

67

Full Title of the Project : Diversion of 0.0139 Ha. Forest land for access to the proposed Retail Outlet of IOCL along Narnaul Kanina road (MDR127) at village Sihma, Khasra no. 114//21/2/2, 115//25/2, 116//5/2/2, 117//1/2 under forest division and district Mahendergarh, Haryana.

File No. : FP/HR/Approach/41632/2019

Date of Proposal : 12-08-2019

CHECK LIST SERIAL NUMBER :- 18

" SCHEME FOR C.A. " (Model-1)

Name of the Forest/Reach to be diverted for access to the proposed Retail Outlet of IOCL along Narnaul Kanina road KM stone 6-7 RHS (MDR127) at village Sihma, at under forest division and district Mahendergarh, Haryana.

Forest Area = 0.0139 ha.

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

Division: Mahendergarh District: Mahendergarh Range: Mgarh C.A. Site Name: Unclassed Forest Latufpur Area to be afforested:-

- i) Whether the site selected for Compensatory Afforestation is a Land bank or Not: - **No, the site selected for compensatory afforestation is not a land bank.**
- ii) If the CA site is other than the land bank, reasons are given: - There is no land bank in District Mahendergarh. **Plantation will be done at Unclassed Forest area.**
In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:-
- iii) Soil type Sandy Loam
- iv) Topography a. Hilly/Undulating/Plain:
b. Slope: - Steep/Medium/Gentle
- v) Whether the area is bearing any root stock of **vegetation:-**

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 plantation norms at 4m x 2½m spacing and it is approved by the PCCF, Haryana letter No. 6693-6713 dated 15.02.2016 at the wage rate of Rs. 326.82/-per day as under:-

S.No.	Year	Rate Per Plant
1	1 st Year Plantation	Rs. 359.10/- Per Plant
2	2 nd Year Plantation	Rs. 115.35/- Per Plant
3	3 rd Year Plantation	Rs. 41.89/- Per Plant
4	4 th Year Plantation	Rs. 15.58/- Per Plant
5	5 th Year Plantation	Rs. 15.58/- Per Plant
6	6 th Year Plantation	Rs. 15.58/- Per Plant
7	7 th Year Plantation	Rs. 15.58/- Per Plant
8	8 th Year Plantation	Rs. 15.58/- Per Plant
9	9 th Year Plantation	Rs. 15.58/- Per Plant
10	10 th Year Plantation	Rs. 15.58/- Per Plant
Total Cost		Rs. 625.40

Area to be Diverted : 0.0139 ha.

No. of Trees to be felled : 6 Nos.

No. of Plants to be damaged : 5 Nos.

Area to be planted under normal CA : 0.100 ha. (Double the area to be diverted)

Plants to be Planted under normal CA : 100 (@ 1000 plants per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)= 10 Plants

Area to planted under Addl. CA : 0.010 ha. (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 110

Total Area to be planted (CA+Addl.CA) : 0.11 ha. (@ 1000 plants per ha.)

A	Compensatory Afforestation Charges	No. of Plants	Rate	Total Amount (Rs.)
	(1) 1 st Year cost of afforestation	100	Rs. 359.10/- Per Plant	35910
	(2) 2 nd Year maintenance	100	Rs. 115.35/- Per Plant	11535
	(3) 3 rd Year maintenance	100	Rs. 41.89/- Per Plant	4189
	(4) 4 th Year maintenance	100	Rs. 15.58/- Per Plant	1558
	(5) 5 th Year Maintenance	100	Rs. 15.58/- Per Plant	1558
	(6) 6 th Year Maintenance	100	Rs. 15.58/- Per Plant	1558
	(7) 7 th Year Maintenance	100	Rs. 15.58/- Per Plant	1558
	(8) 8 th Year Maintenance	100	Rs. 15.58/- Per Plant	1558
	(9) 9 th Year Maintenance	100	Rs. 15.58/- Per Plant	1558
	(10) 10 th Year Maintenance	100	Rs. 15.58/- Per Plant	1558
	(11) Barbed wire fencing charge	0.4 rkm	Rs. 76700/- Per RKM	30680

	Total charges			93220
	Supervisory/Overhead/Miscellaneous Charges		10% on the total CA charges	9322
	Sub Total (A) C.A. charges			102542
B	Additional Compensatory Afforestation Charges	No. of Plants	Rate	Total Amount (Rs.)
	(1) 1 st Year cost of afforestation	10	Rs. 359.10/- Per Plant	3591
	(2) 2 nd Year maintenance	10	Rs. 115.35/- Per Plant	1154
	(3) 3 rd Year maintenance	10	Rs. 41.89/- Per Plant	419
	(4) 4 th Year maintenance	10	Rs. 15.58/- Per Plant	156
	(5) 5 th Year Maintenance	10	Rs. 15.58/- Per Plant	156
	(6) 6 th Year Maintenance	10	Rs. 15.58/- Per Plant	156
	(7) 7 th Year Maintenance	10	Rs. 15.58/- Per Plant	156
	(8) 8 th Year Maintenance	10	Rs. 15.58/- Per Plant	156
	(9) 9 th Year Maintenance	10	Rs. 15.58/- Per Plant	156
	(10) 10 th Year Maintenance	10	Rs. 15.58/- Per Plant	156
	(11) Barbed wire fencing charge	0.04 rkm	Rs. 76700/- Per RKM	3068
	Sub Total (B) Total addl. C.A. charges			9324
C	Penal CA			
D	Catchments Area Treatment			
	Digging of periphery trenches	143.31	110*2*0.45*0.45= 45 cum	6449
	Soil and Moisture Conservation charges		30% of total CA	30763
	Sub Total (D)			37212
E	Safety Zone			0
F	Additional Charges			0
	Sub Total (F)			0
G	Net Present Value of Forest Land to be diverted	0.0139	887000 per ha.	12329
H	Felling charges	7.07	1200 per cum	8484
	Grand Total (A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund			169891

2. Technical details :-

Technical details of Compensatory Afforestation Scheme are as follows :-

- General Details :- Plantation will be done with 3 strand barbed wire in Latufpur Unclassed Forest.
- Spacement :- 4 x 2½ meter

- (c) Species :- **Neem, Bakain, P.Papri, Cassia fistula, Cordia myxa, Zyzyphus mauritiana, Albizia lebbeck, Morus Alba etc.**
- (d) Plantation Method :- **Tall Plantation .**
- (e) Soil and Moisture Conservation Works: - **Nil**
- (f) Protection (Fencing, Watch man, People's Participation etc): - **Fencing**
- (g) Proposed Monitoring Mechanism :- **(M & E)**
- (h) Any other information: - **N.A.**


Divisional Forest Officer
Maheshwar Forest Division

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