

Full Title of the Project: Diversion of 0.8886 Ha of forest land for construction of Greenfield connectivity to Jewear International Airport from DND Faridabad Ballabgarh Bypass KMP link Spur to Delhi Mumbai Expressways under Bharatmala Pariyojna, Faridabad

File No. : **FP/HR/road/149539/2021**

Date of Proposal:

CHECK LIST SERIAL NUMBER: - 18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation in lieu of proposal for Diversion of 0.8886 Ha of forest land for construction of Greenfield connectivity to Jewear International Airport from DND Faridabad Ballabgarh Bypass KMP link Spur to Delhi Mumbai Expressways under Bharatmala Pariyojna, Faridabad

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

District: - **Faridabad** Tehsil: **Ballabgarh**
Forest Division: - **Faridabad** Range: **Ballabgarh**
Block/Compt/Survey No.: - **Dhoj Section 4 and 5**
Area to be Afforested:- **2408 Plants will be planted**
GPS Reading N 28 20 17.63
E 77 10 41.83
N 28 20 16.14
E 77 10 57.26
N 28 20 36.36
E 77 10 04.11
N 28 20 41.22
E 77 10 46.79

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 Dhoj Section 4 and 5**

.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 Dhoj Section 4 and 5**

Soil type: - **Normal.**

Topography:-

-
- | | | |
|----|------------------------------|---------------|
| a. | Hilly/Undulating/Plain | Plain |
| b. | Slope: - Steep/Medium/Gentle | Gentle |

- 1) 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 **3m X 3m** spacing and **1100 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. 110.03 Per Plant
2	2 nd Year Maintenance	Rs. 35.77 Per Plant
3	3 rd Year Maintenance	Rs. 20.13 Per Plant
4	4 th Year Maintenance	Rs. 5.67 Per Plant
5	5th Year Maintenance	Rs. 5.67 Per Plant
6	6th Year Maintenance	Rs. 5.67 Per Plant
7	7th Year Maintenance	Rs. 5.67 Per Plant
8	8th Year Maintenance	Rs. 5.67 Per Plant
9	9th Year Maintenance	Rs. 5.67 Per Plant
10	10th Year Maintenance	Rs. 5.67 Per Plant
	Total Cost.	Rs. 205.62-

Area to be diverted: 0.8886 Hec.

Area to be planted (One/two/ten times trees to be felled) = 2120 Plants. (3x3)

No. of trees to be felled=212

No. of Plants to be damaged= 144

Number of Plants to be planted (@ 1000 Plant per Hec.) =2408 Plants

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plant		
	(1) 1 st Year cost of afforestation	2120	Rs. 110.03 Per Plant	233263.6
	(2) 2 nd Year maintenance	2120	Rs. 35.77 Per Plant	75832.4
	(3) 3 rd Year maintenance	2120	Rs. 20.13 Per Plant	42675.6
	(4) 4 th Year maintenance	2120	Rs. 5.67 Per Plant	12020.4
	(5) 5 th Year maintenance	2120	Rs. 5.67 Per Plant	12020.4

(6) 6 th Year maintenance	2120	Rs. 5.67 Per Plant	12020.4
(7) 7 th Year maintenance	2120	Rs. 5.67 Per Plant	12020.4
(8) 8 th Year maintenance	2120	Rs. 5.67 Per Plant	12020.4
(9) 9 th Year maintenance	2120	Rs. 5.67 Per Plant	12020.4
(10) 10 th Year maintenance	2120	Rs. 5.67 Per Plant	12020.4
		Total	435914.4
(11) loose stone wall	KM 0.89	Rs.1045837/- Per RKM	930794.93
Total Charges			1366709.33
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	136670.933
Total (A) C.A. Charge			1503380.26
B	Add. Compensatory Afforestation Charges		
	(1) 1 st Year cost of afforestation	288	Rs. 110.03 Per Plant 31688.64
	(2) 2 nd Year maintenance	288	Rs. 35.77 Per Plant 10301.76
	(3) 3 rd Year maintenance	288	Rs. 20.13 Per Plant 5797.44
	(4) 4 th Year maintenance	288	Rs. 5.67 Per Plant 1632.96
	(5) 5 th Year maintenance	288	Rs. 5.67 Per Plant 1632.96
	(6) 6 th Year maintenance	288	Rs. 5.67 Per Plant 1632.96

	(7) 7 th Year maintenance	288	Rs. 5.67 Per Plant	1632.96
	(8) 8 th Year maintenance	288	Rs. 5.67 Per Plant	1632.96
	(9) 9 th Year maintenance	288	Rs. 5.67 Per Plant	1632.96
	(10) 10 th Year maintenance	288	Rs. 5.67 Per Plant	1632.96
			Total	59218.56
	Total (B) Add. C.A. Charges			59218.56
C	Addl. Supy charages		10% on the CA charges	5921.856
	Total (B+C)			65140.416
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	451014.079
	Total (D)			451014.079
E	Safety Zone (if required)			0
F	Additional Charges (if required)	Qty	Rate	0
	Total (F)			0
H		Vol. M ³		0
	Felling charges	135.71	Rs.1200 /- per m ³	162852
I	Exigency Charges 3% of the total cost of (A+B+C+D+E+F+G+H)			65471.6027
	Grand Total (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund			2247858.36

5. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- a. General Details: - **Plantation will be done along Dhoj Section 4 and 5**
- b) Spacing: - **3m X 3m small plants Planting**
- c) Species: - **Khairi, Ronj, P.papri 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
Dhoj Section 4 and 5
RFO, DCF, CF, and DCF (M&E)**


Dy. Conservator of Forests
Faridabad

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NET PRESENT VALUE

S.No	DESCRIPTION	RATE	TOTAL AMOUNT (Rs.)
A	Net Present Value of Forest Land to be diverted 0.8886 Ha	Rs. 1228590/- per ha.	1091725.07
	Total Net Present Value		1091725.07


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