

Full Title of the Project: Diversion of 0.0902Ha. of forest land for access to approach road of proposed site of retail outlet of (MS/ISD) of IOCL situated at Village Nogaon on Matanhail-Jharli Road (L/Side) of Block Matanhail By M/s IOCL Gurgaon in District Jhajjar.

Proposal No. : FP/HR/Approach/149057/2021

Date of Proposal: 06 November, 2021

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

Name of the Forest/Reach to diverted

Ha. of Forest Area to be diverted for = 0.0902

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

Division:- Jhajjar District:- Jhajjar Tehsil:- Matanhail Range:- Matanhail

Malivawas Minor RD o to 3 L/side

Start L/s N 28° 51' 84.02" E 76° 42' 17.77"
End L/s N 28° 51' 65.53" E 76° 42' 91.74"

- Area to be Afforested :-
- Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No):
 - 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 :-
 - Soil type: Good
 - Topography
 - Hilly/Undulating/Plain: Plain
 - Slope:-Steep/Medium/Gentle: Gentle
 - 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. 377.04 per day Cost considering an increase by 10% every year in Wage rates as per annexure 1) as under:-

Year	Wage Rate (in Rs.)
1 st Year cost of afforestation	388.64 x 1.1=427.5
2 nd Year maintenance	92.92 x (1.1) ² =112.43
3 rd Year maintenance	55.01 x (1.1) ³ =73.21
4 th Year maintenance	22.80 x (1.1) ⁴ =33.38
5 th Year maintenance	22.80 x (1.1) ⁵ =36.72
6 th Year maintenance	22.80 x (1.1) ⁶ =40.39
7 th Year maintenance	22.80 x (1.1) ⁷ =44.43
8 th Year maintenance	22.80 x (1.1) ⁸ =48.87
9 th Year maintenance	22.80 x (1.1) ⁹ =53.76
10 th Year maintenance	22.80 x (1.1) ¹⁰ =59.13
Total	929.82

Area to be Diverted : 0.0902ha.

No. of Trees to be felled : 11 = 7.89m³

No. of Plants to be damaged :21

Area to be planted under normal CA: 0.180 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 180 plants (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = 42 no.

Area to planted under Addl. CA : 42 ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 222plants

Total Area to be planted (CA+Addl.CA) : 0.222Ha (@ 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	180	Rs. 427.5 Per Plant	76950
	(2) 2 nd Year maintenance	180	Rs. 112.43 Per Plant	20237
	(3) 3 rd Year maintenance	180	Rs. 73.21 Per Plant	13178
	(4) 4 th Year maintenance	180	Rs. 33.38 Per Plant	6008
	(5) 5 th Year maintenance	180	Rs. 36.72 Per Plant	6610
	(6) 6 th Year maintenance	180	Rs. 40.39 Per Plant	7270
	(7) 7 th Year maintenance	180	Rs. 44.43 Per Plant	7997
	(8) 8 th Year maintenance	180	Rs. 48.87 Per Plant	8797
	(9) 9 th Year maintenance	180	Rs. 53.76 Per Plant	9677
	(10) 10 th Year maintenance	180	Rs. 59.13 Per Plant	10643
	(11) Barbed wire fencing charge	RKM 1.532	Rs.200000/- Per RKM	306400
	Total Charges			473767
	Supervisory / Overhead / Miscellaneous Charges			47376
	10% on the CA charges			47376
	Total (A) C.A. Charge			521143
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	42	Rs. 427.5 Per Plant	17955
	(2) 2 nd Year maintenance	42	Rs. 112.43 Per Plant	4722
	(3) 3 rd Year maintenance	42	Rs. 73.21 Per Plant	3075
	(4) 4 th Year maintenance	42	Rs. 33.38 Per Plant	1402
	(5) 5 th Year maintenance	42	Rs. 36.72 Per Plant	1542

	(6) 6 th Year maintenance	42	Rs. 40.39 Per Plant	1696
	(7) 7 th Year maintenance	42	Rs. 44.43 Per Plant	1866
	(8) 8 th Year maintenance	42	Rs. 48.87 Per Plant	2053
	(9) 9 th Year maintenance	42	Rs. 53.76 Per Plant	2258
	(10) 10 th Year maintenance	42	Rs. 59.13 Per Plant	2483
	(11) Barbed wire fencing charge	RKM	Rs.200000/- Per RKM	0
		0	(including in CA Scheme)	
	Total (B) Addl. C.A. Charges			39052
C	Penal C.A.			0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	0
	Total (D)			
E	Safety Zone (if required)			
F	Additional Charges (if required)		0	0
	Total (F)			
G	Felling charges	Vol. M ³ 7.89	Rs.1400 /- per m ³	11046
	Grand Total (A+B+C+D+E+F) to be deposited in CAMPA Fund			571241

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacement:- 4 × 2½ 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
27/9/23
Dy. Conservator of Forests
Territorial JHAJJAR
Jhajjar Forest Division.
Office Seal.....