

Full Title of the Project: Diversion of 0.946 Hac. of forest land for the work of Construction of four lane ROB at Gurgaon LC No.23-A in Km. 28/4 of Delhi Rewari Jaipur line crossing Palam Vihar Bajghera road under forest Division and distt. Gurgaon.

File No. : FP/HR/ROAD/17825/2016

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: - 18
"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.946Hec. of forest land for the work of Construction of four lane ROB at Gurgaon LC No.23-A in Km. 28/4 of Delhi Rewari Jaipur line crossing Palam Vihar Bajghera road 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:- 1892 Plants will be planted
GPS Reading N 28 27 59.98 E 76 48 21.66 N 28 27 36.65 E 76 48 51.71
N 28 27 38.78 E 76 48 19.62 N 28 27 43.20 E 76 48 34.32

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 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 out in Manesar Section 4 & 5 of PLPA 1900.**
- d) Soil type: - **Arid brown soil with texture varies from sandy loam to clay.**
- e) Topography:-
 - Hilly/Undulating/Plain Plain
 - 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: 0.946 Hec.

Area to be planted (One/two/ten times the diverted area) = 1892 Plants. (5mx4m)

No. of trees to be felled= 30

No. of Plants to be damaged=Nil

Number of Plants to be planted (@ 1000 Plant per Hec.) = 1892 Plants

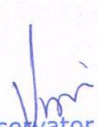
S.No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.946	Rs. 8.87 Lacs/Ha.	839102.00
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	1892	171/- Per Plant	323532.00
2	2nd Year Plantation	1892	52/- Per Plant	98384.00
3	3rd Year Plantation	1892	44/- Per Plant	83248.00
4	4th Year Plantation	1892	48/- Per Plant	90816.00
5	5th Year Plantation	1892	62/- Per Plant	117304.00
6	6th Year Plantation	1892	68/- Per Plant	128656.00
7	7th Year Plantation	1892	75/- Per Plant	141900.00
8	8th Year Plantation	1892	48/- Per Plant	90816.00
9	9th Year Plantation	1892	44/- Per Plant	83248.00
10	10th Year Plantation	1892	48/- Per Plant	90816.00
	Total Plantation			1248720.00
C	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	124872.00
	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			153840.00
2	Loose Stone Wall 200x1.25x0.75			574876.00
3	Clearing of Mesquite stumps including pruning of Singled shoots in first year X 2			6708.00
4	Kikar Sowing in Peripheral Trench			51392.00
4 (a)	First Clearing and spacing of Kikar Sowing			33872.00
4 (b)	Line Sowing of Kikar Seeds			8468.00
	Total Site Specific Requirement Charge (D)			829156.00
E	Felling Charges Volume=	11.65	Rs.1200/- per m3	13980.00
F	Plantation Damage Charges.=	0	Rs. 600/-Plant	0.00
	Total (E+F)			13980.00
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)			91675.00
	GRAND TOTAL (A+B+C+D+E+F+G) TO BE DEPOSITED IN CAMPA FUND			3147505.00

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done in 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 Participation**
- g) Proposed Monitoring Mechanism: - **Checking of plantation works will be RFO, DCF, CF, and DCF (M&E)**
- h) Any other information: - **Nil**

Dated... 05.05.16
Place: - **Gurgaon**


Dy. Conservator of Forest
Gurgaon Forest Division
GURGAON