

Full Title of the Project: Diversion of 3.4912 ha. of Forest Land for special repair for improvement by way of 4 lanning Faridabad Tigaon road from km 0.00 to 1.18 and km 3.02 to 10.50 in Faridabad, under Forest Division and District Faridabad

File No. :

FP/HR/ROAD/125491/2021

Date of Proposal:

CHECK LIST SERIAL NUMBER: - 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 3.4912 ha. of Forest Land for special repair for improvement by way of 4 lanning Faridabad Tigaon road from km 0.00 to 1.18 and km 3.02 to 10.50 in Faridabad, under Forest Division and District Faridabad

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

District: - **Faridabad**

Tehsil: Tigaon and Faridabad

Forest Division: - **Faridabad**

Range: **Ballabgarh and Faridabad**

Block/Compt/Survey No. Pali section 4 and 5 of PLPA, 1900

Area to be Afforested:- **7583 Plants will be planted**

GPS Reading N 28 24 19.03

E 77 12 33.014

N 28 23 56.143

E 77 12 33.049

N 28 24 1.93

E 77 13 7.43

N 28 24 27.91

E 77 13 10.460

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 Pali section 4 and 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 Pali section 4 and 5 of PLPA, 1900**

Soil type: - **Normal.**

Topography:-

a. Hilly/Undulating/Plain

Plain

b. Slope: - Steep/Medium/Gentle

Gentle

p) Whether the area is bearing any root stock of vegetation:- **No**

q) **Plantation Model:-**

r) **Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under ;**

Schedule of Plantation Programme:-

s) **Detail of year wise break-up of requirements of funds is as under:-**

- t) The Plantation is calculated at 4m x 5m spacing as at the wages rate of Rs. 388.44/ per day as under with a 10% enhanced wage rate every year starting from the year 2021-2022 as per details given under to avoid any kind of funds hardships in future:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	Rs. 672.23 Per Plant
2	2 nd Year Maintenance	Rs. 180.67 Per Plant
3	3 rd Year Maintenance	Rs. 101.98 Per Plant
4	4 th Year Maintenance	Rs. 97.48 Per Plant
5	5th Year Maintenance	Rs. 14.52 Per Plant
6	6th Year Maintenance	Rs. 15.25 Per Plant
7	7th Year Maintenance	Rs. 16 Per Plant
8	8th Year Maintenance	Rs. 16.80 Per Plant
9	9th Year Maintenance	Rs. 17.64 Per Plant
10	10th Year Maintenance	Rs. 18.52 Per Plant
	Total Cost.	Rs. 1151.09/-

Area to be diverted: 3.4912Hec.

Area to be planted (One/two/ten times the diverted area) = **10960 Plants. (4x4)**

No. of trees to be felled= 1096

No. of Plants to be damaged= 300

Number of Plants to be planted (@ 1000 Plant per Hec.) = **11560 Plants**

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 st Year cost of afforestation	10960	Rs. 672.23 Per Plant	7367640.8
	(2) 2 nd Year maintenance	10960	Rs. 180.67 Per Plant	1980143.2
	(3) 3 rd Year maintenance	10960	Rs. 101.98 Per Plant	1117700.8
	(4) 4 th Year maintenance	10960	Rs. 97.48 Per Plant	1068380.8
	(5) 5 th Year maintenance	10960	Rs. 14.52 Per Plant	159139.2
	(6) 6 th Year maintenance	10960	Rs. 15.25 Per Plant	167140
	(7) 7 th Year maintenance	10960	Rs. 16 Per Plant	175360

(8) 8 th Year maintenance	10960	Rs. 16.80 Per Plant	184128
(9) 9 th Year maintenance	10960	Rs. 17.64 Per Plant	193334.4
(10) 10 th Year maintenance	10960	Rs. 18.52 Per Plant	202979.2
		Total	12615946.4
(11) Loose stone wall	KM	Rs.1045837/- Per KM	5229185
	5		
Total Charges			17845131.4
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	1784513.14
Total (A) C.A. Charge			19629644.54
B	Add. Compensatory Afforestation Charges		
(1) 1 st Year cost of afforestation	600	Rs. 672.23 Per Plant	403338
(2) 2 nd Year maintenance	600	Rs. 180.67 Per Plant	108402
(3) 3 rd Year maintenance	600	Rs. 101.98 Per Plant	61188
(4) 4 th Year maintenance	600	Rs. 97.48 Per Plant	58488
(5) 5 th Year maintenance	600	Rs. 14.52 Per Plant	8712
(6) 6 th Year maintenance	600	Rs. 15.25 Per Plant	9150
(7) 7 th Year maintenance	600	Rs. 16 Per Plant	9600
(8) 8 th Year maintenance	600	Rs. 16.80 Per Plant	10080
(9) 9 th Year maintenance	600	Rs. 17.64 Per Plant	10584
(10) 10 th Year maintenance	600	Rs. 18.52 Per Plant	11112


	Total (B) Add. C.A. Charges			690654
C	Addl. Supy charges		-	69065.4
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges	30% of the Total CA		3991980.12
	Total (D)			3991980.12
E	Safety Zone (if required)			0
F	Additional Charges (if required)	Qty	Rate	0
	Total (F)			0
G	Net Present Value of Forest Land to be diverted 3.4912 Ha		Rs. 1228590/- per ha.	4289253.408
H		Vol. M ³		0
	Felling charges	584.54	Rs.1200 /- per m ³	701448
I	Splender Bike	1	85000	85000
J	Augar Machine	1	200000	200000
K	Exigency Charges 3% of the total cost of (A+B+C+D+E+F+G+H+I+J)			889711.364
	Grand Total (A+B+C+D+E+F+G+H+I+J+K) to be deposited in CAMPA Fund			30546756.83

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done along** Pali section 4 and 5 of PLPA, 1900
b) Spacing: - **4m X 4 m Ploypots plants**

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- c) Species: - **Neem, Papri , Khairi, Ronjh, Kikar etc.**
d) Plantation Method: - **Polypots Plantation**
e) Soil and Moisture Conservation Works: - **Nil**
f) Protection (Fencing, Watch man, People's Participation etc.): - **Loose stone wall**
g) Proposed Monitoring Mechanism: - **Checking of plantation works will be Pali section 4 and 5 of PLPA, 1900 RFO, DCF, CF, and DCF(M&E)**
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By. Conservator of Forests
Faridabad