cement mortar 1:3 (1 cement:3 corse sand)	cum	0.120	3246.34	(2112)	389.56
	Mason	per day	0.610	305.00	(0155)	186.05
	Beldar	per day	0.690	254.00	(0114)	175.26
	Bhishti	per day	0.850	277.00	(0101)	235.45
	Scaffoldinq and sundries	LS	9.880	1.80	(9999)	17.78
	Sand and gravel or crushed stone 2.36 mm to 12.5 mm size	cum	0.100	837.65	(1179)	83.77
	Bhishti	per day	0.010	277.00	(0101)	2.77
	Grounded hydrated lime(factory made)	quintal	0.090	930.72	(0777)	83.77
	Carriage of lime	LS	3.640	1.80	(9999)	6.55
	Mason	per day	0.500	305.00	(0155)	152.50
	Beldar	per day	0.500	254.00	(0114)	127.00
	Bhishti	per day	0.100	277.00	(0101)	27.70
	Scaffolding and sundries	LS	9.880	1.80	(9999)	17.78
	Scaffolding and sundries	LS	4.420	1.80	(9999)	7.96

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Add for water charges @ 1%					25.46	
	Total					2571.84	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					361.34	
	Total					2933.18	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					439.98	
	Cost of 10 sqm					3373.15	
	Cost of 1 sqm					337.32	
	Add labour cess @ 1%					3.37	
	Rate including labour cess					340.69	
			Say	**Rs.340.70**	**per sqm**		
13.36	**Extra for providing and mixing water proofing material in proportion recommended by the manufacturers:**						
13.36.1	**12 mm cement plaster 1:3(1 cement :3 sand)**						
	Details of cost for 10 sqm						
	Cement required for 10 sqm =73.89 kg.						
	Water proffing material required @ 1 kg. per 50 kg. of cement=1.48 kg.						
	Water proofing material	kilogram	1.480	32.58	(1213)	48.21	
	Sundries	LS	7.150	1.80	(9999)	12.87	
	Add for water charges @ 1 %					0.61	
	Total					61.69	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					8.67	
	Total					70.36	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					10.55	
	Cost of 10 sqm					80.91	
	Cost of 1 sqm					8.09	
	Add labour cess @ 1%					0.08	
	Rate including labour cess					8.17	
			Say	**Rs.8.20**	**per sqm**		
13.36.2	**12 mm cement plaster 1:4(1 cement :4 sand)**						
	Details of cost for 10 sqm						
	Cement required for 10 sqm =55.27 kg.						
	Water proofing materials required @ 1 kg. per 50 kg. of cement=1.11 kg.						
	Water proofing materials	kilogram	1.110	32.58	(1213)	36.16	
	Sundries	1 time	7.150	1.80	(9999)	12.87	
	Add for water charges @ 1 %					0.49	
	Total					49.52	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					6.96	
	Total					56.48	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					8.47	
	Cost of 10 sqm					64.95	
	Cost of 1 sqm					6.49	
	Add labour cess @ 1%					0.06	
	Rate including labour cess					6.55	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
			Say	**Rs.6.60**	**per sqm**	
13.36.3	**15 mm cement plaster 1:3(1 cement :3 sand)**					
	Details of cost for 10 sqm					
	Cement required for 10 sqm=88.39 kg					
	Waterproofing material required @ 1 kg. per 50 kg. of cement=1.77 kg.					
	Water profiing materials	kilogram	1.770	32.58	(1213)	57.66
	Sundries	LS	7.150	1.80	(9999)	12.87
	Add for water charges @ 1%					0.71
	Total					71.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					10.01
	Total					81.24 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					12.19
	Cost of 10 sqm					93.43
	Cost of 1 sqm					9.34
	Add labour cess @ 1%					0.09
	Rate including labour cess					9.43
			Say	**Rs.9.40**	**per sqm**	
13.36.4	**15 mm cement plaster 1:4(1 cement :4 sand)**					
	Details of cost for 10 sqm					
	Cement required for 10 sqm =66.04 kg.					
	Water proofing material required @ 1 kg per 50 kg ofcement=1.32 kg.					
	Waterproofing material	kilogram	1.320	32.58	(1213)	43.00
	Sundries	1 time	7.150	1.80	(9999)	12.87
	Add for water charges @ 1 %					0.56
	Total					56.43 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					7.93
	Total					64.36 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					9.65
	Cost of 10 sqm					74.01
	Cost of 1 sqm					7.40
	Add labour cess @ 1%					0.07
	Rate including labour cess					7.47
			Say	**Rs.7.50**	**per sqm**	
13.36.5	**20 mm cement plaster 1:3(1 cement:3 sand)**					
	Oetails of cost for 10 sqm					
	Cement required for 10 sqm=114.92 kg					
	Water proofing material required @ 1kg. Per 50 kg. of cement=2.30 kg.					
	Water proofing material	kilogram	2.300	32.58	(1213)	74.92
	Sundries	1 time	7.150	1.80	(9999)	12.87
	Add for water charges @ 1 %					0.88
	Total					88.67 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					12.46
	Total					101.13 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					15.17
	Cost of 10 sqm					116.30
	Cost of 1 sqm					11.63
	Add labour cess @ 1%					0.12
	Rate including labour cess					11.75
			Say	**Rs.11.70**	**per sqm**	
13.36.6	**20 mm cement plaster 1:4(1 cement: 4 sand)**					
	Details of cost for 10 sqm					
	Cement required for 10 sqm=86.00 kg.					
	Waterproofing material required @ 1 kg. per 50 kg. of cement=1.72 kg.					
	Water proofing material	kilogram	1.720	32.58	(1213)	56.03
	Sundries	1 time	7.150	1.80	(9999)	12.87
	Add for water charges @ 1 %					0.69
	Total					69.59 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					9.78
	Total					79.37 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					11.90
	Cost of 10 sqm . .					91.27
	Cost of 1 sqm					9.13
	Add labour cess @ 1%					0.09
	Rate including labour cess					9.22
			Say	**Rs.9.20**	**per sqm**	
13.37	**Extra for plastering .exterior walls of height more than 10 m form ground level for every additional height of 3 m or part there of**					
	Details of cost for 10 sqm					
	Scaffolding anb sundires	LS	53.820	1.80	(9999)	96.88
	Labour: Mason	per day	0.200	305.00	(0155)	61.00
	Coolie	per day	0.300	265.00	(0115)	79.50
	Bhishti	per day	0.100	277.00	(0101)	27.70
	Sundries	LS	7.150	1.80	(9999)	12.87
	Add tor waier charges @ 1 %					2.78
	Total					280.73 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					39.44
	Total					320.17 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					48.03
	Cost of 10 sqm					368.19
	Cost of 1 sqm					36.82
	Add labour cess @ 1%					0.37
	Rate including labour cess					37.19
			Say	**Rs.37.20**	**per sqm**	
13.38	**Extra for plastering on circular work not exceeding 6 m in radius :**					
13.38.1	In one coat					
	Details of cost for 10 sqm					
	Labour:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Mason	per day	0.200	305.00	(0155)	61.00
	Beldar	per day	0.200	254.00	(0114)	50.80
	Sundries	LS	7.150	1.80	(9999)	12.87
	Add for water charges @ 1 %					1.25
	Total					125.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					17.69
	Total					143.61 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					21.54
	Cost of 10 sqm					165.15
	Cost of 1 sqm					16.51
	Add labour cess @ 1%					0.17
	Rate including labour cess					16.68
			Say	**Rs.16.70**	**per sqm**	
13.38.2	**In two coats**					
	Details of cost for 10 sqm					
	Mason	pe. day	0.300	305.00	(0155)	91.50
	Beldar	per day	0.300	254.00	(0114)	76.20
	Sundries	LS	7.150	1.80	(9999)	12.87
	Add for water charges @ 1 %					1.81
	Total					182.38 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					25.62
	Total					208.00 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					31.20
	Cost of 10 sqm					239.20
	Cost of 1 sqm					23.92
	Add labour cess @ 1%					0.24
	Rate including labour cess					24.16
			Say	**Rs.24.20**	**per sqm**	
13.39	**Extra for plastering done on moulding cornices or architraves including neat finish to line and level:**					
13.39.1	In one coat					
	Details of cost for 10 sqm					
	Labour:					
	Mason	per day	3.000	305.00	(0155)	915.00
	Beldar	per day	2.000	254.00	(0114)	508.00
	coolie	per day	1.000	265.00	(0115)	265.00
	Bhishti	per day	0.250	277.00	(0101)	69.25
	Sundries	LS	13.390	1.80	(9999)	24.10
	Add for water charges @ 1 %					17.81
	Total					1799.17 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					252.78
	Total					2051.95 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					307.79
	Cost of 10 sqm					2359.74
	Cost of 1 sqm					235.97
	Add labour cess @ 1%					2.36
	Rate including labour cess					238.33
			Say	**Rs.238.30**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
13.39.2	**In two coats**					
	Details of cost for 10 sqm					
	Labour					
	Mason	per day	5.000	305.00	(0155)	1525.00
	Beldar	per day	3.000	254.00	(0114)	762.00
	Coolie	per day	2.000	265.00	(0115)	530.00
	Bhishti	per day	0.330	277.00	(0101)	91.41
	Sundries	LS	13.390	1.80	(9999)	24.10
	Add for water charges @ 1 %					29.33
	Total					2961.84 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					416.14
	Total					3377.98 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					506.70
	Cost of 10 sqm					3884.67
	Cost of 1 sqm					388.47
	Add labour cess @ 1%					3.88
	Rate including labour cess					392.35
			Say	**Rs.392.30**	**per sqm**	
13.40	**Extra for plastering:**					
13.40.1	**Spherical ceiling**					
	.Details of cost for 10 sqm					
	Labour:					
	Mason	per day	0.750	305.00	(0155)	228.75
	Beldar	per day	0.740	254.00	(0114)	187.96
	Sundries	LS	26.910	1.80	(9999)	48.44
	Add for water charges @ 1 %					4.65
	Total					469.80 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					66.01
	Total					535.81 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					80.37
	Cost of 10 sqm					616.18
	Cost of 1 sqm					61.62
	Add labour cess @ 1%					0.62
	Rate including labour cess					62.24
			Say	**Rs.62.20**	**per sqm**	
13.40.2	**Groined ceiling**					
	Details of cost for 10 sqm					
	Labour:					
	Mason	per day	0.800	305.00	(0155)	244.00
	Beldar	per day	0.800	254.00	(0114)	203.20
	Sundries	LS	34.060	1.80	(9999)	61.31
	Add for water charges @ 1 %					5.09
	Total					513.59 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					72.16
	Total					585.75 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					87.86
	Cost of 10 sqm					673.62

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 sqm					67.36
	Add labour cess @ 1%					0.67
	Rate including labour cess					68.03
			Say	**Rs.68.00**	**per sqm**	
13.40.3	**Flewing soffits** :					
	Details of cost for 10 sqm					
	Labour:					
	Mason	per day	0.500	305.00	(0155)	152.50
	Beldar	per day	0.500	254.00	(0114)	127.00
	Sundries	LS	13.390	1.80	(9999)	24.10
	Add for water charges @ 1 %					3.04
	Total					306.64 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					43.08
	Total					349.72 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					52.46
	CostoflOsqm					402.18
	Cost of 1 sqm					40.22
	Add labour cess @ 1%					0.40
	Rate including labour cess					40.62
			Say	**Rs.40.60**	**per sqm**	
13.40A	**Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.**					
	Details of cost per 10 sqm					
	Materials:					
	Plaster of paris 10x0.002x1121 =22.42 kg.					
	Add 20% wastage =0.45 kg					
	= 22.87 kg.					
	Say 23 kg.	kilogram	23.000	3.72	(0869)	85.63
	Carriage of plaster of paris	LS	3.900	1.80	(9999)	7.02
	Labour:					
	Mason special	per day	0.910	342.00	(0122)	311.22
	Beldar	per day	0.910	254.00	(0114)	231.14
	Sundries & scaffolding	LS	83.980	1.80	(9999)	151.16
	Add for water charges @ 1%					7.86
	Total					794.03 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					111.56
	Total					905.59 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					135.84
	CostoflOsqm					1041.43
	Cost of 1 sqm					104.14
	Add labour cess @ 1%					1.04
	Rate including labour cess					105.18
			Say	**Rs.105.20**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
13.45	**Finishing walls with textured exterior paint of required shade :**					
13.45.1	**New work (Two or more coats applied @ 3.28 ltr/ 10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm**					
	Details of cost for 10 sqm					
	MATERIAL:					
	Textured exterior paint	litre	3.280	198.05	**(8507)**	649.62
	Exterior primer	kilogram	2.200	48.40	**(0809)**	106.47
	Carriage of material	L.S.	1.560	1.80	**(9999)**	2.81
	LABOUR:					
	Painter	day	0.600	323.00	**(0131)**	193.80
	Coolie	day	0.300	265.00	**(0115)**	79.50
	Bhisti	day	0.050	277.00	**(0101)**	13.85
	Brushes, sand paper etc.	L.S.	7.020	1.80	**(9999)**	12.64
	Sundries	L.S.	8.060	1.80	**(9999)**	14.51
	TOTAL					1073.19
	Add for water charges @ 1%					10.73
	Total					1083.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					152.29
	Total					1236.22 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					185.43
	Costof l0 sqm					1421.65
	Cost of 1 sqm					142.16
	Add labour cess @ 1%					1.42
	Rate including labour cess					143.58
			Say	**Rs.143.60**	**per sqm**	
13.46	**Finishing walls with Acrylic Smooth exterior paint of required shade :**					
13.46.1	**New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)**					
	Details of cost for 10 sqm					
Code						
8505	**Acrylic exterior paint**	litre	**1.670**	Rs.146.39	**(8505)**	244.47
809	**Exterior primer**	kilogram	**2.200**	Rs.48.40	**(0809)**	106.47
9999	**Carriage of material**	L.S.	**1.560**	Rs.1.80	**(9999)**	2.81
	LABOUR:					
131	**Painter**	day	**0.600**	Rs.323.00	**(0131)**	193.80
115	**Coolie**	day	**0.300**	Rs.265.00	**(0115)**	79.50
101	**Bhisti**	day	**0.050**	Rs.277.00	**(0101)**	13.85
9999	**Brushes, sand paper etc.**	L.S.	**7.150**	Rs.1.80	**(9999)**	12.87
9999	**Sundries**	L.S.	**8.060**	Rs.1.80	**(9999)**	14.51
	TOTAL					668.28
	Add for water charges @ 1%					6.68
	Total					674.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					94.83
	Total					769.79 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					115.47
	Costof l0 sqm					885.26
	Cost of 1 sqm					88.53
	Add labour cess @ 1%					0.89
	Rate including labour cess					89.42
			Say	**Rs.89.40**	**per sqm**	
13.46A	**Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade :**					
13.46A.1	**New work (Two or more coat applied @ 1.43 ltr/ 10 sqm over and including priming**					
	Details of cost for 10 sqm					
	Acrylic exterior paint	litre	**1.430**	Rs.174.80	**(8506)**	249.97
	Exterior primer	kilogram	**2.200**	Rs.48.40	**(0809)**	106.47
	Carriage of material	L.S.	**1.560**	Rs.1.80	**(9999)**	2.81
	LABOUR:					
	Painter	day	**0.600**	Rs.323.00	**(0131)**	193.80
	Coolie	day	**0.300**	Rs.265.00	**(0115)**	79.50
	Bhisti	day	**0.050**	Rs.277.00	**(0101)**	13.85
	Brushes, sand paper etc.	L.S.	**7.150**	Rs.1.80	**(9999)**	12.87
	Sundries	L.S.	**8.060**	Rs.1.80	**(9999)**	14.51
	TOTAL					673.78
	Add for water charges @ 1%					6.74
	Total					680.52 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					95.61
	Total					776.13 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					116.42
	Costof l0 sqm					892.55
	Cost of 1 sqm					89.26
	Add labour cess @ 1%					0.89
	Rate including labour cess					90.15
			Say	**Rs.90.10**	**per sqm**	
13.48	**Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications.**					
13.48.1	**Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm.**					
	Details of cost for 10 sqm.					
	MATERIAL:					
	Multi surface paint	litre	**1.250**	Rs.219.58	**8504**	274.48
	Special Primer (C.W.)	litre	**0.750**	Rs.130.30	**8509**	97.73
	Carriage of material	L.S.	**1.560**	Rs.1.80	**9999**	2.81
	LABOUR:					
	Painter	day	**0.600**	Rs.323.00	**131**	193.80

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Coolie	day	**0.300**	Rs.265.00	**115**	79.50
	Bhisti	day	**0.050**	Rs.277.00	**101**	13.85
	Brushes, sand paper etc.	L.S.	**7.020**	Rs.1.80	**9999**	12.64
	Sundries	L.S.	**8.060**	Rs.1.80	**9999**	14.51
	TOTAL					689.30
	Add Water Charges @ 1%					6.89
	Total					696.20 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					97.82
	Total					794.01 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					119.10
	Cost of 10 sqm					913.12
	Cost of 1 sqm					91.31
	Add labour cess @ 1%					0.91
	Rate including labour cess					92.22
			Say	**Rs.92.20**	**per sqm**	

13.48.2 Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.75 ltr/ 10 sqm of approved brand and manufacture.

Details of cost for 10 sqm.					
MATERIAL:					
Multi surface paint	litre	**0.900**	Rs.219.58	**8504**	197.62
Special Primer (C.W.)	litre	**0.750**	Rs.130.30	**8509**	97.73
Carriage of material	L.S.	**1.560**	Rs.1.80	**9999**	2.81
LABOUR:					
Painter	day	**0.600**	Rs.323.00	**131**	193.80
Coolie	day	**0.300**	Rs.265.00	**115**	79.50
Bhisti	day	**0.050**	Rs.277.00	**101**	13.85
Brushes, sand paper etc.	L.S.	**7.020**	Rs.1.80	**9999**	12.64
Sundries	L.S.	**8.060**	Rs.1.80	**9999**	14.51
TOTAL					612.45
Add Water Charges @ 1%					6.12
Total					618.58 (X)
Add GST 12% on "X" (multiplying factor 0.1405)					86.91
Total					705.49 (Y)
Add for contractor's profit and overheads @ 15% on "Y"					105.82
Cost of 10 sqm					811.31
Cost of 1 sqm					81.13
Add labour cess @ 1%					0.81
Rate including labour cess					81.94
		Say	**Rs.81.90**	**per sqm**	

13.48.3 Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture.

Details of cost for 10 sqm.					
MATERIAL:					
Multi surface paint	litre	**0.900**	Rs.219.58	**8504**	197.62
Metal Primer (U.G.)	litre	**0.800**	Rs.83.77	**8510**	67.01
Carriage of material	L.S.	**1.560**	Rs.1.80	**9999**	2.81
LABOUR:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Painter	day	**0.600**	Rs.323.00	**131**	193.80	
	Coolie	day	**0.300**	Rs.265.00	**115**	79.50	
	Bhisti	day	**0.050**	Rs.277.00	**101**	13.85	
	Brushes, sand paper etc.	L.S.	**7.020**	Rs.1.80	**9999**	12.64	
	Sundries	L.S.	**8.060**	Rs.1.80	**9999**	14.51	
	TOTAL					581.74	
	Add Water Charges @ 1%					5.82	
	Total					587.55	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					82.55	
	Total					670.11	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					100.52	
	Cost of 10 sqm					770.62	
	Cost of 1 sqm					77.06	
	Add labour cess @ 1%					0.77	
	Rate including labour cess					77.83	
			Say	**Rs.77.80**	**per sqm**		
13.48.4	**Extra for lining out plaster to imitate stone or concrete blocks walling**						
	Details of cost for 10 sqm						
	Labour:						
	Mason	per day	0.500	Rs.305.00	(0155)	152.50	
	Beldar	per day	0.500	Rs.254.00	(0114)	127.00	
	Solution of lime putty	LS	1.820	Rs.1.80	(9999)	3.28	
	Add for water charges @ 1 %					2.83	
	Total					285.60	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					40.13	
	Total					325.73	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					48.86	
	Cost of 10sqm					374.59	
	Cost of 1 sqm					37.46	
	Add labour cess @ 1%					0.37	
	Rate including labour cess					37.83	
			Say	**Rs.37.80**	**per sqm**		
13.50	**12 mm thick plain cement mortar bands in cement mortar 1:4(1 cement: 4 corse sand):**						
13.50.1	Flush Band						
	Details of cost for 10 metre long and cm wide band						
	Materials:						
	Cement mortar 1:4	cum	0.014	Rs.2534.72	(2113)	35.49	
	Labour						
	Mason	per day	0.270	Rs.305.00	(0155)	82.35	
	Bhishti	per day	0.050	Rs.277.00	(0101)	13.85	
	Coolie	per day	0.270	Rs.265.00	(0115)	71.55	
	Sundries	LS	1.430	Rs.1.80	(.9999)	2.57	
	Add for water charges © 1 %					2.06	
	Total					207.87	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					29.21	
	Total					237.07	(Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and over-heads @ 15% on "Y"					35.56
	Cost of 100 10mx 10cm					272.63
	Cost of 1 1m long & 1cm wide					2.73
	Add labour cess @ 1%					0.03
	Rate including labour cess					2.76
			Say	**Rs.2.80**	**per 1m long & 1cm wide**	
13.50.2	**Sunk Band**					
	Details of cost for 10 metre long and 10 cm wide band					
	Materials:					
	Cement mortar 1:4	cum	0.014	Rs.2534.72	(2113)	35.49
	Labour:					
	Mason	per day	0.300	Rs.305.00	(0155)	91.50
	Bhishti	per day .	0.300	Rs.277.00	(0101)	83.10
	Coolie	per day	0.050	Rs.265.00	(0115)	13.25
	Sundries	LS	2.080	Rs.1.80	(9999)	3.74
	Add for water charges @ 1 %					2.27
	Total					229.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					32.22
	Total					261.57 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					39.24
	Cost of 100 10mx10cm					300.81
	Cost of 1 1 m long & 1 cm wide					3.01
	Add labour cess @ 1%					0.03
	Rate including labour cess					3.04
			Say	**Rs.3.00**	**per 1m long & 1cm wide**	
13.50.3	**Raised Band**					
	Details of cost for 10 metre long and 10 xm wide band					
	Materials:					
	Cement mortar 1:4	cum	0.014	Rs.2534.72	(2113)	35.49
	Labour:					
	Mason	per day	0.350	Rs.305.00	(0155)	106.75
	Coolie	per day	0.350	Rs.265.00	(0115)	92.75
	Bhishti	per day	0.050	Rs.277.00	(0101)	13.85
	Sundries	LS	2.730	Rs.1.80	(9999)	4.91
	Add for water charges @ 1%					2.54
	Total					256.29 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					36.01
	Total					292.30 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					43.84
	Cost of 100 10mx10cm					336.14
	Cost of 1 1 m long & 1 cm wide					3.36
	Add labour cess @ 1%					0.03
	Rate including labour cess					3.39
			Say	**Rs.3.40**	**per 1m long & 1cm wide**	
13.50.4	**Moulded Band**					
	Details of cost for 10 metre long and 10 cm wide band					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Materials:						
	Cement mortar 1:4	cum	0.014	Rs.2534.72	(2113)	35.49	
	Labour:						
	Mason	per day	0.650	Rs.305.00	(0155)	198.25	
	Coolie	per day	0.650	Rs.265.00	(0115)	172.25	
	Bhishti	per day	0.050	Rs.277.00	(0101)	13.85	
	Sundries	LS	1.560	Rs.1.80	(9999)	2.81	
	Add for water charges @ 1%					4.23	
	Total					426.87	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					59.98	
	Total					486.85	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					73.03	
	Cost of 100 10mx10cm					559.87	
	Cost of 1 1m long & 1 cm wide					5.60	
	Add labour cess @ 1%					0.06	
	Rate including labour cess					5.66	
			Say	**Rs.5.70**	**per 1m long & 1cm wide**		
13.51	**18 mm thick plain cement mortar band in cement mortar 1:4(1 cement :4 corse sand):**						
13.51.1	**Flush Band**						
	Details of cost for 10 metre/10 cm wide						
	Materials:						
	i)Cement mortar(1:4) vide item No. 13.1=10.51	cum	0.020	Rs.2534.72	'(2113)	50.69	
	Labour						
	Mason	per day	0.320	Rs.305.00	(0155)	97.60	
	Bhishti	per day	0.060	Rs.277.00	(0101)	16.62	
	Coolie	per day	0.320	Rs.265.00	(0115)	84.80	
	Sundries	LS	2.080	Rs.1.80	(9999)	3.74	
	Add for water charges @ 1%					2.53	
	Total					255.99	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					35.97	
	Total					291.96	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					43.79	
	Cost of 1 10m/10cm wide					335.75	
	Cost of 1 1 m long & 1cm wide					3.36	
	Add labour cess @ 1%					0.03	
	Rate including labour cess					3.39	
			Say	**Rs.3.40**	**per 1m long & 1cm wide**		
13.51.2	**Sunk Band**						
	Details of cost for 10 metre /10 cm wide						
	Materials:						
	Cement mortar 1:4	cum	0.020	Rs.2534.72	(2113)	50.69	
	Labour:						
	Mason	per day	0.360	Rs.305.00	(0155)	109.80	
	Bhishti	per day	0.060	Rs.277.00	(0101)	16.62	
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40	
	Sundries	LS	2.730	Rs.1.80	(9999)	4.91	
	Add for water charges @ 1%					2.77	
	Total					280.20	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					39.37	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					319.57 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					47.94
	Cost of 1 10m/10cm wide					367.51
	Cost of 1 1 m long & 1 cm wide					3.68
	Add labour cess @ 1%					0.04
	Rate including labour cess					3.72
			Say	**Rs.3.70**	**per 1m long & 1cm wide**	
13.51.3	**Raised Band**					
	Details of cost for 10 metres /10 cm wide					
	Materials:					
	Cement mortar 1:4	cum	0.020	Rs.2534.72	(2113)	50.69
	Labour					
	Mason	per day	0.420	Rs.305.00	(0155)	128.10
	Coolie	per day	0.420	Rs.265.00	(0115)	111.30
	Bhishti	per day	0.060	Rs.277.00	(0101)	16.62
	Sundries	LS	4.420	Rs.1.80	(9999)'	7.96
	Add for water charges @ 1 %					3.15
	Total					317.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					44.65
	Total					362.47 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					54.37
	Cost of 100 10m/10cm wide					416.84
	Cost of 1 1 m long & 1 cm wide					4.17
	Add labour cess @ 1%					0.04
	Rate including labour cess					4.21
			Say	**Rs.4.20**	**per 1m long & 1cm wide**	
13.51.4	**Moulded Band**					
	Details of cost for 10 metre /10 cm wide					
	Materials:					
	Cement mortar 1:4	cum	0.014	Rs.2534.72	(2113)	35.49
	Cement mortar 1:4	cum	0.010	Rs.2534.72	(2113)	25.35
	Labour:					
	Mason	per day	0.860	Rs.305.00	(0155)	262.30
	Coolie	per day	0.860	Rs.265.00	(0115)	227.90
	Bhishti	per day	0.050	Rs.277.00	(0101)	13.85
	Sundries	LS	2.730	Rs.1.80	(9999)	4.91
	Add for water charge @ 1%					5.70
	Total					575.50 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					80.86
	Total					656.35 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					98.45
	Cost of 100 10m/10cm wide					754.81
	Cost of 1 1 m long & 1 cm wide					7.55
	Add labour cess @ 1%					0.08
	Rate including labour cess					7.63
			Say	**Rs.7.60**	**per 1m long & 1cm wide**	
13.52	**18 mm thick moulded cement mortar band in two coats, under layer 12 mm thick with cement mortar 1:5(1 cement:5 coarse sand top layer 6 mm thick with cement mortar 1:4(1 cement :4 corse sand) Details of cost for 10 mtre long and 10 cm wide**					
	Materials:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Cement mortar 1:5(1 cement :5 coarse sand)	cum	0.014	Rs.2151.54	(2114)	30.12	
	Cement mortar 1:4(1 cement : 4 corse snad)	cum	0.010	Rs.2534.72	(2113)	25.35	
	Labour:						
	Mason	per day	0.860	Rs.305.00	(0155)	262.30	
	Coolie	per day	0.860	Rs.265.00	(0115)	227.90	
	Bhishti	per day	0.050	Rs.277.00	(0101)	13.85	
	Sundries	LS	2.730	Rs.1.80	(9999)	4.91	
	Add for water charges @ 1 %					5.64	
	Total					570.08	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					80.10	
	Total					650.17	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					97.53	
	Cost of 100 10mx10cm					747.70	
	Cost of 1 1m long & 1cm wide					7.48	
	Add labour cess @ 1%					0.07	
	Rate including labour cess					7.55	
			Say	**Rs.7.50**	**per 1m long & 1cm wide**		
13.56	**Pointing on brick work with cement mortar 1:3(1 cement:3 corse sand):**						
13.56.1	**Flush pointing**						
	Details of cost for 10 sqm						
	Materials:						
	Cement mortar 1:3	cum	0.030	Rs.3246.34	(2112)	97.39	
	Mason	per day	0.500	Rs.305.00	(0155)	152.50	
	Coolie	per day	0.600	Rs.265.00	(0115)	159.00	
	Bhishti	per day	0.930	Rs.277.00	(0101)	257.61	
	sandries	1 time	7.150	Rs.1.80	(9999)	12.87	
	Scaffolding and racking out joints including sundries	1 time	14.300	Rs.1.80	(9999)	25.74	
	Total					705.11	
	Add for water charges @ 1 %					7.05	
	Total					712.16	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					100.06	
	Total					812.22	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					121.83	
	Cost of 10 sqm					934.05	
	Cost of 1 sqm					93.41	
	Add labour cess @ 1%					0.93	
	Rate including labour cess					94.34	
			Say	**Rs.94.30**	**per sqm**		
13.56.2	**Ruled pointing**						
	Details of cost for 10 sqm						
	Materials:						
	Cement mortar 1:3	cum	0.030	Rs.3246.34	(2112)	97.39	
	Mason	per day	0.530	Rs.305.00	(0155)	161.65	
	Coolie	per day	0.650	Rs.265.00	(0115)	172.25	
	Bhishti	per day	1.000	Rs.277.00	(0101)	277.00	
	sandries	1 time	7.150	Rs.1.80	(9999)	12.87	
	Scaffolding and racking out jointsincluding sundries	1 time	16.120	Rs.1.80	(9999)	29.02	
	Total					750.18	
	Add for water charges @ 1 %					7.50	
	Total					757.68	(X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					106.45
	Total					864.13 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					129.62
	Cost of 10 sqm					993.75
	Cost of 1 sqm					99.38
	Add labour cess @ 1%					0.99
	Rate including labour cess					100.37
			Say	**Rs.100.40**	**per sqm**	
13.56.3	**Struck or weatherd pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar 1:3	cum	0.030	Rs.3246.34	(2112)	97.39
	Mason	per day	0.800	Rs.305.00	(0155)	244.00
	Coolie	per day	0.980	Rs.265.00	(0115)	259.70
	Bhishti	per day	1.000	Rs.277.00	(0101)	277.00
	sandries	1 time	2.750	Rs.1.80	(9999)	4.95
	Scaffolding and racking out joints including sundries	1 time	16.120	Rs.1.80	(9999)	29.02
	Total					912.06
	Add for water charges @ 1 %					9.12
	Total					921.18 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					129.43
	Total					1050.60 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					157.59
	Cost of 10 sqm					1208.19
	Cost of 1 sqm					120.82
	Add labour cess @ 1%					1.21
	Rate including labour cess					122.03
			Say	**Rs.122.00**	**per sqm**	
13.56.4	**Raised and cut pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar	cum	0.046	3246.34	(2112)	149.33
	Mason	per day	1.070	305.00	(0155)	326.35
	Coolie	per day	1.310	265.00	(0115)	347.15
	Bhishti	per day	1.000	277.00	(0101)	277.00
	Scaffolding and rackinq our joints including sandries	1 time	16.120	1.80	(9999)	29.02
	sundries	1 time	6.200	1.80	(9999)	11.16
	Total					1140.01
	Add for water charges @ 1 %					11.40
	Total					1151.41 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					161.77
	Total					1313.18 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					196.98
	Cost of 10 sqm					1510.16
	Cost of 1 sqm					151.02
	Add labour cess @ 1%					1.51
	Rate including labour cess					152.53
			Say	**Rs.152.50**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
13.57	**Pointing on brick flooring with cement mortar 1 :3(1 cement:3 corse sand):**					
13.57.1	**Flush pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar 1:3	cum	0.020	3246.34	(2112)	64.93
	Mason	per day	0.360	305.00	(0155)	109.80
	Coolie	per day	0.430	265.00	(0115)	113.95
	Bhishti	per day	1.000	277.00	(0101)	277.00
	Scaffolding and racking out joinis including sundries	1 time	16.120	1.80	(9999)	29.02
	Total					594.69
	Add for water charges @ 1 %					5.95
	Total					600.64 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					84.39
	Total					685.03 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					102.75
	Cost of 10 sqm					787.78
	Cost of 1 sqm					78.78
	Add labour cess @ 1%					0.79
	Rate including labour cess					79.57
			Say	**Rs.79.60**	**per sqm**	
13.57.2	**Ruled pointing**					
	.Details of cost for 10 sqm					
	Materials:					
	Cement mortar 1:3	cum	0.020	3246.34	(2112)	64.93
	Mason	per day	0.390	305.00	(0155)	118.95
	Coolie	per day	0.470	265.00	(0115)	124.55
	Bhishti	per day.	1.070	277.00	(0101)	296.39
	Sundries	1 time	4.150	1.80	(9999)	7.47
	Scaffolding and racking our joints including sundries	1 time	16.120	1.80	(9999)	29.02
	Total					641.30
	Add for water charges @ 1 %					6.41
	Total					647.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					91.00
	Total					738.72 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					110.81
	Cost of 10 sqm					849.53
	Cost of 1 sqm					84.95
	Add labour cess @ 1%					0.85
	Rate including labour cess					85.80
			Say	**Rs.85.80**	**per sqm**	
13.58	**Pointing on brick flooring with cement mortar 1:4(1 cement :4 corse sand):**					
13.58.1	**Flush pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar 1 :4	cum	0.020	2534.72	(2113)	50.69
	Mason	per day	0.360	305.00	(0155)	109.80
	Coolie	per day	0.430	265.00	(0115)	113.95
	Bhishti	per day	1.000	277.00	(0101)	277.00
	Sundries	1 time	4.150	1.80	(9999)	7.47

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Scaffolding and racking our joints including sundries	1 time	16.120	1.80	(9999)	29.02	
	Total					587.93	
	Add for water charges @ 1 %					5.88	
	Total					593.81	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					83.43	
	Total					677.24	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					101.59	
	Cost of 10 sqm					778.83	
	Cost of 1 sqm					77.88	
	Add labour cess @ 1%					0.78	
	Rate including labour cess					78.66	
			Say	**Rs.78.70**	**per sqm**		
13.58.2	**Ruled pointing**						
	Details of cost for 10 sqm						
	Materials						
	Cement mortar 1:4	cum	0.020	2534.72	(2113)	50.69	
	Mason	per day	0.390	305.00	(0155)	118.95	
	Coolie	per day	0.470	265.00	(0115)	124.55	
	Bhishti	per day	1.070	277.00	(0101)	296.39	
	Scaffolding and racking our joints including sundries	1 time	6.200	1.80	(9999)	11.16	
	Total					601.74	
	Add for water charges @ 1 %					6.02	
	Total					607.76	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					85.39	
	Total					693.15	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					103.97	
	Cost of 10 sqm					797.13	
	Cost of 1 sqm					79.71	
	Add labour cess @ 1%					0.80	
	Rate including labour cess					80.51	
			Say	**Rs.80.50**	**per sqm**		
13.63	**Pointing on tile brick work with cement mortar. 1:3 (1 cement :3 corse sand):**						
13.63.1	**Flush pointing**						
	Details of cost for 10 sqm						
	Materials:						
	Cement mortar 1:3	cum	0.046	3246.34	(2112)	149.33	
	Sundries	1 time	2.750	1.80	(9999)	4.95	
	Mason	per day	0.670	305.00	(0155)	204.35	
	Coolie	per day	0.800	265.00	(0115)	212.00	
	Bhishti	per day	1.280	277.00	(0101)	354.56	
	Scaffolding and racking out joints including sundries	1 time	6.200	1.80	(9999)	11.16	
	Total					936.35	
	Add for water charges @ 1 %					9.36	
	Total					945.72	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					132.87	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					1078.59 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					161.79
	Cost of 10 sqm					1240.38
	Cost of 1 sqm					124.04
	Add labour cess @ 1%					1.24
	Rate including labour cess					125.28
			Say	**Rs.125.30**	**per sqm**	
13.63.2	**Ruled pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar 1:3	cum	0.046	3246.34	(2112)	149.33
	Sundries	1 time	2.750	1.80	(9999)	4.95
	Mason	per day	0.720	305.00	(0155)	219.60
	Coolie	per day	0.880	265.00	(0115)	233.20
	Bhishti	per day	1.300	277.00	(0101)	360.10
	Scaffolding and racking out joints including sundries	1 time	6.200	1.80	(9999)	11.16
	Total					978.34
	Add for water charges @ 1 %					9.78
	Total					988.13 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					138.83
	Total					1126.96 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					169.04
	Cost of 10 sqm					1296.00
	Cost of 1 sqm					129.60
	Add labour cess @ 1%					1.30
	Rate including labour cess					130.90
			Say	**Rs.130.90**	**per sqm**	
13.63.3	**Struck or weathered pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar 1:3	cum	0.046	3246.34	(2112)	149.33
	Sundries	1 time	2.750	1.80	(9999)	4.95
	Mason	per day	0.980	305.00	(0155)	298.90
	Coolie	per day	1.200	265.00	(0115)	318.00
	Bhishti	per day	1.300	277.00	(0101)	360.10
	Scaffolding and racking our joijts including sunddries	1 time	6.200	1.80	(9999)	11.16
	Total					1142.44
	Add for water charges @ 1 %					11.42
	Total					1153.87 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					162.12
	Total					1315.98 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					197.40
	Cost of 10 sqm					1513.38
	Cost of f sqm					151.34
	Add labour cess @ 1%					1.51
	Rate including labour cess					152.85
			Say	**Rs.152.80**	**per sqm**	
13.64	**Pointing on stone work with cement mortar 1:3(1 cement:3 fine sand):**					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
13.64.1	**Flush pointing**					
	Details of cost for 10 sqm					
	Materiafs:					
	foment mortar 1:3	cum	0.023	3246.34	(2112)	74.67
	Sundries	1 time	2.750	1.80	(9999)	4.95
	Mason	per day	0.920	305.00	(0155)	280.60
	Coolie	per day	1.370	265.00	(0115)	363.05
	Bhishti	per day	0.930	277.00	(0101)	257.61
	Scaffolding and racking our joints induding sundries	1 time	6.200	1.80	(9999)	11.16
	Total					992.04
	Add for water charges @ 1 %					9.92
	Total					1001.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					140.77
	Total					1142.73 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					171.41
	Cost of 10 sqm					1314.14
	Cost of 1 sqm					131.41
	Add labour cess @ 1%					1.31
	Rate including labour cess					132.72
			Say	**Rs.132.70**	**per sqm**	
13.64.2	**Ruled pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar 1.3	cum	0.023	3246.34	(2112)	74.67
	Sundries	1 time	2.750	1.80	(9999)	4.95
	Mason	per day	1.000	305.00	(0155)	305.00
	Coolie	per day	1.480	265.00	(0115)	392.20
	BhishSi	per day	1.000	277.00	(0101)	277.00
	Scaffolding and racking out joints induding sundries	1 time	6.200	1.80	(9999)	11.16
	Total					1064.98
	Add for water charges @ 1 %					10.65
	Total					1075.63 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					151.13
	Total					1226.75 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					184.01
	Cost of 10 sqm					1410.76
	Cost of 1 sqm					141.08
	Add labour cess @ 1%					1.41
	Rate including labour cess					142.49
			Say	**Rs.142.50**	**per sqm**	
13.64.3	**Raised and cut pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar (1:3)	cum	0.038	3246.34	(2112)	123.36
	Sundries	1 time	2.750	1.80	(9999)	4.95
	Mason	per day	2.000	305.00	(0155)	610.00
	Coolie	per day	2.960	265.00	(0115)	784.40
	Bhishti	per day	1.000	277.00	(0101)	277.00
	Scaffolding and racking out joints including sundries	1 time	6.200	1.80	(9999)	11.16
	Total					1810.87

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for water charges @ 1 %					18.11
	Total					1828.98 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					256.97
	Total					2085.95 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					312.89
	Cost of 10 sqm					2398.84
	Cost of 1 sqm					239.88
	Add labour cess @ 1%					2.40
	Rate including labour cess					242.28
			Say	**Rs.242.30**	**per sqm**	
13.68	**Pointing on stone slab ceiling with cement *mortar* 1:2 (1 cement :2 corse sand):**					
13.68.1	**Flush pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar 1:2	cum	0.015	4157.64	(2111)	62.36
	Mason	per day	0.470	305.00	(0155)	143.35
	Coolie	per day	0.690	265.00	(0115)	182.85
	Bhishti	per day	0.590	277.00	(0101)	163.43
	Scaffolding and racking out jounts including sundriers	1 time	6.200	1.80	(9999)	11.16
	Total					563.15
	Add for water charges @ 1 %					5.63
	Total					568.79 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					79.91
	Total					648.70 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					97.31
	Cost of 10 sqm					746.01
	Cost of 1 sqm					74.60
	Add labour cess @ 1%					0.75
	Rate including labour cess					75.35
			Say	**Rs.75.40**	**per sqm**	
13.68.2	**Ruled pointing**					
	Details of cost for 10 sqm					
	Materials:					
	Cement mortar 1:2	cum	0.015	4157.64	(2111)	62.36
	Mason	per day	0.500	305.00	(0155)	152.50
	Coolie	per day	0.750	265.00	(0115)	198.75
	Bhishti	per day	0.630	277.00	(0101)	174.51
	Scaffolding and racking out joints including sundries	1 time	6.200	1.80	(9999)	11.16
	Total					599.28
	Add for water charges @ 1 %					5.99
	Total					605.28 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					85.04
	Total					690.32 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					103.55
	Cost of 10 sqm					793.87
	Cost of 1 sqm					79.39
	Add labour cess @ 1%					0.79

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Rate including labour cess					80.18
			Say	**Rs.80.20**	**per sqm**	
13.69	**Extra for pointing on walls on the ouside at height more than 10 m from gound level for every additional height of 3 m or pan tnere of**					
	Details of cost for 10 sqm					
	Labour:					
	Scaffolding	1 time	13.390	1.80	(9999)	24.10
	Sundries	1 time	13.390	1.80	(9999)	24.10
	Total					48.20
	Add for water charges @ 1 %					0.48
	Total					48.69 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					6.84
	Total					55.53 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					8.33
	Cost of 10 sqm					63.86
	Cost of 1 sqm					6.39
	Add labour cess @ 1%					0.06
	Rate including labour cess					6.45
			Say	**Rs.6.40**	**per sqm**	
13.70	**White washing with lime to give an ever shade**					
13.70.1	**New work (three or more coats)**					
	Details of cost for 10 sqm					
	Materials:					
	Dehardun white lime	quintal	0.030	344.37	(0775)	10.33
	Carriage of lime	1 time	0.910	1.80	(9999)	1.64
	Labour:					
	White washer	per day	0.200	322.00	(0141)	64.40
	Coolie	per day	0.100	265.00	(0115)	26.50
	Indigo gum etc	1 time	4.420	1.80	(9999)	7.96
	Sundries, Ladders etc	1 time	4.420	1.80	(9999)	7.96
	Total					118.78
	Add for water charges @ 1 %					1.19
	Total					119.97 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					16.86
	Total					136.82 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					20.52
	Cost of 10 sqm					157.35
	Cost of 1 sqm					15.73
	Add labour cess @ 1%					0.16
	Rate including labour cess					15.89
			Say	**Rs.15.90**	**per sqm**	
13.70.2	**Old work (two or more coats}**					
	Details of cost for 10 sqm					
	materials:					
	Dehardun white lime	quintal	0.020	344.37	(0775)	6.89
	Carriage of lime	1 time	0.200	1.80	(9999)	0.36

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Labour:					
	White washer	per day	0.110	322.00	(0141)	35.42
	Coolie	per day	0.060	265.00	(0115)	15.90
	Indigo gum etc	1 time	1.050	1.80	(9999)	1.89
	Sundries, Ladders etc	1 time	2.730	1.80	(9999)	4.91
	Total					65.37
	Add for water charges @ 1 %					0.65
	Total					66.03 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					9.28
	Total					75.30 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					11.30
	Cost of 10 sqm					86.60
	Cost of 1 sqm					8.66
	Add labour cess @ 1%					0.09
	Rate including labour cess					8.75
			Say	**Rs.8.70**	**per sqm**	
13.70.3	**Old work (one or more coats)**					
	Details of cost for 10 sqm					
	Materials:					
	Dehardun white lime	quintal	0.010	344.37	(0775)	3.44
	Carriage of lime	1 time	0.200	1.80	(9999)	0.36
	Labour:					
	White washer	per day	0.070	322.00	(0141)	22.54
	Coolie	per day	0.030	265.00	(0115)	7.95
	Indigo gum etc	1 time	0.800	1.80	(9999)	1.44
	Sundries	1 time	1.050	1.80	(9999)	1.89
	Total					37.62
	Add for water charges @ 1 %					0.38
	Total					38.00 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					5.34
	Total					43.34 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					6.50
	Cost of 10 sqm					49.84
	Cost of 1 sqm					4.98
	Add labour cess @ 1%					0.05
	Rate including labour cess					5.03
			Say	**Rs.5.00**	**per sqm**	
13.71	**Satna lime wash on walls one coat**					
	Details of cost for 10 sqm.					
	Materials:					
	Satna lime	quintal	0.010	260.60	(0776)	2.61
	Carnage of lime	1 time	0.800	1.80	(9999)	1.44
	Indigoa gum etc.	1 time	0.200	1.80	(9999)	0.36
	Labour:					
	White washer	per day	0.080	322.00	(0141)	25.76
	Coolie	per day	0.040	265.00	(0115)	10.60
	Indigo gum etc.	1 time	2.730	1.80	(9999)	4.91
	Total					45.68
	Add for water charges @ 1 %					0.46
	Total					46.14 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					6.48

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					52.62 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					7.89
	Cost of 10 sqm					60.51
	Cost of 1 sqm					6.05
	Add labour cess @ 1%					0.06
	Rate including labour cess					6.11
			Say	**Rs.6.10**	**per sqm**	
13.72	**White washing with whiting to give an even shade:**					
13.72.1	**New work (three or more coats)**					
	Details of cost for 10 sqm					
	Materials:					
	whiting	quintal	0.030	558.43	(1216)	16.75
	Carriage of lime	1 time	0.350	1.80	(9999)	0.63
	Labour:					
	White washer	per day	0.200	322.00	(0141)	64.40
	Coolie	per day	0.100	265.00	(0115)	26.50
	Indigo gum etc.	1 time	1.700	1.80	(9999)	3.06
	Sundries, ladders etc.	1 time	1.050	1.80	(9999)	1.89
	Total					113.23
	Add for water charges @ 1 %					1.13
	Total					114.37 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					16.07
	Total					130.43 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					19.57
	Cost of 10 sqm					150.00
	Cost of 1 sqm					15.00
	Add labour cess @ 1%					0.15
	Rate including labour cess					15.15
			Say	**Rs.15.10**	**per sqm**	
13.72.2	**Old work (two or more coats)**					
	Details of cost for 10 sqm					
	Materials:					
	Whiting	quintal	0.020	558.43	(1216)	11.17
	Carriage of lime	1 time	0.200	1.80	(9999)	0.36
	Labour:					
	White washer	per day	0.110	322.00	(0141)	35.42
	Coolie	per day	0.060	265.00	(0115)	15.90
	Indigo guni e!c.	1 time	1.500	1.80	(9999)	2.70
	Sundries,Idders tec.	1 time	1.050	1.80	(9999)	1.89
	Total					67.44
	Add for water charges @ 1 %					0.67
	Total					68.11 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					9.57
	Total					77.68 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					11.65
	Cost of 10 sqm					89.34
	Cost of 1 sqm					8.93
	Add labour cess @ 1%					0.09
	Rate including labour cess					9.02
			Say	**Rs.9.00**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
13.72.3	**Old work (one *or* more coats)**					
	Details of cost for 10 sqm					
	Materials:					
	Whiting of lime	quintal	0.010	558.43	(1216)	5.58
	Carriage of lime	1 time	0.200	1.80	(S999)	0.36
	Labour:					
	White washer	per day	0.070	322.00	(0141)	22.54
	Coolie	per day	0.030	265.00	(0115)	7.95
	Indigo gum etc.	1 time	0.800	1.80	(9999)	1.44
	Sundries, ladders etc.	1 time	1.050	1.80	(9999)	1.89
	Total					39.76
	Add for water charges @ 1 %					0.40
	Total					40.16 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					5.64
	Total					45.80 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					6.87
	Cost of 10 sqm					52.68
	Cost of 1 sqm					5.27
	Add labour cess @ 1%					0.05
	Rate including labour cess					5.32
			Say	**Rs.5.30**	**per sqm**	
13.73	**Colour washing such as green, blue or buff to *give* an even shade**					
13.73.1	**New work (two or more coats) with a base coat of white washing**					
	Details of cost for 10 sqm					
	Materials:					
	Dehra Dun white lime	quintal	0.030	344.37	(0775)	10.33
	Carriage of lime	LS	8.060	1.80	(9999)	14.51
	Add for colouring stuff	LS	0.910	1.80	(9999)	1.64
	Labour:					
	White washer	per day	0.300	322.00	(0141)	96.60
	Coolie	per day	0.100	265.00	(0115)	26.50
	Indigo gum etc.	LS	4.420	1.80	(9999)	7.96
	Sundries, ladders etc.	LS	2.730	1.80	(9999)	4.91
	Total					162.45
	Add for water charges @ 1 %					1.62
	Total					164.07 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					23.05
	Total					187.12 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					28.07
	Cost of 10 sqm					215.19
	Cost of 1 sqm					21.52
	Add labour cess @ 1%					0.22
	Rate including labour cess					21.74
			Say	**Rs.21.70**	**per sqm**	
13.73.2	**New work (two or more coats) with a base coat of whiting**					
	Details of cost for 10 sqm					
	Materials:					
	Dehra Dun white lime	quintal	0.030	Rs.558.43	(1216)	16.75

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for colouring stuff	LS	8.060	Rs.1.80	(9999)	14.51
	Carriage	LS	0.910	Rs.1.80	(99995	1.64
	Labour:					
	White washer	*per* day	0.300	Rs.322.00	(0141)	96.60
	Coolie	per day	0.100	Rs.265.00	(0115)	26.50
	Glue,gum etc.	LS	2.730	Rs.1.80	(9999)	4.91
	Sundries and ladder etc.	LS	2.730	Rs.1.80	(9999)	4.91
	Total					165.83
	Add for water charges @ 1 %					1.66
	Total					167.49 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					23.53
	Total					191.02 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					28.65
	Cost of 10 sqm					219.67
	Cost of 1 sqm					21.97
	Add labour cess @ 1%					0.22
	Rate including labour cess					22.19
			Say	**Rs.22.20**	**per sqm**	
13.73.3	**Old work (two or more coats) with lime**					
	Details of cost for 10 sqm					
	Materials:					
	Dehra Dun white lime	quintal	0.020	Rs.344.37	(0775)	6.89
	Carriage of lime	1 time	0.200	Rs.1.80	(9999)	0.36
	Labour:					
	White washer	per day	0.170	Rs.322.00	(0141)	54.74
	Coolie	per day	0.060	Rs.265.00	(0115)	15.90
	Add for colouring stuff	1 time	2.050	Rs.1.80	(9999)	3.69
	Glue, gum etc.	1 time	1.050	Rs.1.80	(9999)	1.89
	Labour and sundries	1 timp	1.050	Rs.1.80	(9999)	1.89
	Total					85.36
	Add for water charges @ 1 %					0.85
	Total					86.21 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					12.11
	Total					98.32 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					14.75
	Cost of 10 sqm					113.07
	Cost of 1 sqm					11.31
	Add labour cess @ 1%					0.11
	Rate including labour cess					11.42
			Say	**Rs.11.40**	**per sqm**	
13.73.4	**Old work (two or more coats) with whiting**					
	Details of cost for 10 sqm					
	Materials:					
	Dehra Dun white lime	quintal	0.020	Rs.558.43	(1216)	11.17
	Ada tor coiounng siuif	i hi lie	0.200	Rs.1.80	(9999)	0.36
	Carriage	1 time	2.050	Rs.1.80	(9999)	3.69
	Labour:					
	White washer	per day	0.170	Rs.322.00	(0141)	54.74
	Coolie	per day	0.060	Rs.265.00	(0115)	15.90
	Glue, gum etc.	1 time	0.600	Rs.1.80	(9999)	1.08
	Sundries and ladder etc.	1 time	1.050	Rs.1.80	(9999)	1.89
	Total					88.83

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for water charges @ 1 %					0.89
	Total					89.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					12.61
	Total					102.32 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					15.35
	Cost of 10 sqm					117.67
	Cost of 1 sqm					11.77
	Add labour cess @ 1%					0.12
	Rate including labour cess					11.89
			Say	**Rs.11.90**	**per sqm**	
13.73.5	**Old work (one or more coats) with lime**					
	Details of cost for 10 sqm					
	Materials:					
	Dehra Dun white lime	quintal	0.010	Rs.344.37	(0775)	3.44
	Carriage of lime	1 time	0.150	Rs.1.80	(9999)	0.27
	Labour:					
	White washer	per day	0.100	Rs.322.00	(0141)	32.20
	Coolie	per day	0.030	Rs.265.00	(0115)	7.95
	Add for colouring stuff	1 time	1.050	Rs.1.80	(9999)	1.89
	Glue, gum etc.	1 time	1.050	Rs.1.80	(9999)	1.89
	Ladder and sundries	1 time	0.350	Rs.1.80	(9999)	0.63
	Total					48.27
	Add for water charges @ 1 %					0.48
	Total					48.76 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					6.85
	Total					55.61 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					8.34
	Cost of 10 sqm					63.95
	Cost of 1 sqm					6.39
	Add labour cess @ 1%					0.06
	Rate including labour cess					6.45
			Say	**Rs.6.50**	**per sqm**	
13.73.6	**Old work (one or more coats) with whiting**					
	Details of cost for 10 sqm					
	Materials:					
	Dehra Dun white lime	quintal	0.010	Rs.558.43	(1216)	5.58
	Add for colouring stuff	1 time	0.150	Rs.1.80	(9999)	0.27
	Labour:					
	White washer	per day	0.100	Rs.322.00	(0141)	32.20
	Coolie	per day	0.030	Rs.265.00	(0115)	7.95
	Glue, gum etc.	1 time	1.050	Rs.1.80	(9999)	1.89
	Sundries and ladder etc.	1 time	1.050	Rs.1.80	(9999)	1.89
	Add for colouring stuff	1 time	0.350	Rs.1.80	(9999)	0.63
	Total					50.41
	Add for water charges @ 1 %					0.50
	Total					50.92 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					7.15
	Total					58.07 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					8.71
	Cost of 10 sqm					66.78

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Cost of 1 sqm					6.68	
	Add labour cess @ 1%					0.07	
	Rate including labour cess					6.75	
			Say	**Rs.6.70**	**per sqm**		
13.74	**Removing white-or colour wash by scrapping and .sand paperin and preparing the surface smooth including necessary *repair* scratches etc. complete Details of cost for 10 sqm**						
	Labour:						
	Beldar	per day	0.090	Rs.254.00	(0114)	22.86	
	Coolie	per day	0.040	Rs.265.00	(0115)	10.60	
	Bhishti	per day	0.040	Rs.277.00	(0101)	11.08	
	Sundries such as sand paper and scratches	1 time	1.050	Rs.1.80	(9999)	1.89	
	Repair to scratches	1 time	0.700	Rs.1.80	(9999)	1.26	
	Total					47.69	
	Add for water charges @ 1 %					0.48	
	Total					48.17	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					6.77	
	Total					54.93	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					8.24	
	Cost of 10 sqm					63.17	
	Cost of 1 sqm					6.32	
	Add labour cess @ 1%					0.06	
	Rate including labour cess					6.38	
			Say	**Rs.6.40**	**per sqm**		
13.75	**Distempering with dry distemper of approved brand and manufacture (two or more coats) and of required shade on new work , over and including priming coat of whiting to give an even shade.**						
	Details of cost for 10 sqm For whiting						
	Materials:						
	Whiting	quintal	0.010	Rs.558.43	(1216)	5.58	
	Putty, glue *etc.*	LS	2.730	Rs.1.80	(9999)	4.91	
	For Distempering						
	Dry, distemper	kilogram	1.500	Rs.25.83	(0815)	38.75	
	Carriage of materials	LS	1.560	Rs.1.80	(9999)	2.81	
	Brushes , sand - paper	LS	7.150	Rs.1.80	(9999)	12.87	
	Labour:						
	Painter	per day	0.800	Rs.323.00	(0131)	258.40	
	Coolie	per day	0.400	Rs.265.00	(0115)	106.00	
	Sundries	LS	5.330	Rs.1.80	(9999)	9.59	
	Total					438.92	
	Add for water charges @ 1 %					4.39	
	Total					443.31	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					62.28	
	Total					505.59	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					75.84	
	Cost of 10 sqm					581.43	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 sqm					58.14
	Add labour cess @ 1%					0.58
	Rate including labour cess					58.72
			Say	**Rs.58.70**	**per sqm**	
13.76	**Distempering with dry distemper of approved brand and manufacture (one or more coats) and , of required shade on old work to give an even shade.**					
	Details of cost for 10 sqm					
	Materials:					
	Dry distemper .	kilogram	1.000	Rs.25.83	(0815)	25.83
	Carriage of distemper.	1 time	0.350	Rs.1.80	(9999)	0.63
	Brushes sand - paper etc	1 time	2.050	Rs.1.80	(9999)	3.69
	Labour:					
	Psinter .	per day	0.330	Rs.323.00	(0131)	106.59
	Coolie	per day	0.170	Rs.265.00	(0115)	45.05
	Sundries	1 time	5.330	Rs.1.80	(9999)	9.59
	Total					191.39
	Add for water charges @ 1 %					1.91
	Total					193.30 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					27.16
	Total					220.46 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					33.07
	Cost of 10 sqm					253.53
	Cost of 1 sqm					25.35
	Add labour cess @ 1%					0.25
	Rate including labour cess					25.60
			Say	**Rs.25.60**	**per sqm**	
13.77	**Distempering with oil bound washable distemper of approved brand-and manufacture to airive an even shade.**					
13.77.2	**New work (two or more coats) over and including priming coat with cement primer**					
	Details of cost for 10 sqm					
	Materials:					
	Cement primer	litre	0.700	Rs.55.84	(0820)	39.09
	Brushes, putty etc.	1 time	7.150	Rs.1.80	(9999)	12.87
	Sundries including carriage	1 time	8.060	Rs.1.80	(9999)	14.51
	Distemper	kilogram	1.500	Rs.38.75	(0816)	58.12
	Top coats					
	Materials:					
	Carriage of materials	1 time	4.420	Rs.1.80	(9999)	7.96
	Brushes sand paper & putty for filling holes	1 time	11.700	Rs.1.80	(9999)	21.06
	Labour:					
	Painter	per day	1.000	Rs.323.00	(0131)	323.00
	Coolie	per day	0.500	Rs.265.00	(0115)	132.50
	Sundries	1 time	8.060	Rs.1.80	(9999)	14.51
	Total					623.62
	Add for water charges @ 1 %					6.24
	Total					629.85 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					88.49
	Total					718.35 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					107.75
	Cost of 10 sqm					826.10
	Cost of 1 sqm					82.61
	Add labour cess @ 1%					0.83
	Rate including labour cess					83.44
			Say	**Rs.83.40**	**per sqm**	
13.77.3	**Old work (one or more coats)**					
	Details of cost for 10 sqm					
	Materials:					
	Oil bound washable distemper	kilogram	1.000	Rs.38.75	(0816)	38.75
	Brushes, putty etc	1 time	0.200	Rs.1.80	(9999)	0.36
	Sundries including carriage	1 time	4.150	Rs.1.80	(9999)	7.47
	Labour:					
	Painter	per day	0.330	Rs.323.00	(0131)	106.59
	Coolie	per day	0.170	Rs.265.00	(0115)	45.05
	Sundries	1 time	2.750	Rs.1.80	(9999)	4.95
	Total					203.17
	Add for water charges @ 1 %					2.03
	Total					205.20 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					28.83
	Total					234.03 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					35.10
	Cost of 10 sqm					269.14
	Cost of 1 sqm					26.91
	Add labour cess @ 1%					0.27
	Rate including labour cess					27.18
			Say	**Rs.27.20**	**per sqm**	
13.77A	**Distrempering with 1st quality washable distemper (ready made) of approved manufacturer and of required shade and colour complete. As per manufactuer's specifications.**					
13.77A.1	**Two or more coats on new work**					
	Details of cost for 10 sqm					
	Materials:					
	Distemper	kilogram	1.500	Rs.38.75	(0816)	58.12
	Carriage of material	1 time	4.420	Rs.1.80	(9999)	7.96
	rushes and paper etc. putty and filling uf hoes tec.	1 time	11.570	Rs.1.80	(9999)	20.83
	Labour:					
	Painter	per day	0.400	Rs.323.00	(0131)	129.20
	Beldar	per day	0.460	Rs.254.00	(0114)	116.84
	Sundries	1 time	8.060	Rs.1.80	(9999)	14.51
	Total					347.45
	Add for water charges @ 1 %					3.47
	Total					350.93 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					49.31
	Total					400.23 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and over-heads @ 15% on "Y"					60.04
	Cost of 10 sqm					460.27
	Cost of 1 sqm					46.03
	Add labour cess @ 1%					0.46
	Rate including labour cess					46.49
			Say	**Rs.46.50**	**per sqm**	
13.77A.2	**One or more coats on old work Details of cost for 10 sqm**					
	Materials:					
	Distempre	kilogram	1.000	Rs.38.75	(0816)	38.75
	Brushes, putty *eic.*	1 time	4.420	Rs.1.80	(9999)	7.96
	Sundries including carriage of material	1 time	11.570	Rs.1.80	(9999)	20.83
	Labour:					
	Painter	per day	0.220	Rs.323.00	(0131)	71.06
	Deldar	per day	0.220	Rs.254.00	(0114)	55.88
	Sundries	1 time	8.060	Rs.1.80	(9999)	14.51
	Total					208.98
	Add for water charges @ 1 %					2.09
	Total					211.07 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					29.66
	Total					240.72 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					36.11
	Cost of 10 sqm					276.83
	Cost of 1 sqm					27.68
	Add labour cess @ 1%					0.28
	Rate including labour cess					27.96
			Say	**Rs.28.00**	**per sqm**	
13.78	**Applying one coat of cement primer of aporoved brand and manufacture on wall surface:**					
13.78.1	**Cement primer Details of cost for 10 sqm**					
	Materials:					
	Cement primer	litre	0.700	Rs.55.84	(0820)	39.09
	Brushes, putty etc.	1 time	2.750	Rs.1.80	(9999)	4.95
	Labour:					
	Painter	per day	0.400	Rs.323.00	(0131)	129.20
	Coolie	per day	0.200	Rs.265.00	(0115)	53.00
	Sundries including carnage	1 time	3.100	Rs.1.80	(9999)	5.58
	Total					231.82
	Add for water charges @ 1 %					2.32
	Total					234.14 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					32.90
	Total					267.04 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					40.06
	Cost of 10 sqm					307.09
	Cost of 1 sqm					30.71
	Add labour cess @ 1%					0.31
	Rate including labour cess					31.02
			Say	**Rs.31.00**	**per sqm**	
13.78.2	**Distemper primer**					
	Dedtails of cost for 10 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Materials:					
	Distmper primer	litre	0.810	Rs.54.91	(0821)	44.48
	Bsushes, putty etc.	1 time	2.750	Rs.1.80	(9999)	4.95
	Labour:					
	Painter .	per day	0.400	Rs.323.00	(0131)	129.20
	Coolie	per day	0.200	Rs.265.00	(0115)	53.00
	Sundries-including carriage	1 time	3.100	Rs.1.80	(9999)	5.58
	Total					237.21
	Add for water charges @ 1 %					2.37
	Total					239.58 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					33.66
	Total					273.24 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					40.99
	Cost of 10 sqm					314.23
	Cost of 1 sqm					31.42
	Add labour cess @ 1%					0.31
	Rate including labour cess					31.73
			Say	**Rs.31.70**	**per sqm**	
13.79	**Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade**					
13.79.1	**New work (three or more coats)**					
	Details of cost for 10 sqm					
	Water profing cement paint	kilogram	5.470	Rs.32.72	(0851)	178.99
	Carriage of materials	1 time	1.560	Rs.1.80	(9999)	2.81
	Labour:					
	Painter	per day	0.600	Rs.323.00	(0131)	193.80
	Coolie	per day	0.300	Rs.265.00	(0115)	79.50
	Bhishti	per day	0.100	Rs.277.00	(0101)	27.70
	Brushes, Sand paper etc	1 time	7.150	Rs.1.80	(9999)	12.87
	Sundries	1 time	8.060	Rs.1.80	(9999)	14.51
	Total					510.17
	Add for water charges @ 1 %					5.10
	Total					515.28 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					72.40
	Total					587.67 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					88.15
	Cost of 10 sqm					675.82
	Cost of 1 sqm					67.58
	Add labour cess @ 1%					0.68
	Rate including labour cess					68.26
			Say	**Rs.68.30**	**per sqm**	
13.79.2	**Old work (one or more coats)**					
	Details of cost for 10 sqm					
	Water proofing cement paint	kilogram	2.200	Rs.32.72	(0851)	71.99
	Carriage of materials	1 time	0.350	Rs.1.80	'(9999)	0.63
	Putty, brushes tec.	1 time	2.750	Rs.1.80	'(9999)	4.95
	Labour:					
	Painter	per day	0.330	Rs.323.00	(0131)	106.59
	Coolie	per day	0.170	Rs.265.00	(0115)	45.05

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Bhisti	per day	0.500	Rs.277.00	(0101)	138.50
	Sundries, brushes, sand paper etc.	1 time	8.060	Rs.1.80	(9999)	14.51
	Total					382.22
	Add for water charges @ 1 %					3.82
	Total					386.04 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					54.24
	Total					440.28 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					66.04
	Cost of 10 sqm					506.32
	Cost of 1 sqm					50.63
	Add labour cess @ 1%					0.51
	Rate including labour cess					51.14
			Say	**Rs.51.10**	**per sqm**	
13.80	**Removing dry or oil bound distemper by scrapping, sand paper and preparing the surface smooth including necessary repair scratches etc.complete**					
	Details of cost for 10 sqm					
	Labour:					
	Beldar	per day	0.110	254.00	(0114)	27.94
	Coolie	per day	0.050	265.00	(0115)	13.25
	Bhishti	per day	0.050	277.00	(0101)	13.85
	Scrapper, sand paper etc.	1 time	2.400	1.80	(9999)	4.32
	Sundries including mortar to repair the suface	1 time	0.700	1.80	(9999)	1.26
	Total					60.62
	Add for water charges @ 1 %					0.61
	Total					61.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					8.60
	Total					69.83 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					10.47
	Cost of 10 sqm					80.30
	Cost of 1 sqm					8.03
	Add labour cess @ 1%					0.08
	Rate including labour cess					8.11
			Say	**Rs.8.10**	**per sqm**	
13.80 A.1	**Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.**					
	Description					
	MATERIAL:					
824	White cement based putty 10x0.001x1429 = 14.29kg Add 2% wastage= 0.29kg Total = 14.58kg Say 14.58 kg	kg	14.58	18.61	(0824)	271.40
9999	Carriage of plaster of paris	L.S.	3.90	1.80	(9999)	7.02

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	LABOUR:						
122	Mason (for plaster of paris work) 1 st class	day	0.45	342.00	(0122)	153.90	
114	Beldar	day	0.45	254.00	(0114)	114.30	
9999	Scaffolding and sundries	L.S.	40.00	1.80	(9999)	72.00	
	Total					618.62	
	Add for water charges @ 1 %					6.19	
	Total					624.81	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					87.79	
	Total					712.59	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					106.89	
	Cost of 10 sqm					819.48	
	Cost of 1 sqm					81.95	
	Add labour cess @ 1%					0.82	
	Rate including labour cess					82.77	
			Say	**Rs.82.80**	**per sqm**		

13.80 A.2 Providing and applying white cement based putty of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.

	Description						
	MATERIAL:						
824	White cement based putty 10x0.002x1429 = 14.29kg	kg		18.61	(0824)	532.00	
	Add 2% wastage= 0.29kg		28.580				
	Total = 14.58kg						
	Say 14.58 kg						
9999	Carriage of plaster of paris	L.S.	3.900	1.80	(9999)	7.02	
	LABOUR:						
122	Mason (for plaster of paris work) 1 st class	day	0.450	342.00	(0122)	153.90	
114	Beldar	day	0.450	254.00	(0114)	114.30	
9999	Scaffolding and sundries	L.S.	40.000	1.80	(9999)	72.00	
	TOTAL					879.22	
	Add for water charges @ 1 %					8.79	
	Total					888.01	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					124.77	
	Total					1012.78	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					151.92	
	Cost of 10 sqm					1164.70	
	Cost of 1 sqm					116.47	
	Add labour cess @ 1%					1.16	
	Rate including labour cess					117.63	
			Say	**Rs.117.60**	**per sqm**		

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
13.81 A	**Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture,including applying additional coats wherever required, to achieve even shade and colour.**					
13.81.1 A	**One coat**					
	MATERIAL:					
	Acrylic distemper 1st quality , having VOC content less than 50 grams/ litre	Kg	**0.620**	**Rs.0.00**	**(0802)**	0.00
	Brushes, putty etc.	L.S.	**0.520**	**Rs.1.80**	**(9999)**	0.94
	Sundries including carriage	L.S.	**10.790**	**Rs.1.80**	**(9999)**	19.42
	LABOUR:					
	Painter	day	**0.330**	**Rs.323.00**	**(0131)**	106.59
	Coolie	day	**0.170**	**Rs.265.00**	**(0115)**	45.05
	Sundries	L.S.	**7.150**	**Rs.1.80**	**(9999)**	12.87
	TOTAL					184.87
	Add for water charges @ 1 %					1.85
	Total					186.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					26.23
	Total					212.95 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					31.94
	Cost of 10 sqm					244.89
	Cost of 1 sqm					24.49
	Add labour cess @ 1%					0.24
	Rate including labour cess					24.73
			Say	**Rs.24.70**	**per sqm**	
13.81.2B	**Two coats**					
	Description					
	MATERIAL:					
	Acrylic distemper 1st quality , having VOC content less than 50 grams/ litre	Kg	**0.990**	**Rs.0.00**	**(0802)**	0.00
	Brushes, putty etc.	L.S.	**11.570**	**Rs.1.80**	**(9999)**	20.83
	Sundries including carriage	L.S.	**4.420**	**Rs.1.80**	**(9999)**	7.96
	LABOUR:					
	Painter	day	**0.400**	**Rs.323.00**	**(0131)**	129.20
	Coolie	day	**0.460**	**Rs.265.00**	**(0115)**	121.90
	Sundries	L.S.	**8.060**	**Rs.1.80**	**(9999)**	14.51
	TOTAL					294.39
	Add for water charges @ 1 %					2.94
	Total					297.33 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					41.78
	Total					339.11 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					50.87
	Cost of 10 sqm					389.98
	Cost of 1 sqm					39.00

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add labour cess @ 1%					0.39
	Rate including labour cess					39.39
			Say	**Rs.39.40**	**per sqm**	
13.81	**Applying priming coat:**					
13.81.1	**Applying priming coat With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)**					
	Details of cost for 10 sqm					
	Materials:					
	Primer	litre	0.750	Rs.79.11	(0823)	59.33
	Putty	1 time	2.730	Rs.1.80	(9999)	4.91
	Carriage	1 time	0.390	Rs.1.80	(9999)	0.70
	Labour:					
	Painter	per day	0.250	Rs.323.00	(0131)	80.75
	Coolie	per day	0.250	Rs.265.00	(0115)	66.25
	Brushes, sand papers etc.	1 time	5.330	Rs.1.80	(9999)	9.59
	Sundries	1 time	10.790	Rs.1.80	(9999)	19.42
	Add for water charges @ 1 %					2.41
	Total					243.38 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					34.19
	Total					277.57 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					41.64
	Cost of 10 sqm					319.20
	Cost of 1 sqm					31.92
	Add labour cess @ 1%					0.32
	Rate including labour cess					32.24
			Say	**Rs.32.20**	**per sqm**	
13.81.2	**with ready mixed aluminium primer of approved brand and manufacture on resinous wood and plywood.**					
	Details of cost 10 sqm					
	Materials:					
	Aluminium primer	litre	0.750	Rs.81.90	(4201)	61.43
	Putty	1 time	2.730	Rs.1.80	(9999)	4.91
	Carriage	1 time	0.390	Rs.1.80	(9999)	0.70
	Labour:					
	Painter	per day	0.250	Rs.323.00	(0131)	80.75
	Coolie	per day	0.250	Rs.265.00	(0115)	66.25
	Brushes, sand papers etc	1 time	5.330	Rs.1.80	(9999)	9.59
	Sundries	1 time	10.790	Rs.1.80	(9999)	19.42
	Add for water charges @ 1 %					2.43
	Total					245.49 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					34.49
	Total					279.98 (Y)
	Add for contractor's profit and over-heads @ 15% on"Y"					42.00
	Cost of 10 sqm					321.98
	Cost of 1 sqm					32.20
	Add labour cess @ 1%					0.32
	Rate including labour cess					32.52
			Say	**Rs.32.50**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
13.81.3	**With ready mixed zinc chromate.yellow primer of approved brand and manufacture on steel galvanised iron/steel works**					
	Details of cost for 10 sqm					
	Materials: Zince chromate yellow primer	litre	0.540	Rs.81.90	(4202)	44.23
	Carriage of materials	1 time	0.520	Rs.1.80	(9999)	0.94
	Labour: -					
	Painter	per day	0.240	Rs.323.00	(0131)	77.52
	Coolie	per day	0.240	Rs.265.00	(0115)	63.60
	Brushes, sand papers including sundires	1 time	10.790	Rs.1.80	(9999)	19.42
	Add for water charges @ 1 %					2.06
	total					207.76 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					29.19
	Total					236.95 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					35.54
	Cost of 10 sqm					272.50
	Cost of 1 sqm					27.25
	Add labour cess @ 1%					0.27
	Rate including labour cess					27.52
			Say	**Rs.27.50**	**per sqm**	
13.81.4	**With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel work (second coat)**					
	Details of cost for 10 sqm					
	Materials:					
	Zinc chromate yellow primer	litre	0.360	Rs.81.90	(4202)	29.49
	Carriage	1 time	0.390	Rs.1.80	(9999)	0.70
	Labour:					
	Painter	per day	0.120	Rs.323.00	(0131)	38.76
	Coolie	per day	0.120	Rs.265.00	(0115)	31.80
	Sundries, brushes, sand papers, tec.	1 time	7.150	Rs.1.80	(9999)	12.87
	Total					113.62
	Add for water charges @ 1 %					1.14
	Total					114.75 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					16.12
	Total					130.88 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					19.63
	Cost of 10 sqm					150.51
	Cost of 1 sqm					15.05
	Add labour cess @ 1%					0.15
	Rate including labour cess					15.20
			Say	**Rs.15.20**	**per sqm**	
13.82	**Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade:**					
13.82.1	New steel work (two or more coats)					
	Materials:					
	Ready mix paint	Per litre	1.250	Rs.182.36	(0843)	227.94
	Carriage	1 time	0.550	Rs.1.80	(9999)	0.99
	Labour:					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Painter	per day	0.540	Rs.323.00	(0131)	174.42	
	Coolie	per day	0.540	Rs.265.00	(0115)	143.10	
	Putty.brushes snad paper etc.	1 time	2.600	Rs.1.80	(9999)	4.68	
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58	
	Total					556.71	
	Add for water charges @ 1 %					5.57	
	Total					562.28	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					79.00	
	Total					641.28	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					96.19	
	Cost of 10 sqm					737.47	
	Cost of 1 sqm					73.75	
	Add labour cess @ 1%					0.74	
	Rate including labour cess					74.49	
			Say	**Rs.74.50**	**per sqm**		
13.82.2	**New wood work (two or more coats) Details of cost for 10 sqm**						
	Materials:						
	Ready mix paint	Per litre	1.250	Rs.182.36	(0842)	227.94	
	Carriage	1 time	0.550	Rs.1.80	(9999)	0.99	
	Labour:						
	Painter	per day	0.540	Rs.323.00	(0131)	174.42	
	Coolie	per day	0.540	Rs.265.00	(0115)	143.10	
	Putty.brushes snadd paper etc.	1 time	2.600	Rs.1.80	(9999)	4.68	
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58	
	Total					556.71	
	Add for water charges @ 1 %					5.57	
	Total					562.28	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					79.00	
	Total					641.28	(Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					96.19	
	Cost of 10 sqm					737.47	
	Cost of 1 sqm					73.75	
	Add labour cess @ 1%					0.74	
	Rate including labour cess					74.49	
			Say	**Rs.74.50**	**per sqm**		
13.82.3	**Old steel work (one or more coats) Details of cost for 10 sqm**						
	Materials:						
	Ready mix paint	Per litre	0.750	Rs.182.36	(0843)	136.77	
	Carriage	1 time	0.200	Rs.1.80	(9999)	0.36	
	Labour:						
	Painter	per day	0.360	Rs.323.00	(0131)	116.28	
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40	
	Putty.brushes snad paper etc.	1 time	2.600	Rs.1.80	(9999)	4.68	
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58	
	Total					359.07	
	Add for water charges @ 1 %					3.59	
	Total					362.66	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					50.95	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Total					413.61 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					62.04
	Cost of 10 sqm					475.65
	Cost of 1 sqm					47.57
	Add labour cess @ 1%					0.48
	Rate including labour cess					48.05
			Say	**Rs.48.00**	**per sqm**	
13.82.4	**Old wood work (one more coats) Details of cost for 10 sm**					
	Materials:					
	Ready mix paint	Per litre	0.750	Rs.182.36	(0842)	136.77
	Carriage	1 time	0.200	Rs.1.80	(9999)	0.36
	Labour:					
	Painter	per day	0.360	Rs.323.00	(0131)	116.28
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40
	Putty, brushes snad paper eic	1 time	2.600	Rs.1.80	(9999)	4.68
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	Total					359.07
	Add for water charges @ 1 %					3.59
	Total					362.66 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					50.95
	Total					413.61 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					62.04
	Cost of 10 sqm					475.65
	Cost of 1 sqm					47.57
	Add labour cess @ 1%					0.48
	Rate including labour cess					48.05
			Say	**Rs.48.00**	**per sqm**	
13.82.A	**Painting one thin coat with white lead of approved . brand and manufacture on wet or patchy portion of plastered surfaces.**					
	Details of cost for 10 s'qm					
	Materials:					
	Whitelead	kilogram	0.860	Rs.129.17	(0850)	111.08
	Double boiled linseed oil	litre	0.610	Rs.186.14	(0818)	113.55
	Carriage of materials	1 time	0.200	Rs.1.80	(9999)	0.36
	Putty	1 time	1.050	Rs.1.80	(9999)	1.89
	Labour:					
	Painter	per day	0.270	Rs.323.00	(0131)	87.21
	Coolie	per day	0.270	Rs.265.00	(0115)	71.55
	Brushes, sand papers etc.	1 time	2.050	Rs.1.80	(9999)	3.69
	Sundires	1 time	4.150	Rs.1.80	(9999)	7.47
	Total					396.80
	Add for water charges @ 1 %					3.97
	Total					400.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					56.31
	Total					457.08 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					68.56
	Cost of 10 sqm					525.64

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	oosi or 1 sqm					52.56
	Add labour cess @ 1%					0.53
	Rate including labour cess					53.09
			Say	**Rs.53.10**	**per sqm**	
13.82B	**Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacture's specifications including appropriate priming coat, preparation of surface, etc. complete.**					
13.82B.1	**On steel work**					
	Details of cost for 10 sqm					
	Priming coat					
	Materials:					
	Primer	litre	0.750	Rs.54.91	(0821)	41.18
	Putty	1 time	1.050	Rs.1.80	(9999)	1.89
	Carriage	1 time	0.150	Rs.1.80	(9999)	0.27
	Labour:					
	Painter	per day	0.250	Rs.323.00	(0131)	80.75
	Beldar	per day	0.250	Rs.254.00	(0114)	63.50
	Brushes, sand paper etc.	1 time	2.100	Rs.1.80	(9999)	3.78
	Sundries	1 time	4.100	Rs.1.80	(9999)	7.38
	Epoxy painting					
	Materials:					
	Paint (Epoxy)	litre	1.250	Rs.206.66	(7239)	258.33
	Carriage of material	1 time	0.550	Rs.1.80	(9999)	0.99
	Labour:					
	Painter	per day	0.540	Rs.323.00	(0131)	174.42
	Beldar	per day	0.540	Rs.254.00	(0114)	137.16
	Putty.Brushes.sand paper etc.	1 time	2.600	Rs.1.80	(9999)	4.68
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	Add for water charges @ 1 %					7.80
	Total					787.71 (X)
	Add GST 12% on "X"(multiplying factor 0.1405)					110.67
	Total					898.39 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					134.76
	Cost of 10 sqm					1033.15
	Cost of 1 sqm					103.31
	Add labour cess @ 1%					1.03
	Rate including labour cess					104.34
			Say	**Rs.104.30**	**per sqm**	
13.828.2	**On concrete work**					
	Details of cost for 10 sqm					
	Priming coat					
	Materials:					
	Primer	litre	0.840	Rs.54.91	(0821)	46.13
	Putty	1 time	5.200	Rs.1.80	(9999)	9.36
	Carriage	1 time	0.200	Rs.1.80	(9999)	0.36
	Labour:					
	Painter	per day	0.250	Rs.323.00	(013.1)	80.75
	Beidar	per day	0.250	Rs.254.00	(0114)	63.50
	Brushes, sand dpaper etc.	1 time	1.050	Rs.1.80	(9999)	1.89
	Sundries .	1 time	3.100	Rs.1.80	(9999)	5.58

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Expoxy Painting					
	Materials :					
	Paint (Epoxy)	litre	1.210	Rs.206.66	(7239)	250.06
	Material forfilliong holes and cracks	1 time	2.600	Rs.1.80	(9999)	4.68
	Carriage of material	1 time	0.550	Rs.1.80	.(9999)	0.99
	Labour:					
	Painter	per day	0.540	Rs.323.00	(0131)	174.42
	Coolie	per day	0.540	Rs.265.00	(0115)	143.10
	Putty, Brushes, sand paper etc.	1 time	4.150	Rs.1.80	(9999)	7.47
	Sundries	1 time	2.600	Rs.1.80	(9999)	4.68
	Total					792.97
	Add for water charges @ 1 %					7.93
	Total					800.90 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					112.53
	Total					913.43 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					137.01
	Cost of 10 sqm					1050.44
	Cost of 1 sqm					105.04
	Add labour cess @ 1%					1.05
	Rate including labour cess					106.09
			Say	**Rs.106.10**	**per sqm**	
13.83	**Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:**					
13.83.1	**New work (two or more coats) including a coat of approved steel primer but excluding a coat off mordant solution**					
	Details of cost for 10 sqm					
	Materials:					
	Steep primer	litre	0.360	Rs.81.90	(4202)	29.49
	Carriage	1 time	0.150	Rs.1.80	(9999)	0.27
	Labour:					
	Painter	per day	0.120	Rs.323.00	(0131)	38.76
	Beidar	per day	0.120	Rs.254.00	(0114)	30.48
	Sundries, brushes etc.	1 time	2.750	Rs.1.80	(9999)	4.95
	Synthetic painting					
	Materials:					
	Synthetic enamel paint	litre	0.800	Rs.129.17	(0834)	103.33
	Carriage	1 time	0.550	Rs.1.80	(9999)	0.99
	Labour:					0.00
	Painter	per day	0.540	Rs.323.00	(0131)	174.42
	Coolie	per day	0.540	Rs.265.00	(0115)	143.10
	Putty,brushes snad paper etc.	1 time	2.600	Rs.1.80	(9999)	4.68
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	Total					536.05
	Add for water charges @ 1 %					5.36
	Total					541.41 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					76.07
	Total					617.48 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					92.62
	Cost of 10 sqm					710.10

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of I.sqm					71.01
	Add labour cess @ 1%					0.71
	Rate including labour cess					71.72
			Say	**Rs.71.70**	**per sqm**	
13.83.A	**Applying a coat of mordant paint on G.S. sheet**					
13.83.A.1	**With a solution of 38 gms of copper acetate in a litre of soft water**					
	Details of cost for 250 sqm					
	Materials:					
	Copper acetate	kilogram	0.038	Rs.60.50	(4203)	2.30
	Soft water	1 time	0.700	Rs.1.80	(9999)	1.26
	Carriage	1 time	0.350	Rs.1.80	(9999)	0.63
	Labour:					
	Painter	per day	6.000	Rs.323.00	(0131)	1938.00
	Coolie	per day	6.000	Rs.265.00	(0115)	1590.00
	Brushes, sand paper etc.	1 time	13.800	Rs.1.80	(9999)	24.84
	Sundries	1 time	13.800	Rs.1.80	(9999)	24.84
	Total					3581.87
	Add for water charges @ 1 %					35.82
	Total					3617.69 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					508.29
	Total					4125.97 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					618.90
	Cost of 250 sqm					4744.87
	Cost of 1 sqm					18.98
	Add labour cess @ 1%					0.19
	Rate including labour cess					19.17
			Say	**Rs.19.20**	**per sqm**	
13.83.A.2	**With a solution made of 13 gms hydrochloric acid in a solution of 13 gms. Each of copper chloride, sopper nitrate and ammonum dhlori.de dissoved in a litre of soft water**					
	Details of cost for 250 sqm					
	Materials:					
	Hydrochloric acid	kilogram	0.013	Rs.279.22	(4204)	3.63
	Copper chloride	kilogram	0.013	Rs.32.58	(4205)	0.42
	Copper nitrate	kilogram	0.013	Rs.260.60	(4206)	3.39
	Ammonijm	kilogram	0.013	Rs.204.76	(4207)	2.66
	Soft water	1 time	0.700	Rs.1.80	(9999)	1.26
	Carriage	1 time	0.350	Rs.1.80	(9999)	0.63
	Labour:					
	Painter	per day	6.000	Rs.323.00	(0131)	1938.00
	Coolie	per day	6.000	Rs.265.00	(0115)	1590.00
	Brushes, sand paper etc.	1 time	13.800	Rs.1.80	(9999)	24.84
	Sundries	1 time	13.800	Rs.1.80	(9999)	24.84
	Total					3589.67
	Add for water charges @ 1 %					35.90
	Total					3625.57 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					509.39
	Total					4134.96 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and over-heads @ 15% on "Y"					620.24
	Cost of 250 sqm					4755.21
	Cost of 1 sqm					19.02
	Add labour cess @ 1%					0.19
	Rate including labour cess					19.21
			Say	**Rs.19.20**	**per sqm**	
13.84	**Painting (two or more coats) on rain water, soil, waster and vent pipes and fittings with black anticorrosive bitumastic paint of appovcd brand and manufacture over and including a priming of ready mixed zinc chromate yellow primer on new brok**					
13.84:1	**50 mm diameter pipes**					
	Details of cost for 30 metres					
	Area=22/7x56.4 mmx30 m=5.32 sqm					
	Materials:					
	Zinc cnromate yellow primer	litre	0.290	Rs.81.90	(4202)	23.75
	Carriage	1 time	0.150	Rs.1.80	(9999)	0.27
	Labour:					
	Painter	per day	0.130	Rs.323.00	(0131)	41.99
	Coolie	per day	0.130	Rs.265.00	(0115)	34.45
	Brushes sand paper etc	1 time	2.200	Rs.1.80	(9999)	3.96
	Anticorrosive bituminous paint	litre	0.510	Rs.86.11	(0828)	43.92
	Carriage	1 time	0.250	Rs.1.80	(9999)	0.45
	Labour:					
	Painter	per day	0.290	Rs.323.00	(0131)	93.67
	Coolie	per day	0.290	Rs.265.00	(0115)	76.85
	Putty,sand papers etc.	1 time	1.100	Rs.1.80	(9999)	1.98
	Sundries	1 time	1.650	Rs.1.80	(9999)	2.97
	Wire Brushes for cleaning	1 time	1.050	Rs.1.80	(9999)	1.89
	Extra for delays	1 time	10.350	Rs.1.80	(9999)	18.63
	Add for v/ater charges @ 1 %					3.45
	TOTAL					348.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					48.93
	Total					397.15 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					59.57
	Cost of 30 sqm					456.72
	Cost of 1 sqm					15.22
	Add labour cess @ 1%					0.15
	Rate including labour cess					15.37
			Say	**Rs.15.40**	**per sqm**	
13.84.2	**75 mm didameter pipes**					
	Details of cost for 30 metres					
	Area=22/7x81.4 mmx30m-7.67 sqm					
	Materials:					
	Zinc chromate yellow primer	litre	0.410	Rs.81.90	(4202)	33.58
	Carriage	1 time	0.150	Rs.1.80	(9999)	0.27
	Labour:					
	Painter	per day	0.180	Rs.323.00	(0131)	58.14
	Coolie	per day	0.180	Rs.265.00	(0115)	47.70
	Brushes sanci paper etc.		3.150	Rs.1.80	(9999)	5.67
	Anticorrosive bituminous paint	litre	0.730	Rs.86.11	(0828)	62.86
	Carriage	1 time	0.400	Rs.1.80	(9999)	0.72

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Labour:						
	Painter	per day	0.410	Rs.323.00	(0131)	132.43	
	Coolie	per day	0.410	Rs.265.00	(0115)	108.65	
	Putty.sand papers etc.	1 time	1.600	Rs.1.80	(9999)	2.88	
	Sundries	1 time	2.400	Rs.1.80	(9999)	4.32	
	Wire Brushes for cleaning	1 time	1.700	Rs.1.80	(9999)	3.06	
	Extra for delays	1 time	15.500	Rs.1.80	(9999)	27.90	
	Add for water charges @ 1 %					4.88	
	TOTAL					493.06	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					69.28	
	Total					562.34	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					84.35	
	Cost of 30 sqm					646.69	
	Cost of 1 sqm					21.56	
	Add labour cess @ 1%					0.22	
	Rate including labour cess					21.78	
			Say	**Rs.21.80**	**per sqm**		
1 3.84.3	**100 mm diameter pipes**						
	Details of cost for 30 metres						
	Area=22/7x 106.4 mm x30 m =10.032 sqm						
	Materials:						
	Zince chromate yellow primer	litre	0.540	Rs.81.90	(4202)	44.23	
	Carriage	1 time	0.200	Rs.1.80	(9999)	0.36	
	Labour:						
	Painter	per day	0.240	Rs.323.00	(0131)	77.52	
	Coolie	per day	0.240	Rs.265.00	(0115)	63.60	
	Brushes sand paper etc	1 time	4.150	Rs.1.80	(9999)	7.47	
	Anticorrosive bituminous paint	litre	0.950	Rs.86.11	(0828)	81.80	
	Carriage	1 time	0.550	Rs.1.80	(9959)	0.99	
	Labour:						
	Painter	per day	0.540	Rs.323.00	(0131)	174.42	
	Coolie	per day	0.540	Rs.265.00	(0115)	143.10	
	Putty,sand papers etc.	1 time	2.050	Rs.1.80	(9999)	3.69	
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58	
	Wire Brushes for cleaning	1 time	2.050	Rs.1.80	(9999)	3.69	
	Extra for delays	1 time	23.500	Rs.1.80	(9999)	42.30	
	Add for water charges @ 1 %					6.49	
	TOTAL					655.24	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					92.06	
	Total					747.30	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					112.10	
	Cost of 30 sqm					859.40	
	Cost of 1 sqm					28.65	
	Add labour cess @ 1%					0.29	
	Rate including labour cess					28.94	
			Say	**Rs.28.90**	**per sqm**		
13.84.4	**150 mm diameter pipes**						
	Details of cost for 30 metres						
	Area=22/7x 157.2 mmx30m=14.82 sqm						
	Materials:						
	Zince chromate yellow primer	litre	0.800	Rs.81.90	(4202)	65.52	
	Labour:						

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Painter	per day	0.360	Rs.323.00	(0131)	116.28
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40
	Brushes sand paper etc	1 time	0.350	Rs.1.80	(9999)	0.63
	Carriage	1 time	6.150	Rs.1.80	(9999)	11.07
	Anticorrosive bituminours paint	litre	1.410	Rs.86.11	(0828)	121.42
	Carriage	1 time	0.800	Rs.1.80	(9999)	1.44
	Labour:					
	Painter	per day	0.800	Rs.323.00	(0131)	258.40
	Coclis	per day	0.800	Rs.265.00	(0115)	212.00
	Putty, sand papers etc.	1 time	3.100	Rs.1.80	(9999)	5.58
	Sundries	1 time	4.600	Rs.1.80	(9999)	8.28
	Wire Brushes for cleaning	1 time	2.750	Rs.1.80	(9999)	4.95
	Extra for delays	1 time	36.200	Rs.1.80	(9999)	65.16
	Add for water charges @ 1%					9.66
	TOTAL					975.79 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					137.10
	Total					1112.89 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					166.93
	Cost of 30 sqm					1279.82
	Cost of 1 sqm					42.66
	Add labour cess @ 1%					0.43
	Rate including labour cess					43.09
			Say	**Rs.43.10**	**per sqm**	
13.85	**Painting (one or more coats) on rain water, soil waste and vent pipes and fittings with black anticorrosive bitumastic paint approved brand and manufacture on old work:**					
13.85.1	50 mm diameter pipes					
	Details of cost for 30 m					
	Area=22/7x56.4 mmx30 m =5.32 sqm					
	Materials:					
	Anticorrosive bituminous paint	litre	0.300	86.11	(0828)	25.83
	Carriage	1 time	0.150	1.80	(9999)	0.27
	Labour					
	Painter	per day	0.190	323.00	(0131)	61.37
	Coolie	per day	0.190	265.00	(0115)	50.35
	Putty, sand papers etc.	1 time	1.100	1.80	(9999)	1.98
	Sundries	1 time	1.650	1.80	(9999)	2.97
	Wire Brushes for cleaning	1 time	1.050	1.80	(9999)	1.89
	Extra for delays	1 time	7.950	1.80	(9999)	14.31
	Add for water charges @ 1 %					1.59
	TOTAL					160.56 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					22.56
	Total					183.12 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					27.47
	Cost of 30 som					210.59
	Cost of 1 sqm					7.02
	Add labour cess @ 1%					0.07
	Rate including labour cess					7.09
			Say	**Rs.7.10**	**per sqm**	
13.85.2	**75mm diameter pipes**					
	Details of cost for 30 m					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Area=22/7x81.4 mm x30m=7.67 sqrn						
	Materials:						
	Anticorrosive bitumious paint	litre	0.430	86.11	(0828)	37.03	
	Carriage	1 time	0.150	1.80	(9999)	0.27	
	Labour:						
	Painter	per day	0.270	323.00	(0131)	87.21	
	Coolie	per day	0.270	265.00	(0115)	71.55	
	Putty,sand papers etc.	1 time	1.600	1.80	(9999)	2.88	
	Sundries	1 time	2.400	1.80	(9999)	4.32	
	Wire Brushes for cleaning	1 time	1.700	1.80	(9999)	3.06	
	Extra for delays	1 time	10.350	1.80	(9999)	18.63	
	Add for water charges @ 1 %					2.25	
	TOTAL					234.29	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					32.92	
	Total					267.20	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					40.08	
	Cost of 30 sqm					307.28	
	Cost of 1 sqm					10.24	
	Add labour cess @ 1%					0.10	
	Rate including labour cess					10.34	
			Say	**Rs.10.30**	**per sqm**		
13.85.3	**100 mm diameter pipes**						
	Details of cost for 30 m						
	Area=22/7x106.9 mm x30m =10.032 sqm						
	Materials:						
	Anticorrosive bituminous paint	litre	0.570	86.11	(0828)	49.08	
	Carriage	1 time	0.200	1.80	(9999)	0.36	
	Labour:						
	Painter	per day	0.360	323.00	(0131)	116.28	
	Coolie	per day	0.360	265.00	(0115)	95.40	
	Putty.sand papers etc.	1 time	2.050	1.80	(9999)	3.69	
	Sundries	1 time	3.100	1.80	(9999)	5.58	
	Wire Brushes for cleaning	1 time	2.050	1.80	(9999)	3.69	
	Extra for delays	1 time	13.100	1.80	(9999)	23.58	
	Add for water charges @ 1 %					2.98	
	TOTAL					310.98	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					43.69	
	Total					354.68	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					53.20	
	Cost of 30 metre					407.88	
	Cost of 1 metre					13.60	
	Add labour cess @ 1%					0.14	
	Rate including labour cess					13.74	
			Say	**Rs.13.70**	**per metre**		
13.85.4	**150 mm diameter pipes**						
	Details of cost for 30 m						
	Area=22/7x157.2 mm x30m=14.82.sqm						
	Materials: Anticorrosive bituminous paint	litre	0.850	86.11	(0828)	73.19	
	Carriage	1 time	0.250	1.80	(9999)	0.45	
	Labour:						
	Painter	per day	0.530	323.00	(0131)	171.19	
	Coolie	per day	0.530	265.00	(0115)	140.45	
	P.utty.sand papers etc.	1 time	3.100	1.80	(99 99)	5.58	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Sundries	1 time	4.600	1.80	(9999)	8.28
	Wire Brushes for cleaning	1 time	2.750	1.80	(9999)	4.95
	Extra for delays	1 time	15.500	1.80	(9999)	27.90
	Add for water charges @ 1 %					4.32
	TOTAL					450.19 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					63.25
	Total					513.44 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					77.02
	Cost of 30 metre					590.46
	Cost of 1 metre					19.68
	Add labour cess @ 1%					0.20
	Rate including labour cess					19.88
			Say	**Rs.19.90**	**per metre**	
13.86	**Painting (two or more coats) on rain water, soiil, waste and vent pipes and fittings with synthetic enamel paint ot approved brand and manufacture and required colour over a priming ccat of ready mixed zinc chromat yellow primer on new work.**					
13.86.1	**50 mm diameter pipes**					
	Details of cost for 30 metres					
	Area=22/7x55.4 mm x30 m=5.32 sqm					
	Materials:					
	Zince chromate yellow primer	litre	0.290	81.90	(4202)	23.75
	Carriage	1 lime	0.150	1.80	(9999)	0.27
	Labour:					
	Painter	per day	0.130	323.00	(0131)	41.99
	Coolie	per day	0.130	265.00	(0115)	34.45
	Sundries	1 time	2.200	1.80	(9999)	3.96
	Aluminium paini	litre	0.430	111.94	(0826)	48.14
	Carriage	1 time	0.250	1.80	(9999)	0.45
	Putty, sand papers etc.	1 time	1.100	1.80	(9999)	1.98
	Labour:					
	Painter	per day	0.290	323.00	(0131)	93.67
	Coolie	per day	0.290	265.00	(0115)	76.85
	Sundries	1 time	1.450	1.80	(9999)	2.61
	Wire Brushes for cleaning	1 time	2.500	1.80	(9999)	4.50
	Extra for delays	1 time	14.150	1.80	(9999)	25.47
	total					358.09
	Add for water charges @ 1 %					3.58
	TOTAL					696.00 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					97.79
	Total					793.79 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					119.07
	Cost of 30 metre					912.86
	Cost of 1 metre					30.43
	Add labour cess @ 1%					0.30
	Rate including labour cess					30.73
			Say	**Rs.30.70**	**per metre**	
13.86.2	**75 mm diameter pipes**					
	Details of cost for 30 metres					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Area=22/7x81.4 mm x30 m=7.67 sqm					
	Materials:					
	Zinc chromate yellow.primer	litre	0.410	81.90	(4202)	33.58
	Carriage	1 time	0.150	1.80	(9999)	0.27
	Labour:					
	Painter	per day	0.180	323.00	(0131)	58.14
	Coolie	per day	0.180	265.00	(0115)	47.70
	Sundries	1 time	3.150	1.80	(9999)	5.67
	Aluminium paint	litre	0.610	111.94	(0826)	68.29
	Carriage	1 time	0.400	1.80	(9999)	0.72
	Putty,sand papers etc.	1 time	1.600	1.80	(9999)	2.88
	Labour					
	Painter.	per day	0.410	323.00	(0131)	132.43
	Coolie	per day	0.410	265.00	(0115)	108.65
	Sundries	1 time	2.000	1.80	(9999)	3.60
	Wire Brushes for cleaning	1 lime	3.500	1.80	(9999)	6.30
	Extra for delays	1 time	17.250	1.80	(9999)	31.05
	total					499.28
	Add for water charges @ 1 %					4.99
	TOTAL					969.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					136.28
	Total					1106.24 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					165.94
	Cost of 30 metre					1272.18
	Cost of 1 metre					42.41
	Add labour cess @ 1%					0.42
	Rate including labour cess					42.83
			Say	**Rs.42.80**	**per metre**	
13.86.3	**100 mm diameter pipes**					
	Details of cost for 30 metres					
	Area=22/7x 106.4 mm x30 m=10.023 sqm					
	Materials:					
	Zinc chromate yellow primer	litre	0.540	81.90	(4202)	44.23
	Carriage	1 time	0.200	1.80	(9999)	0.36
	Labour:					
	Painter	per day	0.240	323.00	(0131)	77.52
	Coolie	per day	0.240	265.00	(0115)	63.60
	Sundries	1 time	4.150	1.80	(9999)	7.47
	Aluminium paint	litre	0.800	111.94	(0826)	89.55
	Carriage	1 time	0.550	1.80	(9999)	0.99
	Putty,sand papers etc.	1 time	2.050	1.80	(9999)	3.69
	Labour:					
	Painter	per day	0.540	323.00	(0131)	174.42
	Coolie	per day	0.540	265.00	(0115)	143.10
	Sundries	1 time	2.600	1.80	(9999)	4.68
	Wire Brushes for cleaning	1 time	4.600	1.80	(9999)	8.28
	Extra for delays	1 time	25.550	1.80	(9999)	45.99
	total					663.88
	Add for water charges @ 1 %					6.64
	TOTAL					1290.18 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					181.27
	Total					1471.45 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					220.72

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 30 metre					1692.16
	Cost of 1 metre					56.41
	Add labour cess @ 1%					0.56
	Rate including labour cess					56.97
			Say	**Rs.57.00**	**per metre**	
13.86.4	**150 mm diameter pipes**					
	Details of cost for 30 metres					
	Area=22/7x 157.2 mm x30 m= 14.82 sqm					
	Materials:					
	Zinc chromate yellow primer	litre	0.800	81.90	(4202)	65.52
	Carriage	1 time	0.250	1.80	(9999)	0.45
	Labour:					
	Painter	per day	0.360	323.00	(0131)	116.28
	Coolie	per day	0.360	265.00	(0115)	95.40
	Sundries	1 time	6.150	1.80	(9999)	11.07
	Aluminium paint	litre	1.190	111.94	(08 26)	133.21
	Carriage	1 time	0.800	1.80	(9999)	1.44
	Putty.sand papers brushes etc.	1 time	3.050	1.80	(9999)	5.49
	Labour:					
	Painter	per day	0.800	323.00	(0131)	258.40
	Coolie	per day	0.800	265.00	(0115)	212.00
	Sundries	1 time	3.850	1.80	(9999)	6.93
	Wire Brushes for cleaning	1 time	6.850	1.80	(9999)	12.33
	Extra for dejsys.	1 time	39.000	1.80	(9999)	70.20
	total					988.73
	Add for water charges @ 1 %					9.89
	TOTAL					1921.82 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					270.02
	Total					2191.83 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					328.77
	Cost of 30 metre					2520.60
	Cost of 1 metre					84.02
	Add labour cess @ 1%					0.84
	Rate including labour cess					84.86
			Say	**Rs.84.90**	**per metre**	
13.87	**Painting (one more coats) on rain water, soil, wahste and vent pipes and filings with synthetic enamel paint approved brand and manufacture and required colour on old work:**					
13.87.1	**50 mm diameter pipes**					
	Details of cost for 3P m					
	Area=22/7x56.4 mmx30m=5.32sqm					
	Materials:					
	Aluminium paint	litre	0.240	111.94	(0826)	26.87
	Putty,sand papers etc.	1 time	0.150	1.80	(9999)	0.27
	Carriage	1 time	0.550	1.80	(9999)	0.99
	Labour:					
	Painter	per day	0.190	323.00	(0131)	61.37
	Cooiie	per day	0.190	265.00	(0115)	50.35
	Putty.sand papers brushes etc.	1 time	1.100	1.80	(9999)	1.98
	Sundries	1 time	1.650	1.80	(9999)	2.97
	Wire Brushes for cleaning	1 time	1.050	1.80	(9999)	1.89
	Extra for delays	1 time	7.950	1.80	(9999)	14.31

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	total					161.00
	Add for water charges @ 1 %					1.61
	TOTAL					323.60 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					45.47
	Total					369.07 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					55.36
	Cost of 30 metre					424.43
	Cost of 1 metre					14.15
	Add labour cess @ 1%					0.14
	Rate including labour cess					14.29
			Say	**Rs.14.30**	**per metre**	
13.87.2	**75 mm diameter pipes**					
	Detail's of cost for 30 m					
	Area=22/7x81.4 mmx30m=7.67 sqm					
	Materials:					
	Aluminium paint	litre	0.350	111.94	(0826)	39.18
	Putty.sand papers etc.	1 time	0.150	1.80	(9999)	0.27
	Carriage	1 time	0.800	1.80	(9999)	1.44
	Labour					
	Painter	per day	0.280	323.00	(0131)	90.44
	Coole	per day	0.280	265.00	(0115)	74.20
	Putty.sand papers etc.	1 time	1.600	1.80	(9999)	2.88
	Sundries	lie	2.400	1.80	(9999)	4.32
	Wire Brushes for cleaning	1 time	1.700	1.80	(9999)	3.06
	Extra for delays	1 time	10.350	1.80	(9999)	18.63
	total					234.42
	Add for water charges @ 1 %					2.34
	TOTAL					471.18 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					66.20
	Total					537.39 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					80.61
	Cost of 30 metre					617.99
	Cost of 1 metre					20.60
	Add labour cess @ 1%					0.21
	Rate including labour cess					20.81
			Say	**Rs.20.80**	**per metre**	
13.87.3	**100 mm diameter pipes**					
	Details of cost for 30 m					
	Area=22/7x106.4 mmx30 m = 10.032 sqm					
	Materials:					
	Aluminium paint	litre	0.460	Rs.111.94	(0826)	51.49
	Putty,sand papers etc.	1 ti.MO	0.200	Rs.1.80	(9999)	0.36
	Carriage	1 time	1.050	Rs.1.80	(9999)	1.89
	Labour:					
	Painter	per day	0.360	Rs.323.00	(0131)	116.28
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40
	Putty.sand papers brushes etc.	1 time	2.050	Rs.1.80	(9999)	3.69
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	Wire Brushes for cleaning	1 time	2.050	Rs.1.80	(9999)	3.69
	Extra for delays	1 time	13.100	Rs.1.80	(9999)	23.58
	total					301.96

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for water charges @ 1 %					3.02
	TOTAL					606.95 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					85.28
	Total					692.22 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					103.83
	Cost of 30 metre					796.06
	Cost of 1 metre					26.54
	Add labour cess @ 1%					0.27
	Rate including labour cess					26.81
			Say	**Rs.26.80**	**per metre**	
13.87.4	**150 mm diameter pipes**					
	Details of cost for 30 m					
	Area=22/7x 157.2 mm x30m=14.82 sqm					
	Materials:					
	Aluminium paint	litre	0.680	111.94	(0826)	76.12
	Putty.sand papers brushes etc.	1 time	0.250	1.80	(9999)	0.45
	Carriage	1 time	1.500	1.80	(9999)	2.70
	Labour:					
	Painter	per day	0.530	323.00	(0131)	171.19
	Coolie	per day	0.530	265.00	(0115)	140.45
	Putty.sand papers brushes etc,	1 time	3.050	1.80	(9999)	5.49
	Sundries	1 time	4.600	1.80	(9999)	8.28
	Wire Brushes for cleaning	1 time	2.750	1.80	(99S9)	4.95
	Extra for delays	1 time	15.500	1.80	(9999)	27.90
	total					437.53
	Add for water charges @ 1 %					4.38
	TOTAL					879.44 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					123.56
	Total					1003.00 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					150.45
	Cost of 30 metre					1153.45
	Cost of 1 metre					38.45
	Add labour cess @ 1%					0.38
	Rate including labour cess					38.83
			Say	**Rs.38.80**	**per metre**	
13.88 .	**Painting with oil type wood preservative of aproved brand and manufacture:**					
13.88.1	**New work (two or more coats)**					
	Details of cost for 10 sqm					
	Materials:					
	Oil type wood preservative	litre	1.000	130.30	(0859)	130.30
	Labour:					
	Painter	per day	0.150	323.00	(0131)	48.45
	Coolie	per day	0.150	265.00	(0115)	39.75
	Carriage	LS	0.520	1.80	(9999)	0.94
	Brushes etc	LS	4.160	1.80	(9999)	7.49
	Sundries	LS	3.900	1.80	(9999)	7.02
	total					233.95
	Add for water charges @ 1 %					2.34
	TOTAL					509.06 (X)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add GST 12% on "X" (multiplying factor 0.1405)					71.52
	Total					580.58 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					87.09
	Cost of 30 metre					667.67
	Costof 1 sqm					66.77
	Add labour cess @ 1%					0.67
	Rate including labour cess					67.44
			Say	**Rs.67.40**	**per sqm**	
13.88.2	**Old work(one or more coats)**					
	Details of cost for 10 sqm					
	Materials:					
	Oil type wood preservative	litre	0.810	130.30	(0859)	105.54
	Labour:					
	Painter	per day	0.110	323.00	(0131)	35.53
	Coolie	per day	0.110	265.00	(0H5)	29.15
	Carriage	1 time	0.200	1.80	(9999)	0.36
	Brushes etc.	1 time	1.050	1.80	(9999)	1.89
	Sundries	1 time	1.050	1.80	(9999)	1.89
	total					174.36
	Add for water charges @ 1 %					1.74
	TOTAL					485.35 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					68.19
	Total					553.54 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					83.03
	Cost of 10metre					636.57
	Cost of 1 sqm					63.66
	Add labour cess @ 1%					0.64
	Rate including labour cess					64.30
			Say	**Rs.64.30**	**per sqm**	
13.88A	**Providing and applying two coats of fire retardent paint FR 881 unthinned on cleaned wood/ply surface @ 3.5 sqm per litre per coat inncluding preparation of base surface as per recommendationnns of fmanufacturer to make the surface fire retardent.**					
	Details of cost for 10 sqm					
	Materials:					
	Paint (Fire retardant)	litre	5.700	231.64	(7240)	1320.33
	Carriage of material	1 time	0.550	1.80	(9999)	0.99
	Labour:					
	Painter	per day	0.540	323.00	(0131)	174.42
	Beldar	per day	0.540	254.00	(0114)	137.16
	Putty,Brushes,sand paper etc.	1 time	2.600	1.80	(9999)	4.68
	Sundries	1 time	3.100	1.80	(9999)	5.58
	total					1643.16
	Add for water charges @ 1 %					16.43
	TOTAL					3431.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					482.10
	Total					3913.44 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					587.02
	Cost of 10metre					4500.46
	Cost of 1 sqm					450.05
	Add labour cess @ 1%					4.50
	Rate including labour cess					454.55
			Say	**Rs.454.50**	**per sqm**	
13.89	**Coaltarring two coats on new work using 0.16 and 0.12 litre coat sqm in the first coat and second coat respectively.**					
	Details of cost of 10 sqm	.				
	Materials:	1 time	0.550	1.80	(9999)	0.99
	Lime	litre	2.800	27.92	(0324)	78.18
	Coal tar	1 time	0.550	1.80	(9999)	0.99
	Carriage of materials	litre	0.500	41.88	(0771)	20.94
	Kerosene oil					
	Labour:	per day	0.430	254.00	(0114)	109.22
	Beldar	1 time	2.050	1.80	'(9999)	3.69
	Brushes etc.	1 time	2.050	1.80	(9999)	3.69
	Sundires (five wood etc.)					2.18
	total					219.88
	Add for water charges @ 1 %					2.20
	TOTAL					222.08 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					31.20
	Total					253.28 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					37.99
	Cost of 10metre					291.27
	Cost of 1 sqm					29.13
	Add labour cess @ 1%					2.91
	Rate including labour cess					32.04
			Say	**Rs.32.00**	**per sqm**	
13 92	**Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:**					
13.92.1	**Two or more coats on new work**					
	Details of cost for 10 sqm					
	Materials:					
	Plastic emulsion paint	litre	1.210	Rs.172.22	(0835)	208.39
	Materials for filling in holes and cracks{putty etc.)	1 time	2.600	Rs.1.80	(9999)	4.68
	Carriage	1 time	0.550	Rs.1.80	(9999)	0.99
	Labour:					
	painter	per day	0.540	Rs.323.00	(0131)	174.42
	Coolie	per day	0.540	Rs.265.00	(0115)	143.10
	Brushes, sand jpaper etc.	1 time	4.150	Rs.1.80	(9999)	7.47
	Sundries	1 time	2.600	Rs.1.80	(9999)	4.68
	total					543.73
	Add for water charges @ 1 %					5.44
	TOTAL					549.16 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					77.16
	Total					626.32 (Y)

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for contractor's profit and overheads @ 15% on "Y"					93.95
	Cost of 10metre					720.27
	Cost of 1 sqm					72.03
	Add labour cess @ 1%					0.72
	Rate including labour cess					72.75
			Say	**Rs.72.75**	**per sqm**	
13.92.2	**One or more coats on old work**					
	Details of cost for 10 sqm					
	Materials:					
	Plastic emulsion paint	litre	0.73	172.22	(0835)	125.72
	Materials for filling in holes and cracks (putty etc.)	1 time	2.05	1.80	(9999)	3.69
	Carriage	1 time	0.20	1.80	(9999)	0.36
	Labour:					
	Painter	per day	0.36	323.00	(0131)	116.28
	Coolie	per day	0.36	265.00	(0115)	95.40
	Brushes, sand paper etc.	1 time	3.10	1.80	(9999)	5.58
	Sundries	1 time	2.60	1.80	(9999)	4.68
	total					351.71
	Add for water charges @ 1 %					3.52
	TOTAL					355.23 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					49.91
	Total					405.14 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					60.77
	Cost of 10metre					465.91
	Cost of 1 sqm					46.59
	Add labour cess @ 1%					0.47
	Rate including labour cess					47.06
			Say	**Rs.47.10**	**per sqm**	
13.93	**Painting with synthetic enamel paint of approved brand and manufacture to. give an even shade:**					
13.93.1	**Two or more coats on new work**					
	Details of cost for 10 sqm					
	Materials:					
	Enamel paint	litre	1.160	146.39	(0833)	169.81
	Materials for filling in holes and cracks (putty etc.)	LS	5.330	1.80	(9999)	9.59
	Carriage	LS	1.430	1.80	(9999)	2.57
	Labour:					
	Painter	per day	0.540	323.00	(0131)	174.42
	Coolie	per day	0.540	265.00	(0115)	143.10
	Brushes, sand paper etc.	LS	6.760	1.80	(9999)	12.17
	Sundries	LS	8.060	1.80	(9999)	14.51
	Add for water charges @ 1%					5.26
	Total					531.44 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					74.67
	Total					606.10 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					90.92
	Cost of 10 sqm					697.02
	Cost of 1 sqm					69.70
	Add labour cess @ 1%					0.70

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Rate including labour cess					70.40
			Say	**Rs.70.40**	**per sqm**	
13.93.2	**One or more coats on old work.**					
	Details of cost for 10 sqm					
	Materials:					
	Enamel paint	litre	0.610	Rs.146.39	(0833)	89.30
	Materials for filling in holes and cracks(putty etc.)	1 time	0.520	Rs.1.80	(9999)	0.94
	Carriage	1 time	5.330	Rs.1.80	(9999)	9.59
	Labour:					
	Painter	per day	0.360	Rs.323.00	(0131)	116.28
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40
	Brushes, sand paper etc.	1 time	6.760	Rs.1.80	(9999)	12.17
	Sundries	1 time	8.060	Rs.1.80	(9999)	14.51
	Atid for water charges @ 1 %					3.38
	Total					341.56 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					47.99
	Total					389.55 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					58.43
	Cost of 10 sqm					447.99
	Cost of 1 sqm					44.80
	Add labour cess @ 1%					0.45
	Rate including labour cess					45.25
			Say	**Rs.45.20**	**per sqm**	
13.94-1	**Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:**					
13.94.1	**Two or more coat;; on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture Details of cost for 10 sqm**					
	Materials:					
	Primer	litre	0.750	Rs.79.11	(0823)	59.33
	Putty	1 time	1.050	Rs.1.80	(9999)	1.89
	Carriage	1 time	0.150	Rs.1.80	(9999)	0.27
	Labour:					
	Painter	per day	0.250	Rs.323.00	(0131)	80.75
	Coolie	per day	0.250	Rs.265.00	(0115)	66.25
	Brushes, sand papers etc.	1 time	2.050	Rs.1.80	(9999)	3.69
	Sundries	1 time	4.150	Rs.1.80	(9999)	7.47
	Enamel pi<int	litre	1.160	Rs.146.39	(0833)	169.81
	Carriage of paint and material	1 time	0.550	Rs.1.80	(9999)	0.99
	Labour:					
	Painter	per day	0.540	Rs.323.00	(0131)	174.42
	Coolie	per day	0.540	Rs.265.00	(0115)	143.10
	Brushes, sand papers etc.	1 time	2.600	Rs.1.80	(9999)	4.68
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	Add for water charges @ 1 %					7.18
	Total					725.42 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					101.92
	Total					827.34 (Y)
	Add for contractor's profit and over-heads @ 15% on "Y"					124.10
	Cost of 10 sqrn					951.44

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 sqm					95.14
	Add labour cess @ 1%					0.95
	Rate including labour cess					96.09
			Say	**Rs.96.10**	**per sqm**	
13.95	**Painting with aluminium paint of approved and manufacture to give an even shade.**					
13.95.1	**Two or more coats on new work**					
	Details of cost for 10 sqm					
	Materials:					
	Aluminium paint	litre	0.800	Rs.111.94	(0826)	89.55
	Carriage of pant	1 time	0.550	Rs.1.80	(9999)	0.99
	Putty etc.	1 time	2.050	Rs.1.80	(9999)	3.69
	Labour:					
	Painter	per day	0.540	Rs.323.00	(0131)	174.42
	Coolie	per day	0.540	Rs.265.00	(0115)	143.10
	Brushes sand papers etc.	1 time	2.600	Rs.1.80	(9999)	4.68
	Sundries	1 time	4.600	Rs.1.80	(9999)	8.28
	total					424.71
	Add for water charges @ 1 %					4.25
	TOTAL					949.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					133.44
	Total					1083.21 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					162.48
	Cost of 10metre					1245.69
	Cost of 1 sqm					124.57
	Add labour cess @ 1%					1.25
	Rate including labour cess					125.82
			Say	**Rs.125.80**	**per sqm**	
13.95.2	**One or more coats on old work.**					
	Details of cost for 10 sqm					
	Materials:					
	Aluminium paint	litre	0.460	Rs.111.94	(0826)	51.49
	Carriage of paint	1 time	0.200	Rs.1.80	(9999)	0.36
	Putty etc.	1 time	1.050	Rs.1.80	(9999)	1.89
	Labour:					
	Painter	per day	0.360	Rs.323.00	(0131)	116.28
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40
	Brushes sand papers setc.	1 time	2.050	Rs.1.80	(9999)	3.69
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	total					274.69
	Add for water charges @ 1 %					2.75
	TOTAL					679.20 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					95.43
	Total					774.63 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					116.19
	Cost of 10metre					890.83
	Cost of 1 sqm					89.08
	Add labour cess @ 1%					0.89
	Rate including labour cess					89.97
			Say	**Rs.90.00**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
13.96	**Painting with add proof paint of approved brand and manufactaure of required colour to give an even shade:**					
13.96.1	**Two or more coats on new work.**					
	Details of cost for 10 sqm					
	Acid proof paint	litre	1.160	193.75	(0827)	224.75
	Carriage of paint	1 time	0.550	1.80	(9999)	0.99
	Putty etc.	1 time	2.050	1.80	(9999)	3.69
	Labour:					
	Painter	per day	0.540	323.00	(0131)	174.42
	Coolie	per day	0.540	265.00	(0115)	143.10
	Brushes sand papers etc.	1 time	2.600	1.80	(9999)	4.68
	Sundries .	1 time	3.100	1.80	(9999)	5.58
	total					557.21
	Add for water charges @ 1 %					5.57
	TOTAL					1209.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					170.00
	Total					1379.96 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					206.99
	Cost of 10metre					1586.95
	Cost of 1 sqm					158.70
	Add labour cess @ 1%					1.59
	Rate including labour cess					160.29
			Say	**Rs.160.30**	**per sqm**	
13.96.2	**One or more coats on old work.**					
	Details of cost for 10 sqm					
	Materials:					
	Acid proof paint	litre	0.700	193.75	(0827)	135.62
	Carriage of paint	1 time	0.200	1.80	(9999)	0.36
	Putty etc.	1 time	1.050	1.80	(9999)	1.89
	Labour:					
	Painter	per day	0.360	323.00	(0131)	116.28
	Coolie	per day	0.360	265.00	(0115)	95.40
	Brushes sand papers etc.	1 time	2.050	1.80	(9999)	3.69
	Sundries	1 time	3.100	1.80	(9999)	5.58
	total					358.82
	Add for water charges @ 1 %					3.59
	TOTAL					883.11 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					124.08
	Total					1007.19 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					151.08
	Cost of 10metre					1158.27
	Cost of 1 sqm					115.83
	Add labour cess @ 1%					1.16
	Rate including labour cess					116.99
			Say	**Rs.117.00**	**per sqm**	
13.97	**Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade:**					
13.97.1	**Two or more coats on new work**					
	Details of cost for 10 sqm					

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Materials:						
	Black anticorrosive bitumastic paint	litre	0.950	86.11	(0828)	81.80	
	Carriage	1 time	0.550	1.80	(9999)	0.99	
	Labour:						
	Painter	per day	0.540	323.00	(0131)	174.42	
	Coolie	per day	0.540	265.00	(0115)	143.10	
	Brushes sand papers etc.	1 time	2.050	1.80	(9999)	3.69	
	Sundries	1 time	3.100	1.80	(9999)	5.58	
	Add for water charges @ 1 %					4.10	
	Total					413.68	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					58.12	
	Total					471.80	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					70.77	
	Cost of 10sqn					542.57	
	Cost of 1 sqm					54.26	
	Add labour cess @ 1%					0.54	
	Rate including labour cess					54.80	
			Say	**Rs.54.80**	**per sqm**		
13.97.2	**One or more coats on old work.**						
	Details of cost for 10 sqm						
	Materials:						
	Black anticorrosive bilurnastic paint	litre	0.570	Rs.86.11	(0828)	49.08	
	Carriage	1 time	0.200	Rs.1.80	(9999)	0.36	
	Labour:						
	Painter	per day	0.360	Rs.323.00	(0131)	116.28	
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40	
	Brushes sand dpapers etc.	1 time	2.050	Rs.1.80	(9999)	3.69	
	Sundries	1 time	3.100	Rs.1.80	(9939)	5.58	
	total					270.39	
	Add for water charges @ 1 %					2.70	
	TOTAL					598.83	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					84.14	
	Total					682.96	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					102.44	
	Cost of 10metre					785.41	
	Cost of 1 sqm					78.54	
	Add labour cess @ 1%					0.79	
	Rate including labour cess					79.33	
			Say	**Rs.79.30**	**per sqm**		
13.98	**Floor paintino with floor enamel panit of approved brand and manufacture of required colour to give an. even shade:**						
13.98.1	**Two or more coats on new work.**						
	Derails of cost for 10 sqm						
	Materials:						
	Floor enamel paint in all shades	litre	1.480	Rs.105.05	(0831)	155.48	
	Carriage	1 time	0.550	Rs.1.80	(9999)	0.99	
	Putty etc.	1 time	2.050	Rs.1.80	(9999)	3.69	
	Labour:						
	painter	per day	0.540	Rs.323.00	(0131)	174.42	
	Cooiie	per day	0.540	Rs.265.00	(0115)	143.10	
	Brushes sand papers etc.	1 time	2.600	Rs.1.80	(9999)	4.68	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	total					487.94
	Add for water charges @ 1 %					4.88
	TOTAL					1060.09 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					148.94
	Total					1209.03 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					181.36
	Cost of 10metre					1390.39
	Cost of 1 sqm					139.04
	Add labour cess @ 1%					1.39
	Rate including labour cess					140.43
			Say	**Rs.140.40**	**per sqm**	
13.98.2	**One or more coats on ole work.**					
	Details of cost for 10 sqm					
	Materials:					
	Floor enamel paint in all shades	litre	0.900	Rs.105.05	(0831)	94.55
	Carriage	1 time	0.200	Rs.1.80	(9999)	0.36
	Putty etc.	1 time	1.050	Rs.1.80	(9999)	1.89
	Labour:					
	Painter	per day	0.360	Rs.323.00	.(0131)	116.28
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40
	Brushes sand papers etc.	1 time	2.050	Rs.1.80	(9999)	3.69
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	total					317.75
	Add for water charges @ 1 %					3.18
	TOTAL					780.49 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					109.66
	Total					890.15 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					133.52
	Cost of 10metre					1023.68
	Cost of 1 sqm					102.37
	Add labour cess @ 1%					1.02
	Rate including labour cess					103.39
			Say	**Rs.103.40**	**per sqm**	
13.100	**Varnishing with varnish of approved brand and manufacture:**					
13.100.1	**Two or more coats of glue sizing with copal varnish over an under coat of flatting varnish. Details of cost for 10 sqm**					
	Materials: .					
	Under coat flatting varnish	litre	0.700	Rs.77.50	(0856)	54.25
	Glue for sizing	kilogram	0.070	Rs.65.15	(0763)	4.56
	Copal varnish	litre	1.160	Rs.111.94	(0857)	129.85
	Carriage	1 time	0.550	Rs.1.80	(9999)	0.99
	Putty for repair to holes etc.	1 time	2.050	Rs.1.80	(9999)	3.69
	Labour:					
	Painter (0.36+0.54=0.90)	per day	0.900	Rs.323.00	(0131)	290.70
	Coolie(0.36+0.54=0.90	per day	0.900	Rs.265.00	(0115)	238.50

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Brushes sand papers etc.	1 time	2.600	Rs.1.80	(9999)	4.68	
	Sundries	1 time	2.750	Rs.1.80	(9999)	4.95	
	total					732.17	
	Add for water charges @ 1 %					7.32	
	TOTAL					1471.67	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					206.77	
	Total					1678.44	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					251.77	
	Cost of 10metre					1930.21	
	Cost of 1 sqm					193.02	
	Add labour cess @ 1%					1.93	
	Rate including labour cess					194.95	
			Say	**Rs.195.00**	**per sqm**		
13.100.3	**One or more coats with copa! varnish.**						
	Details of cost for 10 sqm						
	Materials:						
	Superior copal varnish	litre	0.700	Rs.111.94	(0857)	78.36	
	Carriage	1 time	0.200	Rs.1.80	(9999)	0.36	
	Repair to the surface	1 time	1.050	Rs.1.80	(9999)	1.89	
	Labour:						
	Painter	pee day	0.360	Rs.323.00	(0131)	116.28	
	Coolie	per day	0.360	Rs.265.00	(0115)	95.40	
	Brushes sand papers etc.	1 time	2.050	Rs.1.80	(9999)	3.69	
	Sundries	1 time	1.050	Rs.1.80	(9999)	1.89	
	total					297.87	
	Add for water charges @ 1 %					2.98	
	TOTAL					795.60	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					111.78	
	Total					907.38	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					136.11	
	Cost of 10metre					1043.49	
	Cost of 1 sqm					104.35	
	Add labour cess @ 1%					1.04	
	Rate including labour cess					105.39	
			Say	**Rs.105.40**	**per sqm**		
13.100.4	**Two more coats glue sizing with spar varnish or an under coat of flatting varnish.**						
	Details of cost for 10 sqm						
	Materials:						
	Glue	kilogram	0.070	65.15	(0763)	4.56	
	Ordinary varnish	litre	0.700	77.50	(0856)	54.25	
	Superior spar varnish	litre	1.250	111.94	(0858)	139.93	
	Carnage	1 time	0.550	1.80	(9999)	0.99	
	Reoairs etc.	1 time	1.050	1.80	(9999)	1.89	
	Labour:						
	Painter(0.54+0.36=0.90)	per day	0.900	323.00	(0131)	290.70	
	Coolie (0.54+0.36=0.90)	per day	0.900	265.00	(0115)	238.50	
	Brushes sand papers etc.	1 time	2.600	1.80	(9999)	4.68	
	Sundries	1 time	2.750	1.80	(9999)	4.95	
	total					740.45	
	Add for water charges @ 1 %					7.40	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	TOTAL					1488.30 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					209.11
	Total					1697.41 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					254.61
	Cost of 10metre					1952.02
	Cost of 1 sqm					195.20
	Add labour cess @ 1%					1.95
	Rate including labour cess					197.15
			Say	**Rs.197.20**	**per sqm**	
13.100.6	**One or more coats with sprit varnish.**					
	Details of cost for 1 sqm					
	Materials:					
	Superior sprit varnish	litre	0.750	111.94	(0858)	83.96
	Carriage	1 time	0.200	1.80	(9999)	0.36
	Repair etc.	1 time	1.050	1.80	(9999)	1.89
	Labour:					
	Painter	per day	0.360	323.00	(0131)	116.28
	Coolie	per day	0.360	265.00	(0115)	95.40
	Brushes sand papers etc.	1 time	1.050	1.80	(9999	1.89
	Sundries	1 time	1.600	1.80	(9999)	2.88
	total					302.66
	Add for water charges @ 1 %					3.03
	TOTAL					805.49 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					113.17
	Total					918.67 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					137.80
	Cost of 10metre					1056.47
	Cost of 1 sqm					105.65
	Add labour cess @ 1%					1.06
	Rate including labour cess					106.71
			Say	**Rs.106.70**	**per sqm**	
13.101	**French spirit polishing:**					
13.101.1	**Two or more coa's on works including a coat of wood filler.**					
	Details of coot for 10 sqm					
	Materials:					
	Spirit	litre	1.630	46.54	(1000)	75.85
	Pigment	1 time	2.750	1.80	(9999)	4.95
	Sheliac	kilogram	0.240	260.60	(0999)	62.54
	Cariage of materials	1 time	1.050	1.80	(9999)	1.89
	White woolen cloth, putty	1 time	6.200	1.80	(9999)	11.16
	Sand-papers cotton etc.	1 time	5.150	1.80	(9999)	9.27
	Linseed oil	1 time	0.550	1.80	(9999)	0.99
	Labour:					
	Painter	per day	3.500	323.00	(0131)	1130.50
	Sundries	1 time	3.100	1.80	(9999)	5.58
	total					1302.74
	Add for water charges @ 1 %					13.03
	TOTAL					1315.77 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					184.87

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Total					1500.63	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					225.09	
	Cost of 10metre					1725.73	
	Cost of 1 sqm					172.57	
	Add labour cess @ 1%					1.73	
	Rate including labour cess					174.30	
			Say	**Rs.174.30**	**per sqm**		
13.101.2	**One or more coats on old work.**						
	Details of cost for 10 sqm						
	Materials:						
	Spirit	litre	0.980	46.54	(1000)	45.61	
	Shellac	Kilogram	0.130	260.60	(0999)	33.88	
	Carriage of materials	1 time	0.350	1.80	(9999)	0.63	
	Turpentine oil sand paper cotton/woolen doth putty etc.	1 time	4.150	1.80	(9999)	7.47	
	Linseed oil	1 time	0.200	1.80	(9999)	0.36	
	Labour:						
	Painter	Per day	1.760	323.00	(0131)	568.48	
	Sundries	1 time	3.100	1.80	(9999)	5.58	
	total					662.00	
	Add for water charges @ 1 %					6.62	
	TOTAL					668.62	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					93.94	
	Total					762.57	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					114.38	
	Cost of 10metre					876.95	
	Cost of 1 sqm					87.70	
	Add labour cess @ 1%					0.88	
	Rate including labour cess					88.58	
			Say	**Rs.88.60**	**per sqm**		
13.104	**Polishing on wood work with ready made wax polish of approved brand and manufacture:**						
13.104.1	New work						
	Details of cost for 10 sqm						
	Materials:						
	Readymade wax polish	kilogram	0.500	260.38	(0855)	130.19	
	Carriage	1 time	0.150	1.80	(9999)	0.27	
	Labour:						
	Painter	per day	0.800	323.00	(0131)	258.40	
	Coolie	per day	0.800	265.00	(0115)	212.00	
	Soap, brushes, cloth etc.	1 time	1.600	1.80	(9999)	2.88	
	Sundries	1 time	2.750	1.80	(9999)	4.95	
	total					608.69	
	Add for water charges @ 1 %					6.09	
	TOTAL					1312.04	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					184.34	
	Total					1496.38	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					224.46	
	Cost of 10metre					1720.84	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 sqm					172.08
	Add labour cess @ 1%					1.72
	Rate including labour cess					173.80
			Say	**Rs.173.80**	**per sqm**	
13.104.2	**Old work**					
	Details of cost for 10 sqm					
	Materials:					
	Readymade wax polish	kilogram	0.250	260.38	(0855)	65.10
	Caniage	1 time	0.150	1.80	(9999)	0.27
	Labour:					
	painter	per day	0.400	323.00	(0131)	129.20
	Coolie	per day	0.400	265.00	(0115)	106.00
	Soap.brushes, cloth etc.	1 time	1.600	1.80	(9999)	2.88
	. Sundries	1 time	1.700	1.80	(9999)	3.06
	total					306.51
	Add for water charges @ 1 %					3.07
	TOTAL					963.68 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					135.40
	Total					1099.08 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					164.86
	Cost of 10metre					1263.94
	Cost of 1 sqm					126.39
	Add labour cess @ 1%					1.26
	Rate including labour cess					127.65
			Say	**Rs.127.70**	**per sqm**	
13.105	**Floor polishing on masonry or concrete floors with wax polish off approved brand and manufacture**					
	Details of cost for 10 sqm					
	Materials:					
	Wax polish	kilogram	0.100	Rs.260.38	(0855)	26.04
	Labour					
	Painter	per day	0.400	Rs.323.00	(0131)	129.20
	Coolie	per day	0.400	Rs.265.00	(0115)	106.00
	Acetic add soap, cloth etc.	1 time	2.050	Rs.1.80	(9999)	3.69
	Sundries including carriage	1 time	3.100	Rs.1.80	(9999)	5.58
	total					270.51
	Add for water charges @ 1 %					2.71
	TOTAL					543.72 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					76.39
	Total					620.11 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					93.02
	Cost of 10metre					713.13
	Cost of 1 sqm					71.31
	Add labour cess @ 1%					0.71
	Rate including labour cess					72.02
			Say	**Rs.72.00**	**per sqm**	
13.106	**Lettering with black japan paint of approved brand and manufacture**					
	Details of cost for 100 letters of 15 cm height					
	Materials:					
	Paint	litre	0.560	Rs.77.50	(0829)	43.40

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Carriage	1 time	0.350	Rs.1.80	(9999)	0.63
	Labour:					
	Painter	per day	6.000	Rs.323.00	(0131)	1938.00
	Coolie	per day	2.000	Rs.265.00	(0115)	530.00
	Painting brushes, turpentine stencil etc.	1 time	5.150	Rs.1.80	(9999)	9.27
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	Total					2526.88
	Add for water charges @ 1 %					25.27
	TOTAL					5223.07 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					733.84
	Total					5956.92 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					893.54
	Cost of 1 100 letter of 15cm hight					6850.45
	Cost of 1 1 letter of 1cm hight					4.57
	Add labour cess @ 1%					0.05
	Rate including labour cess					4.62
			Say	**Rs.4.60**	**per sqm**	
13.107	**Re-lettering with black japan paint of approved brand and manufacture.**					
	Details of cost for 100 letters cf 15 cm height.					
	Materials:					
	Paint	litre	0.370	Rs.77.50	(0829)	28.67
	Carriage	1 time	0.200	Rs.1.80	(9999)	0.36
	Labour:					
	Painter	per day	4.000	Rs.323.00	(0131)	1292.00
	Coolie	per day	1.000	Rs.265.00	(0115)	265.00
	Brushes, stencil, cloth, turpontine oil etc.	1 time	2.750	Rs.1.80	(9999)	4.95
	Sundries	1 time	3.100	Rs.1.80	(9999)	5.58
	Total					1596.56
	Add for water charges @ 1 %					15.97
	TOTAL					3213.76 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					451.53
	Total					3665.30 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					549.79
	Cost of 1 100 letter of 15cm hight					4215.09
	Cost of 1 1 fetter of 1cm hight					2.81
	Add labour cess @ 1%					0.03
	Rate including labour cess					2.84
			Say	**Rs.2.90**	**per sqm**	
53.112	**Washed fetone grit plaster in two iayers.under layer 12 mm cement plaster 1:4.(1 cement :4 coarse sand) furrowing the under layer with scratching too!, applying cement slurry on the under layer @ 2 kg of cement per square, metre, tope layer 15 mm cement plaster 1:1/2:2(1 cement: 1/2 coarse sand :2 stone chipping 10 mm nominal size) in panels with groove all around as per approved pattern including scrubbing and washing, the top layer with brushes and water to expose the stone chippings, complete as per specification and direction of Engineer -in charges (Payment for providing grooves shall be made separately)**					
	Details of cost for 10 sqm					
	Under layer 12 mm cement plaster with CM. (1 cement: 4 coarse sand)	cum	0.144	2534.72	(2113)	365.00
	Labour:					0.00
	Mason	per day	0.670	305.00	(0155)	204.35

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Beldar	per day	0.750	254.00	(0114)	190.50
	Bhishti	per day	0.920	277.00	(0101)	254.84
	Scaffolding	1 time	3.450	1.80	(9999)	6.21
	Applying cement slurry					
	Cement	tonne	0.020	5474.00	(0367)	109.48
	Carriage	tonne	0.020	0.00	(2209)	0.00
	Beldar	per day	0.250	254.00	(0114)	63.50
	Top layer 15 mm thick stone chipping plaster Quantity required=0.172 cumm including wastage					
	Preparation of cement concrete mix 1:1/2:2(1 cement :1/2 coarse sand:2 stone chipping 10 mm nominal size)	cum	0.140	620.42	(2911)	86.86
	Carriage of stone chipping	cum	0.140	0.00	(2202)	0.00
	Coarse sand	cum	0.040	160.69	(0982)	6.43
	Carnage of coarse sand	cum	0.040	0.00	(2203)	0.00
	Cement	tonne	0.100	5474.00	(0367)	547.40
	Carriage of cement	tonne	0.100	0.00	(2209)	0.00
	Beidar	per day	0.100	254.00	(0114)	25.40
	Bhishti	per day	0.050	277.00	(0101)	13.85
	Hire and running chages of mechanical mixer	1 time	1.650	1.80	(9999)	2.97
	Sundries	1 time	0.800	1.80	(9999)	1.44
	Labour:					
	Mason 1 st class	per day	1.750	342.00	(0123)	598.50
	Beldar	per day	1.750	254.00	(0114)	444.50
	Bhishti	per day	0.300	277.00	(0101)	83.10
	Scaffolding	1 time	9.400	1.80	(9999)	16.92
	Labour for working					
	Mason	per day	1.000	342.00	(0123)	342.00
	Coolie	per day	0.500	265.00	(0115)	132.50
	Sundries, soft brushes etc.	1 time	9.700	1.80	(9999)	17.46
	Total					3513.21
	Add for water charges @ 1%					35.13
	TOTAL					3548.34 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					498.54
	Total					4046.88 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					607.03
	Cost of 10 sqm					4653.91
	Cost of 1 sqm					465.39
	Add labour cess @ 1%					4.65
	Rate including labour cess					470.04
			Say	**Rs.470.00**	**per sqm**	

13.113 Forming groove of uniform size in the top layer of washed stone grit plaster as per approved pattern using wooden batternsinailed to the unde layer induding removal of wooedn battens, repair to the edges of panels and finishing the groove ampletee as per specifications and direction of the Engineer-in-charges.

13.113.1 15 mm wide and 15 mm deep groove

Details of cost for 30 metres

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.	
	Second class kail wood in planks 30x0.015x0.015=6.75 cudm wastage^ 10% =0.68/7.43 Assuming that the baitens shall become unserviceaole after, using 5 times Cost for using once						
	lind class kail wood in planks	10 cudm	0.148	241.99	(1198)	35.81	
	Carriage of wood	1 time	0.150	1.80	(9999)	0.27	
	Labour for making baatiens:-						
	Carpenter 2nd class	per day	0.150	305.00	(0112)	45.75	
	Beldar	per day	0.150	254.00	(0114)	38.10	
	Sundries,	1 time	1.100	1.80	(9999)	1.98	
	Labour for nailing the battens to under layer and finishing and repairnng the grooves						
	Mason 1 st class	per day	0.700	342.00	(0123)	239.40	
	Beldar	per day	0.700	254.00	(0114)	177.80	
	Nails & cement Mortar	1 time	27.600	1.80	(9999)	49.68	
	Add for water charges @ 1 %					5.89	
	TOTAL					594.68	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					83.55	
	Total					678.24	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					101.74	
	Cost of 30 metre					779.97	
	Cost of 1 metre					26.00	
	Add labour cess @ 1%					0.26	
	Rate including labour cess					26.26	
			Say	**Rs.26.30**	**per metre**		
13.113.2	**20 mm wide and 15 mm deep groove Details of cost for 30 metres Second class kail wood in planks 30x0.02x0.015=9.00 cudm**						
	Add wastage 10%=0.90						
		9.9					
	Assuming that the batiens shall become unserviceable after using 5 times						
	Cost for using once lind class kail wood in planks	10 cudm	0.198	241.99	(1198)	47.91	
	Carriage of wood	1 time	0.200	1.80	(9999)	0.36	
	Labour-						
	Carpenter 2nd class	per day	0.150	305.00	(0112)	45.75	
	Beldar	per day	0.150	254.00	(0114)	38.10	
	Sundries	1 time	1.100	1.80	(9999)	1.98	
	Labour for noiling the battens to under layer and finishing and repairing the grooves						
	mason 1st class	per day	0.700	342.00	(0123)	239.40	
	Beldar	per day	0.700	254.00	(0114)	177.80	
	Nails&cement Mortar	1 time	27.600	1.80	(9999)	49.68	
	Add for water charges @ 1 %					6.01	
	TOTAL					606.99	(X)
	Add GST 12% on "X" (multiplying factor 0.1405)					85.28	
	Total					692.28	(Y)
	Add for contractor's profit and overheads @ 15% on "Y"					103.84	
	Cost of 30 metre					796.12	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Cost of 1 metre					26.54
	Add labour cess @ 1%					0.27
	Rate including labour cess					26.81
			Say	**Rs.26.80**	**per metre**	
13.114	**Extra for washed grit plaster on exterior walls of height more than 10 m from gound level for every additional night of 3m or part hereof**					
	Details of cost for 10 sqm					
	Materials:					
	Scaffolding	1 time	82.800	1.80	(9999)	149.04
	Mason 1st class	perday	0.300	342.00	(0123)	102.60
	Beldar	per day	0.300	254.00	(0114)	76.20
	Bhishti	per day	0.150	277.00	(0101)	41.55
	Sundries	1 time	11.000	1.80	(9999)	19.80
	Add for water charges @ 1 %					3.89
	TOTAL					393.08 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					55.23
	Total					448.31 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					67.25
	Cost of 10 sqm					515.56
	Cost of 1 sqm					51.56
	Add labour cess @ 1%					0.52
	Rate including labour cess					52.08
			Say	**Rs.52.10**	**per sqm**	
13.115	**Extra for washed stone grit plaster on circular work not exceeding 6m in radius (in coats).**					
	Details of cost for 10 sqm					
	Labour:					
	l/ason 1st class	per day	0.500	342.00	(0123)	171.00
	Beldar	per day	0.500	254.00	(0114)	127.00
	Sudries	1 time	20.700	1.80	(9999)	37.26
	Add for water charges @ 1 %					3.35
	TOTAL					338.61 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					47.58
	Total					386.19 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					57.93
	Cost of 10 sqm					444.12
	Cost of 1 sqm					44.41
	Add labour cess @ 1%					0.44
	Rate including labour cess					44.85
			Say	**Rs.44.90**	**per sqm**	

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
13.116	**Forming groove of uniform size from 12x12 mm and upto 25x15 mm in plastered surface as per approved pattern using wooden battens, nailed to the under layer including removal of wooden battens, repairs to the edges of plaster panel and finishing the groove complete as per specifications and direction of the Engineer-in-Charge.**					
	Details of cos! for 30 metre					
	Second class kail wood in planks					
	30x0.025x0.015=0.01 cum					
	30x0.012x0.012=0.004 cum					
	0.015 cum =15.00 cudm					
	Wastage @ 10% =0.15 cudm					
	15.15 cudm					
	Average-15.15/2=7.57					
	Assuming that tiie battens shal! become unserviseable after using 5 times=7.57					
	Cost for using .once = 1.50 cudm					
	lind class kail wood planks	10 cudm	1.50	241.99	(1198)	362.98
	Carnage of timber	1 time	0.15	1.80	(9399)	0.27
	Labour for making battens					
	Carpenter lind class	per day	0.15	305.00	(0112)	45.75
	Beldar	per day	0.15	254.00	(0114)	38.10
	Sundries	1 time	1.10	1.80	(9999)	1.98
	Labour for nailing the battens to under layer and finishing and repairing the grooves.					
	Mason 1st class	per day	0.70	342.00	(0123)	239.40
	Beldar	per day	0.70	254.00	(0114)	177.80
	Nails and cement mortar	1 time	27.60	1.80	(9999)	49.68
	add for water charges @ 1%					9.16
	TOTAL					925.12 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					129.98
	Total					1055.10 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					158.27
	cost of 30 metre					1213.37
	cost of 1 metre					40.45
	Add labour cess @ 1%					0.40
	Rate including labour cess					40.85
			Say	**Rs.40.80**	**per metre**	
13.117	**Extra for using white cement in place of ordinary Cement ub tge top layer of the item washed stone**					
	grit plaster					
	Details of cost for 10 sqm					
	Materials					
	White cement instead of grey cment (qty same as in item no 13.11.2)					
	code No. 368	ton	0.10	10424.10	(0368)	1042.41 (A)
	code No. 367	ton	0.10	5474.00	(0367)	547.40 (B)
	Extra for difference in cost of code 368-367					495.01

Item No.	Description	Unit	Qty	Rate	Rate Code	Cost Rs.
	Add for water charges @ 1%					4.95
	TOTAL					499.96 (X)
	Add GST 12% on "X" (multiplying factor 0.1405)					70.24
	Total					570.20 (Y)
	Add for contractor's profit and overheads @ 15% on "Y"					85.53
	cost of 10 sqm					655.74
	cost of 1 sqm					65.57
	Add labour cess @ 1%					0.66
	Rate including labour cess					66.23
			Say	**Rs.66.20**	**per sqm**	