

Full Title of the Project: Diversion of 0.94 Hac. of forest land for Construction of 66 KV sub Station at Village sarai Khwaja Forest Division and District Faridabad state Haryana.

File No. : FP/HR/Road/44046/2020

Date of Proposal:

CHECK LIST SERIAL NUMBER: - 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 0.94 Hac. of forest land for construction of Sub station Village Sarai khwaja .

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

District: - Faridabad Tehsil: Badkhal
Forest Division: - Faridabad Range: Faridabad
Block/Compt/Survey No.: - Gurgaon Feder RD 30 to 55
Area to be Afforested:- 2270 Plants will be planted
GPS Reading N E

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 Faridabad. Plantation will be carried out at Gurgaon Feder RD 30 to 55

.In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: - Gurgaon Feder RD 30 to 55

Topography:-

. Soil type: - Normal.

- 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 Tall Plants norms at 4m X 4m spacing and 250 plants per RKM and it is approved by the PCCF, Haryana's letter No. D-X-66-/1605-25 dated 01.01.2017 at the wages rate of Rs.318.46/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	359.10/- Per Plant
2	2 nd Year Maintenance	115.35/- Per Plant
3	3 rd Year Maintenance	41.89/- Per Plant
4	4 th Year Maintenance	15.58/- Per Plant
5	5 th Year Maintenance	15.58/- Per Plant
6	6 th Year Maintenance	15.58/- Per Plant
7	7 th Year Maintenance	15.58/- Per Plant
8	8 th Year Maintenance	15.58/- Per Plant
9	9 th Year Maintenance	15.58/- Per Plant
10	10 th Year Maintenance	15.58/- Per Plant
	Total Cost.	625.4/-

Area to be diverted: 0.94 Hec.

Area to be planted (One/two/ten times the diverted area) = 100 Plants. (4x4)

No. of trees to be felled= 109

No. of Plants to be damaged= 195

Number of Plants to be planted (@ 1000 Plant per Hec.) = 2270 Plants

	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.94	Rs. 8.87 Lacs/Ha.	833780.00
B	Compensatory Afforestation Charges			
1	1st Year Plantation	1880	359.10/- Per Plant	675108.00
2	2nd Year Plantation	1880	115.35/- Per Plant	216858.00
3	3rd Year Plantation	1880	41.89/- Per Plant	78753.20
4	4th Year Plantation	1880	15.58/- Per Plant	29290.40
5	5th Year Plantation	1880	15.58/- Per Plant	29290.40
6	6th Year Plantation	1880	15.58/- Per Plant	29290.40
7	7th Year Plantation	1880	15.58/- Per Plant	29290.40
8	8th Year Plantation	1880	15.58/- Per Plant	29290.40
9	9th Year Plantation	1880	15.58/- Per Plant	29290.40
10	10th Year Plantation	1880	15.58/- Per Plant	29290.40
	Total of (B)			1175752.00
Additional CA Scheme				
C	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	390	359.10/- Per Plant	140019.00
2	2nd Year Plantation	390	115.35/- Per Plant	44986.50
3	3rd Year Plantation	390	41.89/- Per Plant	16337.10
4	4th Year Plantation	390	15.58/- Per Plant	6076.20
5	5th Year Plantation	390	15.58/- Per Plant	6076.20
6	6th Year Plantation	390	15.58/- Per Plant	6076.20
7	7th Year Plantation	390	15.58/- Per Plant	6076.20
8	8th Year Plantation	390	15.58/- Per Plant	6076.20
9	9th Year Plantation	390	15.58/- Per Plant	6076.20
10	10th Year Plantation	390	15.58/- Per Plant	6076.20
	Total of (C)	0		243906.00
D	Barbed Wire Fencing Charge=	9.08	Rs. 76700 per km.	696436.00
E	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	211609.40
F	Felling Charges Volume=	9.26	Rs.1200/- per m3	11112.00
G	Plantation Damage Charges.=	0	Rs. 600/-Plant	0.00
	Total (F+G)			11112.00
H	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)			95177.86
GRAND TOTAL (A+B+C+D+E+F+G+H) TO BE DEPOSITED IN CAMPA FUND				3267773.26

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - Plantation will be done along Gurgaon Feder RD 30 to 55
Spacing: - 4m X 4m T.P. Planting

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- c) Species: - Neem, Papri, Arjun, Shisham etc.
d) Plantation Method: - Pit Plantation
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: - Faridabad.

Divisional Forest Officer,
Faridabad

FARIDABAD