

Full Title of the Project:

65
Diversion of 0.072 Hac. of forest land for providing side Drain on Gurgaon-Farrukhnagar Jhajjar road Km 10.40 to 10.80 at Village-Chandu under forest Division and Distt. Gurgaon.

File No. :

FP/HR/ROAD/14473/2015

Date of Proposal:

CHECK LIST SERIAL NUMBER: - 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.072 Hec. of forest land for providing side Drain on Gurgaon-Farukhnagar Jhajjar road Km 10.40 to 10.80 at Village-Chandu under forest Division and Distt. Gurgaon.

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

District: -Gurgaon Tehsil: Gurgaon
Forest Division: - Gurgaon Range: Gurgaon
Block/Compt/Survey No.: - Manesar Section 4 & 5 of PLPA 1900
Area to be afforested: - 144 Plants will be planted
GPS Reading N 28° 25' 54.9" E 76° 45' 15.6" N 28° 25' 54.1" E 76° 45' 15.3"

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 in Manesar Section 4 & 5 of PLPA 1900
- 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 in Manesar Section 4 & 5 of PLPA 1900
- d) Soil type: - Arid brown soil with texture varies from sandy loam to clay.
- 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 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	171/- Per Plants
2	2 nd Year Maintenance	52/- Per Plants
3	3 rd Year Maintenance	44/- Per Plants
4	4 th Year Maintenance	48/- Per Plants
5	5th Year Maintenance	62/- Per Plants
6	6th Year Maintenance	68/- Per Plants
7	7th Year Maintenance	75/- Per Plants
8	8th Year Maintenance	48/- Per Plants
9	9th Year Maintenance	44/- Per Plants
10	10th Year Maintenance	48/- Per Plants
	Total Cost.	660 /-

Area to be diverted: 0.072 Hec.

Area to be planted (One/two/ten times the diverted area) = 144 Plants. (5x4)

No. of trees to be felled= Nil

No. of Plants to be damaged=Nil

Number of Plants to be planted (@ 1000 Plant per Hec.) = 144 Plants

S.No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.072	Rs. 8.87 Lacs/Ha.	63864.00
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	144	171/- Per Plant	24624.00
2	2nd Year Plantation	144	52/- Per Plant	7488.00
3	3rd Year Plantation	144	44/- Per Plant	6336.00
4	4th Year Plantation	144	48/- Per Plant	6912.00
5	5th Year Plantation	144	62/- Per Plant	8928.00
6	6th Year Plantation	144	68/- Per Plant	9792.00
7	7th Year Plantation	144	75/- Per Plant	10800.00
8	8th Year Plantation	144	48/- Per Plant	6912.00
9	9th Year Plantation	144	44/- Per Plant	6336.00
10	10th Year Plantation	144	48/- Per Plant	6912.00
	Total Plantation			95040.00
C	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	9504.00
	As the Scheme is site Specific Barbed wire will not be charged.			
D	Site Specific requirements for plantation Aravalli Hill's (area closed under Section 4&5 of PLPA 1900)			
1	Peripheral Trenches 1M*1M*200 in the Aravalli Areas			19230.00
2	Loose Stone Wall 200x1.25x0.75			71860.00
3	Clearing of Mesquite stumps including pruning of Singled shoots in first year X 2			839.00
4	Kikar Sowing in Peripheral Trench			6424.00
4 (a)	First Clearing and spacing of Kikar Sowing			4234.00
4 (b)	Line Sowing of Kikar Seeds			1059.00
	Total Site Specific Requirement Charge (D)			103646.00
E	Felling Charges Volume=	0	Rs.1200/- per m3	0.00
F	Plantation Damage Charges.=	0	Rs. 600/-Plant	0.00
	Total (E+F)			0.00
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)			8162.00
	GRAND TOTAL (A+B+C+D+E+F+G) TO BE DEPOSITED IN CAMPA FUND			280216.00

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - Plantation will be done with 3 strand barbed wire Manesar Section 4 & 5 of PLPA 1900
- b) Spacing: - 5m X 4m Plantation
- c) Species: - Native species of Aravalli
- d) Plantation Method: - Trench cum Pit Method
- e) Soil and Moisture Conservation Works: - No
- f) Protection (Fencing, Watch man, People's Participation etc.): - People's Participation
- g) Proposed Monitoring Mechanism: - Checking of plantation works will be RFO, DCF, CF, and DCF, (M&E)
- h) Any other information: - Nil

Date... 25/4/16..
Place :- Gurgaon.

Dy. Conservator of Forests
Dy. Conservator of Forest
Gurgaon Forest Division
Office Seal
GURGAON
o/c
Jm1-
22/04/16