

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport and Highways)

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NHAI/Policy Guidelines/Green Highway Projects/2017

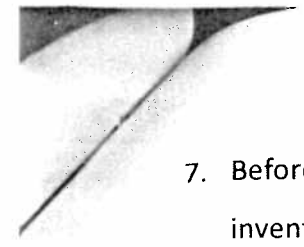
No.7.4.3/2017 Dated, the 13th July, 2017

(Decision taken on File No.NHAI/GHD/01/01/43/2016/155)

Sub: Guidelines for implementing Green Highway Projects.

During review of plantations in the current monsoon season, it has been found that major plantation drive needs to be taken up on highway stretches, in order to achieve the vision of green clean and pollution free highways. Accordingly following guidelines are being issued for urgent compliance:

1. Green Highway Division (GHD) shall act as the overall monitoring agency for NHAI Green Highway Projects. It shall also act as technical advisory body which shall oversee the policy, planning, technical specification and best practices.
2. In all future highway projects under BOT/ HAM or EPC, scope of work shall include median and avenue plantation as per IRC SP: 21: 2009 guidelines for tree plantation and landscaping.
3. Scope of plantation for EPC contracts shall include maintenance and casualty replacement during entire DLP period of contract.
4. Any further densification / additional plantation (beyond the existing scope of BOT / HAM projects) may be taken up under change of scope through State Government Agencies (Forest Department , Forest Development Corporation etc)
5. For existing/ongoing EPC contracts, additional plantations beyond the scope of Contract Agreement, shall be taken up under variation order. ROs are hereby authorised to approve Variation Order for additional plantation in EPC Contracts.
6. Variation order of additional plantation and its maintenance during DLP shall be sanctioned as per respective Forest schedule of Rate applicable to the project.

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7. Before transfer on completion of DLP of any EPC project to next O & M agency, inventory of existing plantation shall be made. If the quantity and quality of plantation is not found commensurate and satisfactory then penal action must be taken against contractor as per provisions of agreement. In case deficiency persists at end of DLP, it shall be recovered from last tranche of maintenance payment.

Guidelines for plantation:

8. Green Highway Division (GHD) shall issue the technical specification and parameters for plantation and maintenance. GHD will circulate State wise list of suitable plantation species for median and avenue.
9. In all existing/ongoing highway projects under BOT/HAM and EPC, Contractor/ Concessionaires shall be advised to take up plantations without any delay in the current monsoon season.
- (i) During the current monsoon plantation drive, GHD will circulate the appropriate height and age of plants saplings to be adopted for plantation.
 - (ii) To enhance the aesthetic appeal of highway for users, it has been decided that “homogeneous stretch”, of suitable length of at least 5 km, preferably between two habitations settlements eg. village to village and city to city, shall be identified.
 - (iii) This identified stretch shall have median shrubs of same species and of same colour.
 - (iv) Similarly, first row of avenue plantation will consist of ornamental short heighted trees / shrubs of same species and same colour in the homogenous stretch.
 - (v) Further, second and third rows at extreme edge of ROW shall be planted with local fruit / shade bearing tree of one species uniformly.

Monitoring of plantation

- (i) During the monsoon season the progress of plantation shall be reported by every Regional Officer, every Monday and Friday i.e. twice in a week to GHD through email at nationalgreenhighways@gmail.com.
- (ii) GHD shall be the monitoring agency which shall report the progress to Competent Authority twice a week.



- (iii) For real time monitoring of plantation activities, the ROs are directed to use the android version of Green Highway Mobile App which may be downloaded from the Google Play Store free of charge.
- (iv) Till the use of this mobile app is stabilised, all the ROs shall report the progress twice a week in the proforma sheet attached (Annex-I).

10. All ROs/PDs are advised to closely coordinate with Concessionaire / Contractors to ensure plantations in the ensuing monsoon season.

This issues with approval of Competent Authority



(A K Sadhu)

Chief General Manager (Coordination)

To

All Officers and Employees of HQ / ROs / PIUs / CMUs / Site Offices.

