

Full Title of the Project: Diversion of 0.44 ha. Of Forest Land for strengthening of service path by constructing a road from Ballabgarh Sector 56 to village Madalpur and Fatehpur km 0.00 to 3.85 on bank of Gurgaon Canal, under Forest Division and District Faridabad

File No. :

FP/HR/ROAD/48699/2020

Date of Proposal:

CHECK LIST SERIAL NUMBER: - 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation in lieu of proposal for Diversion of 0.44 ha. of Forest Land for strengthening of service path by constructing a road from Ballabgarh Sector 56 to village Madalpur and Fatehpur km 0.00 to 3.85 on bank of Gurgaon Canal, under Forest Division and District Faridabad

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

District: - **Faridabad**

Tehsil: Ballabgarh

Forest Division: - **Faridabad**

Range: **Ballabgarh**

Block/Compt/Survey No Dhatir Distry. RD 0-18 L&R

Area to be Afforested:- **3140 Plants will be planted**

GPS Reading N 28 18 7.09

E 77 13 11.7 L side

N 28 15 58.7

E 77 14 32.0 L side

N 28 18 7.06

E 77 13 11.1 R side

N 28 15 58.6

E 77 14 31.6 R side

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 out Dhatir Distry. RD 0-18 L&R**

.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 Dhatir Distry. RD 0-18 L&R**

Soil type: - **Normal.**

Topography:-

a. Hilly/Undulating/Plain

Plain

b. Slope: - Steep/Medium/Gentle

Gentle

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

g) **Plantation Model:-**

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

i) 1. **Schedule of Plantation Programme:-**

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

k) The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 326.82 per day as under:-

l)

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 381.36 Per Plant
2 nd Year maintenance	Rs. 122. 50 Per Plant
3 rd Year maintenance	Rs. 44.48 Per Plant
4 th Year maintenance	Rs. 16.54 Per Plant
5 th Year maintenance	Rs. 16.54 Per Plant
6 th Year maintenance	Rs. 16.54 Per Plant
7 th Year maintenance	Rs. 16.54 Per Plant
8 th Year maintenance	Rs. 16.54 Per Plant
9 th Year maintenance	Rs. 16.54 Per Plant
10 th Year maintenance	Rs. 16.54 Per Plant
Total	Rs. 664.12

Area to be diverted: 0.44 Hec.

Area to be planted (One/two/**ten times** the diverted area) = **1640** Plants. (4x4)

No. of trees to be felled= 164

No. of Plants to be damaged= 757

Number of Plants to be planted (@ 1000 Plant per Hec.) = **3155 Plants**

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 st Year cost of afforestation	1640	Rs. 381.36 Per Plant	625430.4
	(2) 2 nd Year maintenance	1640	Rs. 122. 50 Per Plant	200900
	(3) 3 rd Year maintenance	1640	Rs. 44.48 Per Plant	72947.2
	(4) 4 th Year maintenance	1640	Rs. 16.54 Per Plant	27125.6
	(5) 5 th Year maintenance	1640	Rs. 16.54 Per Plant	27125.6
	(6) 6 th Year maintenance	1640	Rs. 16.54 Per Plant	27125.6


(7) 7 th Year maintenance	1640	Rs. 16.54 Per Plant	27125.6
(8) 8 th Year maintenance	1640	Rs. 16.54 Per Plant	27125.6
(9) 9 th Year maintenance	1640	Rs. 16.54 Per Plant	27125.6
(10) 10 th Year maintenance	1640	Rs. 16.54 Per Plant	27125.6
		Total	1089156.8
(11) Barbed wire fencing charge	RKM	Rs.200000/- Per RKM	1312000
	6.56		
Total Charges			2401156.8
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	240115.68
Total (A) C.A. Charge			2641272.48
B Add. Compensatory Afforestation Charges			
(1) 1 st Year cost of afforestation	1515	Rs. 381.36 Per Plant	577760.4
(2) 2 nd Year maintenance	1515	Rs. 122. 50 Per Plant	185587.5
(3) 3 rd Year maintenance	1515	Rs. 44.48 Per Plant	67387.2
(4) 4 th Year maintenance	1515	Rs. 16.54 Per Plant	25058.1
(5) 5 th Year maintenance	1515	Rs. 16.54 Per Plant	25058.1
(6) 6 th Year maintenance	1515	Rs. 16.54 Per Plant	25058.1
(7) 7 th Year maintenance	1515	Rs. 16.54 Per Plant	25058.1
(8) 8 th Year maintenance	1515	Rs. 16.54 Per Plant	25058.1

	(10) 10 th Year maintenance	1515	Rs. 16.54 Per Plant	25058.1
	(11) Barbed wire fencing charge	RKM	Rs.200000/- Per RKM	1200000
		6		
	Total (B) Add. C.A. Charges			2206141.8
C	Penal C.A.		-	0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	1454224.284
	Total (D)			1454224.284
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 0.44 Ha		Rs. 887000/- per ha.	390280
H	Felling charges	Vol. M ³		0
		394.7	Rs.1200 /- per m ³	473640
	Exigency Charges 3% of the total cost of (A+B+C+D+E+F+G+H)			214966.7569
I	Grand Total (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund			7380525.321

5. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done along Dhatia distributory RD 0-18 LTR**
- b) Spacing: - **4m X 4 m tall plants**
- c) Species: - **Neem, Papri, Pipal, Bar, C.samia etc.**
- d) Plantation Method: - **Tall 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 Dhatia DISTRICT RD 0-18 RFO, DCF, CF, and DCF(M&E)**


Jy. Conservator of Forests
Faridabad