

Full Title of the Project: Diversion of 0.12 hac. forest land for erection of 11KV Transmission Line/feeder to Udyog Kunj Industrial Area, HSIIDC along Old Gurgaon-Alwar road at village Alipur. Sohna, Distt. Gurgaon.

File No. : FP/HR/TRANS/22009/2016

Date of Proposal: _____

CHECK LIST SERIAL NUMBER:- 18

“SCHEME FOR COMPENSATORY AFFORESTATION

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.12 Hec. of forest land for erection of 11 KV transmission line/to Udyog Kunj Industrial Area HSIIDC along Gurgaon-Alwar road at Village Alipur in Distt. Gurgaon.

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

District: -Gurgaon
 Forest Division: - Gurgaon
 Block/Compt/Survey No.: - Raipur Reserve Forest
 Area to be afforested: 450 Plants and 1628 Additional Plants will be planted
 GPS Reading:- N 28° 13' 30.83 E 77° 03' 38.58"

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 done in Raipur Reserve Forest.
- In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: - CA will be done in Raipur Reserve Forest
- d) Soil type: -
- Topography:-

a. Hilly/Undulating/Plain
 b. Slope: - Steep/Medium/Gentle
 f) Whether the area is bearing any root stock of vegetation:-
 Plain
 Gentle
 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 Plantation as per Revitalization of Institutions for Aravalli. at 5m X 4m spacing and 500 plants per Hac. at the wages rate approved at Rs.292.31/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	288/- Per Plants
2	2 nd Year Maintenance	93/- Per Plants
3	3 rd Year Maintenance	53/- Per Plants
4	4 th Year Maintenance	55/- Per Plants
5	5 th Year Maintenance	52/- Per Plants
6	6 th Year Maintenance	37/- Per Plants
7	7 th Year Maintenance	17/- Per Plants
8	8 th Year Maintenance	18/- Per Plants
9	9 th Year Maintenance	20/- Per Plants
10	10 th Year Maintenance	22/- Per Plants
Total Cost.		655 /-

Area to be diverted: 0.12 Hec.

Area to be planted (One/two/ten times the diverted area) = 450 Plants and 1500 Addl. Plants.
No. of trees to be felled= 45 Trees

No. of Plants to be damaged= 1628 Plants

Number of Plants to be planted (@ 1000 Plant per Hec.) = 450 Plants and 1500 Addl. Plants

Sr. No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.12	Rs. 8.87 Lacs/Ha.	106440.00
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	450	288/- Per Plant	129600.00
2	2nd Year Plantation	450	93/- Per Plant	41850.00
3	3rd Year Plantation	450	53/- Per Plant	23850.00
4	4th Year Plantation	450	55/- Per Plant	24750.00
5	5th Year Plantation	450	52/- Per Plant	23400.00
6	6th Year Plantation	450	37/- Per Plant	16650.00
7	7th Year Plantation	450	17/- Per Plant	7650.00
8	8th Year Plantation	450	18/- Per Plant	8100.00
9	9th Year Plantation	450	20/- Per Plant	9000.00
10	10th Year Plantation	450	22/- Per Plant	9900.00
	Total Charges of (B Above)			294750.00
C	Additional Compensatory Afforestation Scheme			
	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	1628	288/- Per Plant	468864.00
2	2nd Year Plantation	1628	93/- Per Plant	151404.00
3	3rd Year Plantation	1628	53/- Per Plant	86284.00
4	4th Year Plantation	1628	55/- Per Plant	89540.00
5	5th Year Plantation	1628	52/- Per Plant	84656.00
6	6th Year Plantation	1628	37/- Per Plant	60236.00
7	7th Year Plantation	1628	17/- Per Plant	27676.00
8	8th Year Plantation	1628	18/- Per Plant	29304.00
9	9th Year Plantation	1628	20/- Per Plant	32560.00
10	10th Year Plantation	1628	22/- Per Plant	35816.00
	Total Charges of (C Above)			1066340.00
D	Barbed Wire Fencing Charge	4	Rs. 103000 per km.	412000.00
	Total Charges of (B+C+D Above)			1773090.00
E	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	177309.00
F	Felling Charges Volume=	12.905	Rs.1200/- per m3	15486.00
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)			62170.00
	TOTAL (A+B+C+D+E+F+G)			2134495.00

75

5.

Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done in Raipur Reserve Forest**
- b) Spacing: - **5m X 4m Plantation**
- c) Species: - **Papri, Neem, Jamun etc.**
- d) Plantation Method: - **Tall Plant**
- 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: - **Gurgaon**


Jy. Conservator of Forest
Gurgaon Forest Division
GURGAON