

Full Title of the Project :

Diversion of 0.0574 ha. of Forest land for access to IOCI Retail Outlet on Kawali – Lampur Border road (ODR) LHS, at Village Mandaura, under Forest Division & Distt. Sonapat..

Fca case

File No. : FP/HR/Approach/149204/2021

Date of Proposal : 12-11-2021

CHECK LIST SERIAL NUMBER: 18

“SCHEME FOR COMPENSATORY AFFORESTATION”

Name of the Project/Reach to be diverted :

Diversion of 0.0574 ha. of Forest land for access to IOCI Retail Outlet on Kawali – Lampur Border road (ODR) LHS, at Village Mandaura, under Forest Division & Distt. Sonapat.

Forest Area = 0.171 ha.

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

Division and District Sonapat.

Tehsil Kharkhoda & Range Rai

CA site Name : **Turkpur Minor**

Starting Longitude : 77.00992"E Latitude : 28.8998"N

Ending Longitude : 77.01193"E Latitude : 28.90008"N

Area to be afforesed :-

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 not 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 = 0.0574Ha.

No. of trees to be felled = 37

Plants to be damaged = 28

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

Area to be planted = (@1000 plants per ha.) = 115

Additional CA in lieu of plants to be damaged (Double the plants to be damaged) = 56

S.No.	DESCRIPTION		Rate	Total Amount (Rs.)
(A)	Compensatory Afforestation charges		No. of plants	
	(1) 1 st year cost of afforestation	115	Rs. 395/- per plant	45425
	(2) 2 nd year maintenance	115	Rs. 138/- per plant	15870
	(3) 3rd year maintenance	115	Rs. 55/- per plant	6325
	(4) 4th year maintenance	115	Rs. 22/- per plant	2530
	(5) 5th year maintenance	115	Rs. 24/- per plant	2760
	(6) 6th year maintenance	115	Rs. 26/- per plant	2990
	(7) 7th year maintenance	115	Rs. 27/- per plant	3105
	(8) 8th year maintenance	115	Rs. 28/- per plant	3220
	(9) 9th year maintenance	115	Rs. 30/- per plant	3450
	(10) 10th year maintenance	115	Rs. 32/- per plant	3680
	(11) Barbed wire fencing charge = 0.46RKM		@200000	92000
	Total Charge			181355
	Supervisory/ Overhead/Miscellaneous Charges		10% on the total C.A. charge	18135
	Sub Total (A) CA Charges			199490
(B)	Additional Compensatory Afforestation charges			
	(1) 1 st year cost of afforestation	56	Rs. 395/- per plant	22120
	(2) 2 nd year maintenance	56	Rs. 138/- per plant	7728
	(3) 3rd year maintenance	56	Rs. 55/- per plant	3080
	(4) 4th year maintenance	56	Rs. 22/- per plant	1232
	(5) 5th year maintenance	56	Rs. 24/- per plant	1344
	(6) 6th year maintenance	56	Rs. 26/- per plant	1456
	(7) 7th year maintenance	56	Rs. 27/- per plant	1512
	(8) 8th year maintenance	56	Rs. 28/- per plant	1568

				Fca case
	(9) 9th year maintenance	56	Rs. 30/- per plant	1680
	(10) 10th year maintenance	56	Rs. 32/- per plant	1792
	(11) Barbed wire fencing charge = 0.224 RKM		@200000	44800
	Sub Total (B) total additional CA charges			88312
(C)	Penal CA.			0.00
(D)	Catchment Area Treatment			
	Soil and Moisture Conservation		30% of the total CA	59847
	Sub total (D)			59847
(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. 1357110/- per ha.	77898
(H)	Felling charges = 37 trees 34.82 m ³		Rs. 1200/- per m ³	41784
(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				467331

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.