

Full Title of the Project: Diversion of 0.0348 ha of forest land for laying of Water Pipeline from road to MBS Mohna along Chhainsa Mohna Road Left side at village Mohna forest division and District Faridabad State Haryana.

File No. : **FP/HR/Pipeline/36914/2018**

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: - 18

“SCHEME FOR COMPENSATORY AFFORESTATION

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.0348 Hec. land for laying of Water Pipeline from Chhainsa Mohna Road along various road sides under forest and District Faridabad

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

District: - **Faridabad** Tehsil: **Faridabad**
Forest Division: - **Faridabad** Range: **Ballabgarh**
Block/Compt/Survey No **Mujheri sub Minor**

Area to be Afforested:- **74 Plants will be planted.**

GPS Reading N **28 21 34.2** E **77 20 27.9**

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 Faridabad. Plantation will be carried out along Mujheri sub Minor .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 Mujheri sub Minor**

. Soil type: - **Normal.**

Topography:-

- a. Hilly/Undulating/Plain **Plain**
b. Slope: - Steep/Medium/Gentle **Gentle**

f) 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** as approved by the PCCF, Haryana's letter No. **D-X-66-/1605-25** dated **01.01.2017** at the wages rate of **Rs.30** per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	359.10/- Per Plant
2	2 nd Year Maintenance	115.35/- Per Plant

3	3 rd Year Maintenance	41.89/- Per Plant
4	4 th Year Maintenance	15.58/- Per Plant
5	5th Year Maintenance	15.58/- Per Plant
6	6th Year Maintenance	15.58/- Per Plant
7	7th Year Maintenance	15.58/- Per Plant
8	8th Year Maintenance	15.58/- Per Plant
9	9th Year Maintenance	15.58/- Per Plant
10	10th Year Maintenance	15.58/- Per Plant
	Total Cost.	625 /-

Area to be diverted: 0.0348 Hec.

Area to be planted (One/two/ten times the diverted area) = 70Plants. (4x4)

No. of trees to be felled= 3

No. of Plants to be damaged =2 plants

Number of Plants to be planted (@ 1000 Plant per Hec.) = 74 Plants

	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.0348	Rs. 8.87 Laes/Ha.	30867.60
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	70	359.10/- Per Plant	25137.00
2	2nd Year Plantation	70	115.35/- Per Plant	8074.50
3	3rd Year Plantation	70	41.89/- Per Plant	2932.30
4	4th Year Plantation	70	15.58/- Per Plant	1090.60
5	5th Year Plantation	70	15.58/- Per Plant	1090.60
6	6th Year Plantation	70	15.58/- Per Plant	1090.60
7	7th Year Plantation	70	15.58/- Per Plant	1090.60
8	8th Year Plantation	70	15.58/- Per Plant	1090.60
9	9th Year Plantation	70	15.58/- Per Plant	1090.60
10	10th Year Plantation	70	15.58/- Per Plant	1090.60
	Total of (B)			43778.00
	Additional CA Scheme			
C	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	4	359.10/- Per Plant	1436.40
2	2nd Year Plantation	4	115.35/- Per Plant	461.40
3	3rd Year Plantation	4	41.89/- Per Plant	167.56
4	4th Year Plantation	4	15.58/- Per Plant	62.32
5	5th Year Plantation	4	15.58/- Per Plant	62.32
6	6th Year Plantation	4	15.58/- Per Plant	62.32
7	7th Year Plantation	4	15.58/- Per Plant	62.32

8	8th Year Plantation	4	15.58/- Per Plant	62.32
9	9th Year Plantation	4	15.58/- Per Plant	62.32
10	10th Year Plantation	4	15.58/- Per Plant	62.32
	Total of (C)	0		2501.60
D	Barbed Wire Fencing Charge=	0.30	Rs. 76700 per km.	22703.20
E	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	6898.28
F	Felling Charges Volume=	2.26	Rs.1200/- per m3	2712.00
G	Plantation Damage Charges.=	0	Rs. 600/-Plant	0.00
	Total (F+G)			2712.00
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)			3283.82
GRAND TOTAL (A+B+C+D+E+F+G+H) TO BE DEPOSITED IN CAMPA FUND				112744.50

5. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done along Mujheri Sub Minor.**
- b) Spacing: - **4m X 4m T.P. Planting**
- c) Species: - **Neem, Papri , Arjun, Shisham etc.**
- d) Plantation Method: - **Pit Plantation**
- e) Soil and Moisture Conservation Works: - **Nil**
- f) Protection (Fencing, Watch man, People's Participation etc.); - **Fencing**
- g) Proposed Monitoring Mechanism: - **Checking of plantation works will be RFO, DCF, CF, and DCF (M&E)**
- h) Any other information: - **Nil**

Dated.....

Place: - **Faridabad.**


 Divisional Forest Officer
 Faridabad Forest Division
FARIDABAD
 SH-019