

Full Title of the Project: Diversion of 0.105 ha. for forest land for access to the Proposal retail outlet of IOCL abutting on Gurgoan-Alwar Road (NH-248A) at Chainage-60.438 (LHS) at Village Madhi, Tehsil Ferozpur Jhirka Forest Division & District Mewat-Nuh, Haryana.

Online Proposal No. FP/HR/Others/14524/2015
Date of Proposal: 28-08-2015

CHECK LIST SERIAL NUMBER:-18 "SCHEME FOR C.A."

Name of the Forest/Reach to be diverted:

Diversion of forest land for access to retail outlet of **IOCL along Gurgoan-Alwar Road (NH-248A) at Chainage-60.438 (LHS) at Village Madhi, Tehsil Ferozpur Jhirka Forest Division & District Mewat-Nuh, Haryana..**

Forest Area = **0.105 ha.**

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

Division **Mewat-Nuh** District **Mewat-Nuh**

Tehsil **FP. Jhirka** Range: **FP. Jhirka**

C.A. Site name : **Ghata Shamshabad Section 4 & 5 area**

GPS Reading : N 27° 44' 47.3" E 77° 00' 43.4"

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): **Yes**
- b) If the CA site is other than the land bank, reasons be given:- **N.A.**
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: **Sandy to Sandy Loam.**
 - ii) Topography a. Hilly/Undulating/Plain: **Undulating**
b. Slope:-Steep/Medium/Gentle: **Gentle to steep**
 - iii) Whether the area is bearing any root stock of vegetation:- **At some hilly places.**

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 and it is approved by the PCCF, Haryana's letter No. Misc- 4612-32 CA dated 01.01.2015 at the wage rate of Rs. 224/- per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 172/- Per Plant
2 nd Year maintenance	Rs. 64/- Per Plant
3 rd Year maintenance	Rs. 32/- Per Plant
4 th Year maintenance	Rs. 25/- Per Plant
5 th Year maintenance	Rs. 26/- Per Plant
6 th Year maintenance	Rs. 15/- Per Plant
7 th Year maintenance	Rs. 8/- Per Plant
8 th Year maintenance	Rs. 9/- Per Plant
9 th Year maintenance	Rs. 10/- Per Plant
10 th Year maintenance	Rs. 11/- Per Plant
Total	Rs. 372/-

Area to be Diverted = **0.105 ha.**

No. of trees to be felled= 0

Plants to be damaged= 0

Area to be planted = Two time of the area to be diverted= **0.105x2=0.210 ha.**

Plants to be Planted = **210 (@ 1000 plant per ha.)**

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 st Year cost of afforestation	210	Rs. 172/- Per Plant	36120
	(2) 2 nd Year maintenance		Rs. 64/- Per Plant	13440
	(3) 3 rd Year maintenance		Rs. 32/- Per Plant	6720
	(4) 4 th Year maintenance		Rs. 25/- Per Plant	5250
	(5) 5 th Year maintenance		Rs. 26/- Per Plant	5460
	(6) 6 th Year maintenance		Rs. 15/- Per Plant	3150
	(7) 7 th Year maintenance		Rs. 8/- Per Plant	1680
	(8) 8 th Year maintenance		Rs. 9/- Per Plant	1890
	(9) 9 th Year maintenance		Rs. 10/- Per Plant	2100
	(10) 10 th Year maintenance		Rs. 11/- Per Plant	2310
	(11) Barbed wire fencing charge= 0.0840 RKM		Rs.76700/- Per RKM	64428
	Total Charges			142548
B	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	14255
	Sub Total (A) Total C.A. Charges			156803
	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation			0
	(2) 2 nd Year maintenance			0
	(3) 3 rd Year maintenance			0
	(4) 4 th Year maintenance			0
	(5) 5 th Year maintenance			0

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	(6) 6 th Year maintenance		0
	(7) 7 th Year maintenance		0
	(8) 8 th Year maintenance		0
	(9) 9 th Year maintenance		0
	(10) 10 th Year maintenance		0
	(11) Barbed wire fencing charge=		0
	Sub Total (B) Total Addl. C.A. Charges		0
C	Penal C.A.		0
D	Catchment Area Treatment		
	Soil and Moisture Conservation	30% of the Total CA	47041
	Sub Total (D)		47041
E	Safety Zone		0
F	Additional Charges		0
	Sub Total (F)		0
G	Net Present Value of Forest Land to be diverted	Rs. 887000/- per ha.	93135
H	Felling charges = m³	Rs.800 /- per m ³	0
I	Plantation damage charges =	Rs. 236/- per plant	0
	GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund		296979

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:- Shisham, Papri, Neem.
- 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:

Dated :

[Signature]
Divisional Forest Officer
Mewar Forest Divn.
NUH

Note : CF (T) should countersign this C.A. scheme if area to be afforested is more than 5 hectare.