

Full Title of the Project : Diversion of 0.0072 ha. of Forest land for access to IOCL MS/HSD Retail Outlet, situated between Rathdhana and Akbarpur Barota/Narela, WML Sonapat under forest division and distt. Sonapat, Haryana.

File No. : FP/HR/Approach/51883/2020

Date of Proposal : 23-10-2020

CHECK LIST SERIAL NUMBER: 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Name of the Project/Reach to be diverted :

Diversion of 0.0072 ha. of Forest land for access to IOCL MS/HSD Retail Outlet, situated between Rathdhana and Akbarpur Barota/Narela, WML Sonapat under forest division and distt. Sonapat, Haryana.

Forest Area = 0.11 ha.

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

Division and District Sonapat.

Tehsil Rai & Range Rai

CA site Name : Drain No. 6

Starting Longitude : 77.04441944"E Latitude : 28.96144167"N

Ending Longitude : 77.06618889"E Latitude : 28.91220000"N

Area to be afforested :-

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 District Sonapat.**

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 : Clay Loam

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 to as under :-

1. Schedule of Plantation Programme:-

Details 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 326.82/- per daily as under:-

Year	Rate per plants
1st year cost of afforestation	Rs. 395/- per plant
2 nd year maintenance	Rs. 138/- per plant
3 rd year maintenance	Rs. 55/- per plant
4 th year maintenance	Rs. 22/- per plant
5 th year maintenance	Rs. 24/- per plant
6 th year maintenance	Rs. 26/- per plant
7 th year maintenance	Rs. 27/- per plant
8 th year maintenance	Rs. 28/- per plant
9 th year maintenance	Rs. 30/- per plant
10 th year maintenance	Rs. 32/- per plant
Total	Rs. 777/-

Area to be Diverted = 0.0072 Ha.

No. of trees to be felled = 3

Plants to be damaged = 5

Plants to be planted = (Ten time of the tree to be felled) = 0

Area to be planted = (@1000 plants per ha.) = 100

Additional CA in lieu of plants to be damaged (Double the plants to be damaged) = 10

S.No.	DESCRIPTION		Rate	Total Amount (Rs.)
(A)	Compensatory Afforestation charges		No. of plants	
	(1) 1 st year cost of afforestation	100	Rs. 395/- per plant	39500
	(2) 2 nd year maintenance	100	Rs. 138/- per plant	13800
	(3) 3rd year maintenance	100	Rs. 55/- per plant	5500
	(4) 4th year maintenance	100	Rs. 22/- per plant	2200
	(5) 5th year maintenance	100	Rs. 24/- per plant	2400
	(6) 6th year maintenance	100	Rs. 26/- per plant	2600
	(7) 7th year maintenance	100	Rs. 27/- per plant	2700
	(8) 8th year maintenance	100	Rs. 28/- per plant	2800
	(9) 9th year maintenance	100	Rs. 30/- per plant	3000
	(10) 10th year maintenance	100	Rs. 32/- per plant	3200
	(11) Barbed wire fencing charge = 0.4 RKM		@200000	80000
	Total Charge			157700
	Supervisory/ Overhead/Miscellaneous Charges		10% on the total C.A. charge	15770
	Sub Total (A) CA Charges			173470
(B)	Additional Compensatory Afforestation charges			
	(1) 1 st year cost of afforestation	10	Rs. 395/- per plant	3950
	(2) 2 nd year maintenance	10	Rs. 138/- per plant	1380
	(3) 3rd year maintenance	10	Rs. 55/- per plant	550
	(4) 4th year maintenance	10	Rs. 22/- per plant	220
	(5) 5th year maintenance	10	Rs. 24/- per plant	240
	(6) 6th year maintenance	10	Rs. 26/- per plant	260
	(7) 7th year maintenance	10	Rs. 27/- per plant	270
	(8) 8th year maintenance	10	Rs. 28/- per plant	280
	(9) 9th year maintenance	10	Rs. 30/- per plant	300

			Fca case
	(9) 9th year maintenance	10	Rs. 30/- per plant
	(10) 10th year maintenance	10	Rs. 32/- per plant
	(11) Barbed wire fencing charge = 0.04 RKM	@200000	8000
	Sub Total (B) total additional CA charges		15770
(C)	Penal CA.		0.00
(D)	Catchment Area Treatment		
	Soil and Moisture Conservation	30% of the total CA	52041
	Sub total (D)		52041
(E)	Safety Zone		0.00
(F)	Additional Charges		0.00
	Sub total (F)		0.00
(G)	Net present value of forest land to be diverted	Rs. 957780/- per ha.	6896
(H)	Felling charges = 3 trees 5.38 m ³	Rs. 1200/- per m ³	6456
(I)	Plantation damage charges = 0 plants	Rs. 236 per plants	0
GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA			254633

2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details : Plantation will be done with 3 strand barbed wire
- Spacing : 4x2½ meter
- Species : Shisham, Neem, Jamun/Jamoya etc.
- Plantation Method : Tall Plantation
- Soil and Moisture Conservation Works : Yes
- Protection (Fencing, Watch man, People's Participation etc.): Fencing
- Proposed Monitoring Mechanism : M&E
- Any other information:- Nil


Divisional Forests Officer
Sonepat.

