



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

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NHAI/Policy Guidelines/Environment/2023

Policy Circular No. 7.4.9 dated 15th March, 2023

(Decision taken on e-office file Comp. No. 46753)

Sub.: Delinking Avenue Plantations from EPC/HAM/BOT Toll Projects - reg.

The issue regarding delinking of Avenue Plantation from EPC/HAM/BOT Toll Projects was discussed in 550th EC Meeting held on 28.02.2023. Reference EC Agenda Item No. 550.01 (B)(iii)(a), the following decision has been taken regarding Median & Avenue Plantation:

- A. **For New Projects** - Plantation work to be done as under:
 - i. **Median Plantation** - To be done by contractor/concessionaire as it requires regular pruning and maintenance.
 - ii. **Avenue Plantation** - (a) To be deleted from Scope of work in relevant Schedules of EPC/HAM/BOT(Toll) Agreements. Accordingly, proposed modifications in Schedules of EPC, HAM and BOT(Toll) projects are attached as **Annex I, II & III**.
- B. **For Ongoing Projects** - Member Concerned to take decision on de-scoping of avenue plantation on case to case basis, considering the progress of plantation work at site.
 - (a) The cost of the plantation shall be worked out by the concerned AE/IE based on the Forest Schedule of Rates of the respective State.
 - (b) If the aforesaid cost of plantation is not agreed by the contractor/concessionaire, the same may be resolved amicably by referring the matter to a Sole Conciliator.

2. It has been decided to get the Avenue Plantation work executed either through Government Agencies like Forest Department/ Forest Development Corporations/ Urban bodies/ State Rural Livelihood Mission (SHGs)/ Nehru Yuva Kendra Sangathan etc. by entering MoUs OR through a Private Plantation Agency by inviting bids, whichever is the most effective for successful plantation. The following circulars/OMs issued by NHAI may be referred for implementing the same:

- (i) NHAI Standard Operating Procedure (SOP) for implementation of Green Highways (Plantations, Transplantation, Beautification and Landscaping) Policy, 2015.
- (ii) NHAI OM No. NHAI/GHD/Plantation/2021/005 dated 30.03.2021 on the subject 'Approval of Request for Proposal (RFP) for Plantation Projects on large NH Stretches & Delegation to RO to invite bid of NH length maximum 100 km or Rs. 10 Cr. estimated cost for one plantation project'.
- (iii) NHAI Policy Circular No. 7.4.7/2022 dated 12.07.2022 on the subject 'Specification for Avenue and Median Plantations'.

S. Prakash

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(iv) NHAI Letter No. NHAI/GHD/02/02/23/184 (E-office 186767) dated 10.02.2023 on the subject 'Expression of Interest for Empanelment of Private Plantation Agencies for Green Highway Projects'.

3. It has also been decided that at the stage of appraisal & approval of the projects, the cost of plantation is to be estimated based on the Forest Schedule of Rates of respective State.

4. This issues with the approval of Competent Authority.

Encl.: As stated above



(Sunil Prakash Bhardwaj)
Chief General Manager (Coord.)

To:

All Officers of NHAI HQ/ ROs/ PIUs/ CMUs/ Site Offices

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A. Proposed Modifications in the Schedules of Standard EPC Agreement dated 05.03.2019

S. No.	Clause no.	Existing Clause	Proposed Clause
1.	Schedule - B, Clause 10 - Compulsory Afforestation	[Refer to the provision of relevant Manual and specify the number of trees which are required to be planted by the Contractor as compensatory afforestation.]	Clause 10 - Landscaping and Tree Plantation Specifications for Landscaping and Tree Plantations (except avenue plantations) shall be followed as per IRC: SP-21 i.e. Guidelines on Landscaping and Tree Plantation
2.	Schedule - C Clause 1(d),	Tree plantation	Tree Plantation (except avenue plantation). However, specifications for plantations shall be followed as per IRC: SP-21 i.e. Guidelines on Landscaping and Tree Plantation
3.	Schedule - D, Annex - I, Clause 2- Deviations from the manual	*Deviation to be inserted while inviting the bid	The aforesaid Manual shall be applicable except for the provisions/ scope for avenue plantations. However, specifications for plantations shall be followed as per IRC: SP-21 i.e. Guidelines on Landscaping and Tree Plantation
4.	Schedule - H, Clause 1.2 - Other works	(v) Road side plantation	Tree Plantation (except avenue plantation)
5.	Schedule - H, Clause 1.3.4- Other works	(v) Roadside Plantation	Tree Plantation (except avenue plantation)

Annexure II

B. Proposed Modifications in the schedules of MCA of HAM dated 10.11.2020

S. No.	Clause no.	Existing Clause	Modified Clause
1.	Schedule - C, Clause 1.1(d)	Tree plantation	Tree Plantation (except avenue plantation). However, specifications for plantations shall be followed as per IRC: SP-21 i.e. Guidelines on Landscaping and Tree Plantation
2.	Schedule - C, Annex- I, Clause 1(d)	Tree plantation	Tree Plantation (except avenue plantation). However, specifications for plantations shall be followed as per IRC: SP-21 i.e. Guidelines on Landscaping and Tree Plantation
3.	Schedule - C, Annex- I, Clause 2(d)	Tree plantation As stipulated in the Manual of Specifications and Standards	Tree Plantation (except avenue plantation). However, specifications for plantations shall be followed as per IRC: SP-21 i.e. Guidelines on Landscaping and Tree Plantation
4.	Schedule - D, Annex - I, Clause 2- Deviations from the manual	*Deviation to be inserted while inviting the bid	The aforesaid Manual shall be applicable except for the provision/ scope of avenue plantations. However, specifications for plantations shall be followed as per IRC: SP-21, i.e., Guidelines on Landscaping and Tree Plantation

C. Proposed Modifications in the Schedules of MCA of BOT (TOLL) dated 24.08.2020

S.No.	Clause no.	Existing Clause	Modified Clause
1.	Schedule - C, Clause 1 (e)	landscaping and tree plantation;	Landscaping and Tree Plantation (except avenue plantation). However, specifications for plantations shall be followed as per IRC: SP-21 i.e. Guidelines on Landscaping and Tree Plantation
2.	Schedule - C, Annex - I, Clause 1 (e)	landscaping and tree plantation;	Landscaping and Tree Plantation (except avenue plantation). However, specifications for plantations shall be followed as per IRC: SP-21 i.e. Guidelines on Landscaping and Tree Plantation
3.	Schedule - D, Annex - I, Clause 2- Deviations from the manual	*Deviation to be inserted while inviting the bid	The aforesaid Manual shall be applicable except for the provision/ scope of avenue plantations. However, specifications for plantations shall be followed as per IRC: SP-21, i.e., Guidelines on Landscaping and Tree Plantation