

Full Title of the Project: Diversion of 0.2215 Ha. of Forest land for access to warehouse on Jhajjar-Farukhnagar-Gurugram road at Km 7.700 (LHS), in Village Durina by M/s Aaravalli Logistics Park Pvt. Ltd., Gugugram under Forest Division & Dist. Jhajjar.

Proposal No. : FP/HR/Approach/154368/2022

Date of Proposal: 28 June, 2022

CHECK LIST SERIAL NUMBER:-17
"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted

Forest Area = 0.2215Ha.

Details of degraded forest land/non-forest land where C.A. is to be carried out.

Division:- **Jhajjar** District :- **Jhajjar** Tehsil: **Jhajjar** Range:- **Jhajjar**

Loharu Feeder RD 0 to 5, L&R, Side

Start L/S E 28° 42' 37.99" N 76° 31' 29.65" R/S E 28° 42' 38.09" N 76° 31' 29.46"

End L/S E 28° 41' 58.67" N 76° 30' 47.47" R/S E 28° 41' 59.24" N 76° 30' 46.82"

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):
- b) If the CA site is other than the land bank, reasons be given:-
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary :-
 - i) Soil type: **Good**
 - ii) Topography a. Hilly/Undulating/Plain: **Plain**
b. Slope:-Steep/Medium/Gentle: **Gentle**
 - iii) Whether the area is bearing any root stock of vegetation:- **No**

Plantation Model:-

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

1. Schedule of Plantation Programme:-

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

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs 388.12 per day Cost considering an increase by 10% every year in Wage rates as per annexure 1) as under:-

Annexure-1

Year	Wage Rate (in Rs.)
1 st Year cost of afforestation	409.33 x 1.1=450.26
2 nd Year maintenance	94.08 x (1.1) ² =113.84
3 rd Year maintenance	57.65 x (1.1) ³ =76.73
4 th Year maintenance	25.44 x (1.1) ⁴ =37.25
5 th Year maintenance	25.44 x (1.1) ⁵ =40.97
6 th Year maintenance	25.44 x (1.1) ⁶ =45.07
7 th Year maintenance	25.44 x (1.1) ⁷ =49.58
8 th Year maintenance	25.44 x (1.1) ⁸ =54.53
9 th Year maintenance	25.44 x (1.1) ⁹ =59.99
10 th Year maintenance	25.44 x (1.1) ¹⁰ =65.98
Total	994.20

Area to be Diverted : 0.2215ha.

No. of Trees to be felled : 25 = 1.58 m³

No. of Plants to be damaged : 153

Area to be planted under normal CA 0.443 ha. (Double the area of to be diverted)

Plants to be Planted under normal CA : 443 plants (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = 306 no.

Area to planted under Addl. CA : 0.306 ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 749plants

Total Area to be planted (CA+Addl.CA) : 0.749 (@ 1000 plants per ha.)

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)	
A	Compensatory Afforestation Charges	No. of Plant			
	(1) 1 st Year cost of afforestation	443	Rs. 450.26 Per Plant	199465	
	(2) 2 nd Year maintenance	443	Rs. 113.84 Per Plant	50431	
	(3) 3 rd Year maintenance	443	Rs. 76.73 Per Plant	33991	
	(4) 4 th Year maintenance	443	Rs. 37.25 Per Plant	16502	
	(5) 5 th Year maintenance	443	Rs. 40.97 Per Plant	18150	
	(6) 6 th Year maintenance	443	Rs. 45.07 Per Plant	19966	
	(7) 7 th Year maintenance	443	Rs. 49.58 Per Plant	21964	
	(8) 8 th Year maintenance	443	Rs. 54.53 Per Plant	24157	
	(9) 9 th Year maintenance	443	Rs. 59.99 Per Plant	26576	
	(10) 10 th Year maintenance	443	Rs. 65.98 Per Plant	29229	
	(11) Barbed wire fencing charge	RKM 7	Rs.200000/- Per RKM	1400000	
	Total Charges				1840431
	Supervisory / Overhead / Miscellaneous Charges			10% on the CA charges	184043
Total (A) C.A. Charge				2024474	
B	Additional Compensatory Afforestation Charges				
	(1) 1 st Year cost of afforestation	306	Rs. 450.26 Per Plant	137780	
	(2) 2 nd Year maintenance	306	Rs. 113.84 Per Plant	34835	
	(3) 3 rd Year maintenance	306	Rs. 76.73 Per Plant	23479	
	(4) 4 th Year maintenance	306	Rs. 37.25 Per Plant	11399	
	(5) 5 th Year maintenance	306	Rs. 40.97 Per Plant	12537	
	(6) 6 th Year maintenance	306	Rs. 45.07 Per Plant	13791	
	(7) 7 th Year maintenance	306	Rs. 49.58 Per Plant	15171	
	(8) 8 th Year maintenance	306	Rs. 54.53 Per Plant	16686	

	(9) 9 th Year maintenance	306	Rs. 59.99 Per Plant	18357
	(10) 10 th Year maintenance	306	Rs. 65.98 Per Plant	20190
	(11) Barbed wire fencing charge	RKM 0	Fencing include in CA fencing	0
	Total (B) Addl. C.A. Charges			304225
C	Penal C.A.			0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges	30% of the Total CA		607342
	Total (D)			
E	Safety Zone (if required)			
F	Additional Charges (if required)	Removal of Pula & Jhunda		23890
	Total (F)			
G	Felling charges	Vol. M ³ 1.58	Rs.1400 /- per m ³	2212
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund			2962143

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- $4 \times 2\frac{1}{2}$ meter
- Species:- Neem, Jamun, Shisham, Papri etc.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works
- Protection (Fencing, Watch man, People's Participation etc.):- **Fencing**
- Proposed Monitoring Mechanism:- **(M&E)**,
- Any Other information:- Nil.

Place : Jhajjar

Date

V.K. Singh
Dy. Conservator of Forest
Jhajjar Forest Division
Office Sub-Territorial JHAJJAR.....

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NPV Scheme

Eco Class Name	NPV Rate	Diverted Area	Total NPV
1	2	3	4=3*2
Eco Class-III, Open	Rs. 957780/- per ha.	0.2215 Ha.	212148

Place : Jhajjar

Date

V.K. Singh
Dy. Conservator of Forests
Jhajjar Forest Division
Office S
Territorial JHAJJAR.....
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