

Full Title of the Project:

63
Diversion of 0.035752 ahac. of forest land for road access to the CNG Pump Project along Gurgaon-Alwar road Km. 17-18, R/side at Village-Alipur, Tehsil-Sohna, under forest Division and Distt. Gurugram.

File No. :

FP/HR/OTHERS/21736/2016

Date of Proposal:

CHECK LIST SERIAL NUMBER: - 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.035752Hec. of forest land for road access to the CNG Pump Project along Gurgaon-Alwar road Km. 17-18, R/side at Village-Alipur, Tehsil-Sohna, under forest Division.

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

District: -Gurugram Tehsil: Gurugram
Forest Division: - Gurugram Range: Sohna
Block/Compt/Survey No.: - Raipur Reserve Forest
Area to be afforested: 72 Plants will be planted
GPS Reading:- N 28° 13'29.81" E 77° 03' 39.99"

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 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 carried out Raipur Reserve Forest
- d) Soil type: - Arid brown soil with texture varies from sandy loam to clay.
- Topography:-

- a. Hilly/Undulating/Plain Hilly
- b. Slope: - Steep/Medium/Gentle Medium
- f) Whether the area is bearing any root stock of vegetation:- Yes

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 Tall Plants, at 5m X 4m spacing and 250 plants per Hec. 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: 0.035752 Hec.

Area to be planted (One/two/ten times the diverted area) = 72 Plants

No. of trees to be felled= 02

No. of Plants to be damaged=Nil

Number of Plants to be planted (@ 1000 Plant per Hec.) = 72 Plants

S.No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.035752	Rs. 8.87 Lacs/Ha.	31712.00
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	72	288/- Per Plant	20736.00
2	2nd Year Plantation	72	93/- Per Plant	6696.00
3	3rd Year Plantation	72	53/- Per Plant	3816.00
4	4th Year Plantation	72	55/- Per Plant	3960.00
5	5th Year Plantation	72	52/- Per Plant	3744.00
6	6th Year Plantation	72	37/- Per Plant	2664.00
7	7th Year Plantation	72	17/- Per Plant	1224.00
8	8th Year Plantation	72	18/- Per Plant	1296.00
9	9th Year Plantation	72	20/- Per Plant	1440.00
10	10th Year Plantation	72	22/- Per Plant	1584.00
	Total Charges of (B Above)			47160.00
D	Barbed Wire Fencing Charge(B+C+D)	0.28	Rs. 103000 per km.	28840.00
E	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	7600.00
F	Felling Charges Volume=	0.28	Rs.1200/- per m3	336.00
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)			3469.00
	TOTAL (A+B+C+D+E+F+G)			119117.00

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: -

Pipal, Bar, Pilkhan etc.

d) Plantation Method: -

Tall Plants

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 21/12/2016

Place: - Gurgaon

Dy. Conservator of Forest o/c
Gurgaon Forest Division
GURGAON