

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/HSD) 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

Maliyawas 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"

Date of

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 ;

I. 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	$388.64 \times 1.1 = 427.5$
2 nd Year maintenance	$92.92 \times (1.1)^2 = 112.43$
3 rd Year maintenance	$55.01 \times (1.1)^3 = 73.21$
4 th Year maintenance	$22.80 \times (1.1)^4 = 33.38$
5 th Year maintenance	$22.80 \times (1.1)^5 = 36.72$
6 th Year maintenance	$22.80 \times (1.1)^6 = 40.39$
7 th Year maintenance	$22.80 \times (1.1)^7 = 44.43$
8 th Year maintenance	$22.80 \times (1.1)^8 = 48.87$
9 th Year maintenance	$22.80 \times (1.1)^9 = 53.76$
10 th Year maintenance	$22.80 \times (1.1)^{10} = 59.13$
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
A	(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			
	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	Net Present Value of Forest Land to be Diverted		Rs. 957780 /- per ha.	86392
H	Felling charges	Vol. M ³	Rs.1400 /- per m ³	11046
		7.89		
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund			657633

2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacement:- $4 \times 2\frac{1}{2}$ 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
10/11/23
Dy. Conservator of Forest
Jhajjar Forest Division.
Territorial JHAJJAR
Office Seal.....