

Full Title of the Project: Diversion of 0.0101 ha. of forest land for retail outlet of IOCL on Bamni Khera to Hassanpur road at Village Likhi, Tehsil Hodal, under Forest Division and District Palwal, Haryana.

File No. : FP/HR/Approach/44418/2020

Date of Proposal: _____

CHECK LIST SERIAL NUMBER: 18
"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted Forest Area 0.0101 Ha.

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

Division: District : **Palwal**

Tehsil: **Hodal**

C.A. Site name : **Bahin PF.**

Area to be Afforested :- **0.1 Ha.**

a) Whether the site selected for Compensatory Afforestation is a Land bank (Yes or No): **No**

b) If the CA site is other than the land bank, reasons be given:- **There is no land bank in Palwal District Plantation will be done in Bahin PF.**

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: **Normal**

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 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. 326.82 per day as under:-

Year	Rate per Plant
1 st Year cost of afforestation	Rs. 359.10 Per Plant
2 nd Year maintenance	Rs. 115.35 Per Plant
3 rd Year maintenance	Rs. 41.89 Per Plant
4 th Year maintenance	Rs. 15.58 Per Plant
5 th Year maintenance	Rs. 15.58 Per Plant
6 th Year maintenance	Rs. 15.58 Per Plant
7 th Year maintenance	Rs. 15.58 Per Plant
8 th Year maintenance	Rs. 15.58 Per Plant
9 th Year maintenance	Rs. 15.58 Per Plant
10 th Year maintenance	Rs. 15.58 Per Plant
Total	Rs. 625.40

Area to be Diverted : **0.0101 ha.**

No. of Trees to be felled : **0 No.**

No. of Plants to be damaged : **0 No.**

Area to be planted under normal CA : **0.1 Ha.** (Double the area to be diverted)

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

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = **0 Plants**

Area to be planted under Addl. CA : **0.0 Ha.** (@ 1000 plants per ha.)

Total No. of plants to be planted (CA+Addl.CA) : 100 Nos.

Total Area to be planted (CA+Addl.CA) : 0.1 ha. (@ 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	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	RKM 0.4	Rs.160000/- Per RKM	64000
	Total Charges			126540
	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	12654
	Total (A) C.A. Charge			139194
B	Additional Compensatory Afforestation Charges			
	(1) 1 st Year cost of afforestation	0	Rs. 359.10 Per Plant	0
	(2) 2 nd Year maintenance	0	Rs. 115.35 Per Plant	0
	(3) 3 rd Year maintenance	0	Rs. 41.89 Per Plant	0
	(4) 4 th Year maintenance	0	Rs. 15.58 Per Plant	0
	(5) 5 th Year maintenance	0	Rs. 15.58 Per Plant	0
	(6) 6 th Year maintenance	0	Rs. 15.58 Per Plant	0
	(7) 7 th Year maintenance	0	Rs. 15.58 Per Plant	0
	(8) 8 th Year maintenance	0	Rs. 15.58 Per Plant	0
	(9) 9 th Year maintenance	0	Rs. 15.58 Per Plant	0
	(10) 10 th Year maintenance	0	Rs. 15.58 Per Plant	0
	(11) Barbed wire fencing charge	RKM 0	Rs.160000/- Per RKM	0
	Total (B) Addl. C.A. Charges			0
	Penal C.A.			0
D	Catchment Area Treatment			
	Soil and Moisture Conservation charges		30% of the Total CA	41758
	Total (D)			41758
E	Safety Zone (if required)			0
F	Additional Charges (if required)	Qty	Rate	0
	Total (F)			0
G	Net Present Value of Forest Land to be diverted		Rs. 887000/- per ha.	8959
H	Felling charges	Vol. M ³	Rs.1200 /- per m ³	0
		0		

I	Exigency Charges 3% of the total cost of (A+B+C+D+E+F+G+H+)	5697
	Grand Total (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund	195608

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2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- 4 x 2½ meter
- Species:- **Neem, Shisham, Papri**
- 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: Palwal

Dated : 20-2-2020

Ulati
Dy. Conservator of Forests
PALWAL
 Palwal

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