

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: - 20

“LAND SUITABILITY CERTIFICATE BY DFO CONCERNED”

This is to certify that **3664 plants** will be planted on Sirohi Section 4 and 5 of PLPA, 1900. The said area is PLPA Forest. 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 23-12-2022

Place: - Faridabad


Dy. Conservator of Forests
Faridabad

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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

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

77°9'33.984"E

77°9'46.800"E

77°9'59.616"E

77°10'12.432"E

77°10'25.248"E

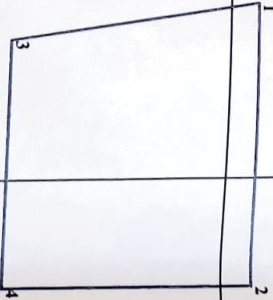
28°18'58.464"N

28°18'45.648"N

28°18'32.832"N

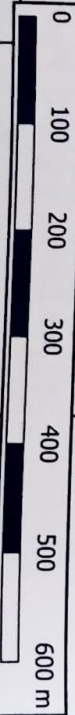
28°18'20.016"N

CA Site in Lieu of 1.7 Hectare Diversion of Forest Land
Polygon Area - 7.0 Hectare
Proposed Area for Plantation - 3.7 Ha.



LEGENDS

- GPS Point
- CP Site



GPS Point	X	Y
1	77.1649087436995	28.31236326813
2	77.1675414316655	28.3124419034685
3	77.16511756749908	28.31046746521422
4	77.16743733465393	28.31057891428755

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77°10'12.432"E

77°10'25.248"E

28°18'20.016"N

28°18'32.832"N

28°18'45.648"N

28°18'58.464"N

Location of Compensatory Plantation site (6.0 ha.) in lieu of Diversion of 1.7 Ha. Protected Forest land for Construction of Greenfield connectivity to Jewar international Airport from DND, Faridabad-Ballabhgarh Bypass K.M.P-link-Spur to Delhi Mumbai Expressways under Bharatmala Pariyojna (Lot 4/Package-I) in the Faridabad Forest Division, (Section from Design Ch. 0+000 to Design Ch. 19+100) in the

