

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: - 20

"LAND SUITABILITY CERTIFICATE BY DFO CONCERNED"

This is to certify that 2408 Plants will be planted on Dhoj section 4 and 5. The said area is protected Forest Area. The land identified for Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Dated.....

Place: - Faridabad


Dy. Conservator of Forests
Faridabad

17-01-23

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"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)**


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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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LOCATION MAP

Location Map of Degraded Forest Area identified 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.

Tehsil: - Ballabgarh

District: - **Faridabad**

Forest Division:- **Faridabad**

Forest Range: -Ballabgarh

Block No. /Compt No. /Survey No.: Dhoj Section 4 and 5

Area to be afforested:- **2388 plants will be planted**

Map attached for Compensatory Afforestation


Dy. Conservator of Forests
Faridabad

Date.....

Place: **Faridabad.**

Geo Referenced map of Compensatory Plantation site for Construction of Greenfield connectivity to Jewar International Airport from DND- Faridabad-Ballabhgarh Bypass KMP-link-Spur to Delhi Mumbai Expressways under Bharatmala Pariyojna (Lot 4/Package-1) in the Faridabad Forest Division, Faridabad District. (Section from Design Ch. 0+000 To Design Ch. 19+100) in the State of Haryana

77°10'25.28"E

77°10'38.064"E

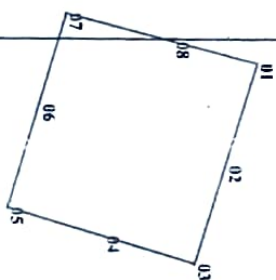
77°10'50.880"E

77°11'13.696"E

77°11'16.512"E

77°11'29.328"E

Dhauli Section 4 & 5
Area proposed for compensatory Plantation - 5.0 Ha.
Affected trees in proposed forest land - 210 nos.
No of trees proposed for plantation - 2100 @ 10 times of affected trees



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Faridabad

Legend

GPS Point
CP Site

0 100 200 300 400 500 600 m

GPS Point	X	Y
1	28° 20' 25.456" N	77° 10' 51.816" E
2	28° 20' 24.308" N	77° 10' 55.76" E
3	28° 20' 23.193" N	77° 10' 59.598" E
4	28° 20' 19.726" N	77° 10' 58.54" E
5	28° 20' 16.061" N	77° 10' 57.442" E
6	28° 20' 17.22" N	77° 10' 53.438" E
7	28° 20' 18.19" N	77° 10' 49.89" E
8	28° 20' 22.263" N	77° 10' 50.986" E

28°20'25.444"N

28°20'15.360"N

28°20'28.176"N

28° 20' 25.444" N

28°20'15.360"N

28°20'28.176"N

77°10'25.28"E

77°10'38.064"E

77°10'50.880"E

77°11'13.696"E

77°11'16.512"E

77°11'29.328"E

Location of Compensatory Plantation site for Construction of Greenfield connectivity to Jewar international Airport from DND- Faridabad-Ballabhgarh Bypass KMP-link –Spur to Delhi Mumbai Expressways under Bharatmala Pariyojna (Lot 4/Packagc-I) in the Faridabad Forest Division, Faridabad District, (Section from Design Ch. 0+000 To Design Ch. 19+100) in the State of Haryana

