

Full Title of the Project:

Division of 4.321 hac. of forest land for Improvement of Gurgaon-Alwar Road to Khandisa (NH-8) Via Fazilpur Behrampur Road, Km 0.00 to 4.52, by Executive Engineer, Provn. Div.-II, PWD, B&R Br. Under forest Division and Distt. Guuagram.

File No. :

FP/HR/ROAD/22517/2016

Date of Proposal:

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

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 4.321Hec. of forest land Improvement of Gurgaon-Alwar Road to Badshahpur-Kadarpur via Medawas km 0.00 to 1.00 L&R/side, Under forest Division and Distt. Gurugram.

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

District: -Gurgaon Tehsil: Gurgaon
Forest Division: - Gurgaon Range: Sohna
Block/Compt/Survey No.: - Manesar Section 4 & 5 of PLPA 1900
Area to be afforested: 4321 Plants & 104 Addl. Plants will be planted
GPS Reading:- N 28° 19' 41.77" E 76° 56' 29.72" N 28° 19' 57.13" E 76° 55' 51.55

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: 4.321 Hec.

Area to be planted (One/two/ten times the diverted area) = 4321 Plants & 104 Addl. Plants (5mx4m)

No. of trees to be felled= 302

No. of Plants to be damaged=52

Number of Plants to be planted (@ 1000 Plant per Hec.) = 4321 Plants & 104 Addl. Plants

S.No.	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	4.321	Rs. 8.87 Lacs/Ha.	3832727.00
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	4321	171/- Per Plant	738891.00
2	2nd Year Plantation	4321	52/- Per Plant	224692.00
3	3rd Year Plantation	4321	44/- Per Plant	190124.00
4	4th Year Plantation	4321	48/- Per Plant	207408.00
5	5th Year Plantation	4321	62/- Per Plant	267902.00
6	6th Year Plantation	4321	68/- Per Plant	293828.00
7	7th Year Plantation	4321	75/- Per Plant	324075.00
8	8th Year Plantation	4321	48/- Per Plant	207408.00
9	9th Year Plantation	4321	44/- Per Plant	190124.00
10	10th Year Plantation	4321	48/- Per Plant	207408.00
	Total Plantation			2851860.00

Additional Compensatory Afforestation Scheme

S.No.	Description	Total Area	Rate	Total Amount (Rs.)
D	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	104	171/- Per Plant	17784.00
2	2nd Year Plantation	104	52/- Per Plant	5408.00
3	3rd Year Plantation	104	44/- Per Plant	4576.00
4	4th Year Plantation	104	48/- Per Plant	4992.00
5	5th Year Plantation	104	62/- Per Plant	6448.00
6	6th Year Plantation	104	68/- Per Plant	7072.00
7	7th Year Plantation	104	75/- Per Plant	7800.00
8	8th Year Plantation	104	48/- Per Plant	4992.00
9	9th Year Plantation	104	44/- Per Plant	4576.00
10	10th Year Plantation	104	48/- Per Plant	4992.00
	Total Plantation			68640.00
C	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	292050.00
E	As the Scheme is site Specific Barbed wire will not be charged.			
	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			317295.00
2	Loose Stone Wall 200x1.25x0.75			1185682.00
3	Clearing of Mesquite stumps including pruning of Singled shoots in first year X 2			13835.00
4	Kikar Sowing in Peripheral Trench			105996.00
4(a)	First Clearing and spacing of Kikar Sowing			69861.00
4(b)	Line Sowing of Kikar Seeds			17465.00

93

Total Site Specific Requirement Charge (D)		1710134.00
F	Felling Charges Volume=	159096.00
	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)	267435.00
GRAND TOTAL (A+B+C+D+E+F+G) TO BE DEPOSITED IN CAMPA FUND		9181942.00

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: - **Neem, Papri, Sisham, Kikar etc.**

d) Plantation Method: - **Tall Plant**

e) Soil and Moisture Conservation Works: - **Nil**

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**

Date.....

Place :- Gurgaon.


Dy. Conservator of Forests,
Dy. Conservator of Forest Division
Office Seal Forest Division

GURGAON 