

Full Title of the Project: Diversion of 0.3652 hec of Forest Land for laying of water supply main pipe line on Gurgaon-Farrukhnagar road RD 17.200 to RD 20.852 L/Side at Village-Farrukhnagar in Distt. Gurgaon, Haryana

File No. : FP/HR/OTHERS/8458/2014

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: - 18

"SCHEME FOR COMPENSATORY AFFORESTATION

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.0217 Hec. of forest land for Laying of water Supply Main pipe line on left side of Gurgaon-Farrukhnagar road from RD 17.200 Km to RD 20.852 Km L/Side at Village-Farrukhnagar, in Distt. Gurgaon.

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

District: -Gurgaon Tehsil: Farrukhnagar
Forest Division: - Gurgaon Range: Haily Mandi
Block/Compt/Survey No.: - Nuh Sub Branch RD 0 to 6 L & R /Side
Area to be Afforested:- 915 Plants will be planted
GPS Reading N 28 14 1358 E 77 10 1166 N 28 1408 76 E 77 0905 90

2. Description of the Area:-

- Whether the site selected for Compensatory Afforestation is a land bank (Yes or No):- **the site selected for Compensatory Afforestation is not a land bank.**
- If the CA site is other than the land bank, reasons are given:-**There is no land bank in District Gurgaon. Plantation will be carried out along Nuh Sub Branch RD 0 to 6 L & R /Side**
- In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: - **CA will be carried out along Nuh Sub Branch RD 0 to 6 L & R /Side**
- Soil type: - **Arid brown soil with texture varies from sandy loam to clay.**
- Topography:-
 - Hilly/Undulating/Plain **Plain**
 - Slope: - Steep/Medium/Gentle **Gentle**
- Whether the area is bearing any root stock of vegetation:- **No**

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under:

4. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The Plantation is calculated for Tall Plants norms at 4m X 4m spacing and 250 plants per RKM and it is approved by the PCCF, Haryana's letter No. D-X-66-/1605-25 dated 06.06.2012 and vide CF South Circle Gurgaon, Letter No. 4520 dt. 07-02-2013 at the wages rate of Rs.190/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	124/-
2	2 nd Year Maintenance	43/-
3	3 rd Year Maintenance	19/-
4	4 th Year Maintenance	13/-
5	5 th Year Maintenance	13/-
6	6 th Year Maintenance	11/-
7	7 th Year Maintenance	11/-
8	8 th Year Maintenance	11/-
9	9 th Year Maintenance	11/-
10	10 th Year Maintenance	11/-
	Total Cost.	267/-

Area to be diverted: 0.3652 Hac.

Area to be planted (One/two/ten times the diverted area) = 915 Plants. (4x4)

No. of trees to be felled= 10

No. of Plants to be damaged=510

Number of Plants to be planted (@ 1000 Plant per Hec.) = 915 Plants

S.No.	Description	Rate	Total amount (Rs.)
A	Net Present Value of Forest Land to be diverted = 0.3652 Hec.	Rs. 8.87 Lacs/ha.	323932-00
B	Compensatory Afforestation Charges	No. of Plants	
1	1 st Year Plantation	915	124/- Per Plant
2	2 nd Year Maintenance	915	43/- Per Plant
3	3 rd Year Maintenance	915	19/- Per Plant
4	4 th Year Maintenance	915	13/- Per Plant
5	5 th Year Maintenance	915	13/- Per Plant
6	6 th Year Maintenance	915	11/- Per Plant
7	7 th Year Maintenance	915	11/- Per Plant
8	8 th Year Maintenance	915	11/- Per Plant
9	9 th Year Maintenance	915	11/- Per Plant
10	10 th Year Maintenance	915	11/- Per Plant
11	Barbed wire fencing charge = 2 RKM	Rs.65000 per km	130000-00
	Total charges of (B above)		374305-00
(C)	Supervisory/Overhead/Miscellaneous Charges	10% on the total CA charges	37430-00
	TOTAL C.A Charge (B+C)		411735-00
(D)	Felling charges Volume= 4.16	Rs.720/- per m3	2995-00
(E)	Plantation damage charges. = 510	Rs. 200/- per plant	102000-00
(F)	Any other charges (If necessary)		0-00
	GRAND TOTAL (A+B+C+D+E+F) to be deposited in CAMPA fund		840663-00 or say 840670-00

5. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: - **Plantation will be done along Nuh Sub Branch RD 0 to 6 L& R /Side**
- Spacing: - **4m X 4m T.P. Planting**
- Species: - **Shisham, Neem, Papri etc.**
- Plantation Method: - **Pit Plantation**
- Soil and Moisture Conservation Works: - **Nil**
- Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- Proposed Monitoring Mechanism: - **Checking of plantation works will be RFO, DCF, CF, and DCF (M&E)**
- Any other information: - **Nil**

Dated... 02/3/15

Place: - Gurgaon

Dy. Conservator of Forest
Gurgaon Forest Division
GURGAON