

Full Title of the Project: Diversion of 0.1742 ha of forest land for laying of Sewer line from Rao Gopal Dev chowk to Laxmi Nagar on Naruanl-Rewari road in District Rewari.
File No. FP/HR/OTHERS/40825/2019
Date of Proposal: 04/07/2019 4

CHECK LIST SERIAL NUMBER: -18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the forest/reach to be diverted for laying of sewer line from Rao Gopal Dev Chowk to Laxmi Nagar on Narnual Rewari road in Dist Rewari.

Forest Area = 0.1742 ha.

Details of degraded forest land / non-forest land:-

Division : Rewari District Rewari Range: Bawal Tehsil : Bawal
Village Tankri CA Site Name : Tankri Section 4 & 5 of PLPA 1900 (348 Plants).
GPS: N28°17'6.6042 E7625'45.8084

Description of Area:-

- i- Whether the site selected for Compensatory Afforestation is a land bank or
Not No
- ii. If the CA site is other than the land bank, reasons be given :- Plantation will be carried out in Tankri Section 4 & 5.
- iii. In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- CA will be carried out in Tankri Section 4 & 5.
- iv. Soil type :- Sandy Loam
- v. Topography :-
 - A. Hilly/ Undulating/**Plain**
 - B. Slope:- Steep/Medium/**Gentle**

Whether the area is bearing any root stock of vegetation :- No

2- Planatation Model :-

Copy of the approved Compensatory Afforestation Scheme/ Model showing component wise physical financial break up to be enclosed.
Strip Plantation of Tall Plants.

3 Schedule of Plantation Programme:-

Detail of year wise break up of requirement of funds is as under:

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5

The Plantation cost is calculated for **Plantation as per Tall Plants**, at 4m X 2½m spacing and it is approved by the PCC Haryana Panchkula at the wage rate of Rs. 326.82/- per day as under:-

Sr.No	Year	Rate Per Plant
1	Ist Year Plantation	359.10/- Per Plant
2	IInd Year Plantation	115.35/- Per Plant
3	IIIrd Year Plantation	41.89/- Per Plant
4	IVth Year Plantation	15.58/- Per Plant
5	Vth Year Plantation	15.58/- Per Plant
6	VIth Year Plantation	15.58/- Per Plant
7	VIIth Year Plantation	15.58/- Per Plant
8	VIIIth Year Plantation	15.58/- Per Plant
9	IXth Year Plantation	15.58/- Per Plant
10	Xth Year Plantation	15.58/- Per Plant
	Total	Rs. 625.40/-

Area to be diverted = 0.1742

Area to be planted (two time diverted area= = 0.3484

No. of tree to be felled= = 0

No. of plants to be damaged= = 0

No. of plants to be planted = 348

The cost norms @ wage rate of Rs. 326.82/- will be as under:-

Sr.No	DESCRIPTION	Rate Per Plant	Amount
A.	Net present Value of forest land to be diverted	8.87 lac/ha.	154515
B	Compensatory afforestation charges	No. of Plants	
	1st Year cost of afforestation	348	124966.8
	2nd year maintenance	348	40141.8
	3rd year maintenance	348	14577.72
	4 th year maintenance	348	5421.84
	5 th year maintenance	348	5421.84
	6 th Year maintenance	348	5421.84
	7 th Year maintenance	348	5421.84
	8 th Year Plantation	348	5421.84

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6

	9 th Year Plantation	348	15.58/- Per Plant	5421.84
	10 th Year Plantation	348	15.58/- Per Plant	5421.84
	6 Barbed wire fencing charge	1.39 RKM	Rs. 76700/- per RKM	106766.4
	Total CA charges (1 to 6)			324405.6
C	Supervisory/ overhead/misc. charges		10 % on the total CA charges.	32441
	(Total B+C)			356846.6
D	1 Felling charges volume m3		Rs. 1200/- per cum	0
E.	plantation damage charges	0	Rs. 600/- per plants	0
	Total (D+E)			0
F	Exigency Charges 30% of the Total CA		30% on the total CA	107054
	G. Total (A+B+C+D+E+F)			618415.6

Technical details: -

Technical details of Compensatory Afforestation Scheme are as follows: -

- General Details: - Compensatory afforestation will be carried out along with Tankri Section 4 & 5 in Rewari District. Plantation will be done with three standard barbed wire.
- Spacement: - 4 x 2 ½
- Species:- Neem, bakain, Pahari Papri, Cassia fistula, Cordia myxa, zyzypths, mauritiana, Albizia lebbeck, Albizia procera, Bauhina recemosa, Ficus glomerata, Ficus religiosa, Kigelia pinnata, Moringa oleifera, Syzgium cumini, Tamarindus indica, Tamarix articulate, Terminalia arjuna, Terminalia belarica, Jungle Jalebi, Morus Alba etc.
- Plantation Method: Tall Plantation.
- Soil and Moisture Conservation works:- Watering Hoeing and weeding , mulching
- Protection (Fencing, Watch man, People's Participation etc.): - Fencing.
- Proposed Monitorng Mechanism:- Inspection by Officers.
- Any other information :- NIL

Divisional Forest Officer
 Rewari.
 Division