

Full Title of the Project: Diversion of 0.0448 ha. of forest land for proposed New Retail Outlet of IOCL between Km Stone 674-677 on NH-44 (Old NH-1) LHS Delhi to Ambala, Near Km Stone No. 675 at Village Sanwla under Forest Division & Distt. Kurukshetra

File No. : FP/HR/APPROACH/149400/2021

Date of Proposal: 09-12-2021

CHECK LIST SERIAL: NUMBER -18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted :

Full Title of the Project: Diversion of 0.0448 ha. of forest land for proposed New Retail Outlet of IOCL between Km Stone 674-677 on NH-44 (Old NH-1) LHS Delhi to Ambala, Near Km Stone No. 675 at Village Sanwla under Forest Division & Distt. Kurukshetra

Forest Area =0.0448..... ha.

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

Division & District Kurukshetra

Tehsil & Range Thanesar

C.A. Site name : **Thanesar Distributary RD 14-30**

Area to be Afforested:-

- c) Whether the site selected for Compensatory Afforestation is a Land bank (yes or No.) : No
- d) If the CA site is other than the land bank, reason be given :- **There is no land bank available in district Kurkushetra**
In case of non-forest area identified for CA, then what is the distance CA site from the adjoining forest boundary:-
 - i. Soil type: **Sandy Laom**
 - 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 requirement of funds is as under:-

The plantation cost is calculated for Tall Plantation norms at $4m \times 2\frac{1}{2}m$ spacing at the wage rate of Rs. 347.08/- per day as under :-

					In ha.
Area to be diverted			0.0448		
No. of Plants to be felled			2		
Plants to be damaged			16		
Plants to be planted			100		
Area to be planted			0.10		
Additional CA in lieu of plants to be damaged (Double the plants to be damaged)			32		
Sr. No.	DESCRIPTION		RATE	Per	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants			
	(1) 1st Year Cost of Afforestation	100	381.97	Per Plants	38197
	(2) 2nd Year Maintenance		122.70	Per Plants	12270
	(3) 3rd Year Maintenance		44.55	Per Plants	4455
	(4) 4th Year Maintenance		16.57	Per Plants	1657
	(5) 5th Year Maintenance		16.57	Per Plants	1657
	(6) 6th Year Maintenance		16.57	Per Plants	1657
	(7) 7th Year Maintenance		16.57	Per Plants	1657
	(8) 8th Year Maintenance		16.57	Per Plants	1657
	(9) 9th Year Maintenance		16.57	Per Plants	1657
	(10) 10th Year Maintenance		16.57	Per Plants	1657
	(11) Barbed wire fencing charges (in Rkm)	0.4	200000.12	Per Rkm.	80000
	Total Charges				146521
	Supervisory / Overhead / Miscellaneous Charges		10% on the total CA charges		14652
	Total (A) CA Charges				161173
B	Additional Compensatory Afforestation Charges				
	(1) 1st Year Cost of Afforestation	32	381.97	Per Plants	12223
	(2) 2nd Year Maintenance		122.70	Per Plants	3926
	(3) 3rd Year Maintenance		44.55	Per Plants	1426
	(4) 4th Year Maintenance		16.57	Per Plants	530
	(5) 5th Year Maintenance		16.57	Per Plants	530
	(6) 6th Year Maintenance		16.57	Per Plants	530
	(7) 7th Year Maintenance		16.57	Per Plants	530
	(8) 8th Year Maintenance		16.57	Per Plants	530
	(9) 9th Year Maintenance		16.57	Per Plants	530
	(10) 10th Year Maintenance		16.57	Per Plants	530
	(11) Barbed wire fencing charges (in Rkm)	0.13	200000.12	Per Rkm.	25600
	Total (B) Addl. CA Charges				46887
C	Catchment Area Treatment (if required)				
	Soil Moisture Conservation (SMC) work		30% on the total CA charges		48352
	Total (C)				48352

D	Safety Zone (if required)				0
E	Additional Charges (if required)				0
	-----				0
	-----				0
	Total (D+E)				
F	Net Present value of Forest Land to be diverted	1357110	Per ha.		60799
G	Felling charges = m ³	6.60	1200	m ³	7920
	Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund				325131

5. Technical details:-

Technical detail of Compensatory Afforestation Scheme are as follows:-

- General Detail:- Plantation will be done with 3 strand barbed wire in
- Spacing:- 4 x 2½ metre
- Species:- Neem, Bakain, Papri etc.
- Plantation method:- Tall Plantation
- Soil and Moisture Conservation work:- Nil
- Protection:- (Fencing, Watch man, People's Participation etc.): -Fencing
- Proposed Monitoring Mechanism:- Checking of Plantation work will be Done by RFO, DCF, CF&DCF(M&E)
- Any other information:- Nil

Place:- Kurukshetra

Date:-

Divisional Forest Officer,
Kurukshetra Forest Division
Kurukshetra

Note:- CF (T) should counter sign this CA scheme if Area to be afforested is more than 5 hact.