

Full Title of the Project: Diversion of 1.7 Ha of forest land for construction of 6 lane connectivity to Jewar International Airport from DND Faridabad Bye pass (from km 32.600) Expressway under Bharatmala Pariyojna (Lot No. 4, Package-1) Faridabad
File No. : FP/HR/ROAD/150741/2022
Date of Proposal: _____

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

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of 1.7 Ha of forest land for construction of 6 lane connectivity to Jewar International Airport from DND Faridabad Bye pass (from km 32.600) Expressway under Bharatmala Pariyojna(Lot No. 4,Package-1) Faridabad

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

District: - Faridabad Tehsil: Ballabgarh
Forest Division: - Faridabad Range: Ballabgarh
Block/Compt/Survey No.: - Sirohi Section 4 and 5 of PLPA, 1900
Area to be Afforested:- 3664 Plants will be planted
GPS Reading N 28 18 4.0
E 77 09 5.7

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** :- Sirohi 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** . :- Sirohi Section 4 and 5 of PLPA, 1900.

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

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 Small Plants norms at 4m X 4m spacing and 1000 plants per Ha. and it is approved by the PCCF, Haryana's letter No. 109 Dated 20.05.2022 at the wages rate of Rs.388.42/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	Rs. 397.34 Per Plant
2	2 nd Year Maintenance	Rs. 91.32 Per Plant

3	3 rd Year Maintenance	Rs. 55.96 Per Plant
4	4 th Year Maintenance	Rs. 24.7 Per Plant
5	5th Year Maintenance	Rs. 24.7 Per Plant
6	6th Year Maintenance	Rs. 24.7 Per Plant
7	7th Year Maintenance	Rs. 24.7 Per Plant
8	8th Year Maintenance	Rs. 24.7 Per Plant
9	9th Year Maintenance	Rs. 24.7 Per Plant
10	10th Year Maintenance	Rs. 24.7 Per Plant
	Total Cost.	Rs. 717.52/-

Area to be diverted: 1.7 hec.

Area to be planted (One/two/ten times the diverted area) = **3400 plants.**

No. of trees to be felled= 60

No. of Plants to be damaged=132

Number of Plants to be planted (@ 1100 Plant per Hec.) = **3664 Plants**

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 st Year cost of afforestation	3400	Rs. 397.34 Per Plant	1350956
	(2) 2 nd Year maintenance	3400	Rs. 91.32 Per Plant	310488
	(3) 3 rd Year maintenance	3400	Rs. 55.96 Per Plant	190264
	(4) 4 th Year maintenance	3400	Rs. 24.7 Per Plant	83980
	(5) 5 th Year maintenance	3400	Rs. 24.7 Per Plant	83980
	(6) 6 th Year maintenance	3400	Rs. 24.7 Per Plant	83980
	(7) 7 th Year maintenance	3400	Rs. 24.7 Per Plant	83980
	(8) 8 th Year maintenance	3400	Rs. 24.7 Per Plant	83980

(9) 9 th Year maintenance	3400	Rs. 24.7 Per Plant	83980
(10) 10 th Year maintenance	3400	Rs. 24.7 Per Plant	83980
		Total	2439568
(11) Loose stone wall charges	KM	Rs.1045837/- Per KM	836669.6
	0.8		
Total Charges			3276237.6
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	327623.76
Total (A) C.A. Charge			3603861.36
B Add. Compensatory Afforestation Charges			
(1) 1 st Year cost of afforestation	264	Rs. 397.34 Per Plant	104897.76
(2) 2 nd Year maintenance	264	Rs. 91.32 Per Plant	24108.48
(3) 3 rd Year maintenance	264	Rs. 55.96 Per Plant	14773.44
(4) 4 th Year maintenance	264	Rs. 24.7 Per Plant	6520.8
(5) 5 th Year maintenance	264	Rs. 24.7 Per Plant	6520.8
(6) 6 th Year maintenance	264	Rs. 24.7 Per Plant	6520.8
(7) 7 th Year maintenance	264	Rs. 24.7 Per Plant	6520.8
(8) 8 th Year maintenance	264	Rs. 24.7 Per Plant	6520.8
(9) 9 th Year maintenance	264	Rs. 24.7 Per Plant	6520.8

	(10) 10 th Year maintenance	264	Rs. 24.7 Per Plant	6520.8
			Total	189425.28
	Total (B) Add. C.A. Charges			189425.28
C	Addl. Supy charages		10% on the CA charges	18942.528
	Total (B+C)			208367.808
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	1081158.408
	Total (D)			1081158.408
E	Safety Zone (if required)			0
F	Additional Charges (if required)	Qty	Rate	0
	Total (F)			0
H		Vol. M ³		0
	Felling charges	7.8	Rs.1200 /- per m ³	9360
I	Exigency Charges 3% of the total cost of (A+B+C+D+E+F+G+H)			147082.4273
	Grand Total (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund			5049830.003

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details: - **Plantation will be done along Sirohi section 4&5**
- Spacing: - **4m X 4m T.P Planting**
- Species: - **Neem, Pipal , Bad etc.**
- Plantation Method: - **Pit Plantation**
- Soil and Moisture Conservation Works: - **Nil**
- Protection (Fencing, Watch man, People's Participation etc.): - **lose stone wall**
- Proposed Monitoring Mechanism: - **Checking of plantation works will be Sirohi section 4&5 RFO, DCF, CF, and DCF (M&E)**

Dy. Conservator of Forests
Fardipahad

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NET PRESENT VALUE

S.No	DESCRIPTION	RATE	TOTAL AMOUNT (Rs.)
A	Net Present Value of Forest Land to be diverted 1.7 Ha	Rs. 1228590/- per ha.	2088603
	Total Net Present Value		2088603


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Faridabad