

**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 Sonepat under forest division and distt. Sonepat, 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 Sonepat under forest division and distt. Sonepat, 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 Sonepat.

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 Sonepat.**

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

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 <sup>st</sup> year cost of afforestation	100	Rs. 395/- per plant	39500
	(2) 2 <sup>nd</sup> 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
<b>Total Charge</b>				<b>157700</b>
Supervisory/ Overhead/Miscellaneous Charges			10% on the total C.A. charge	15770
<b>Sub Total (A) CA Charges</b>				<b>173470</b>
(B)	Additional Compensatory Afforestation charges			
	(1) 1 <sup>st</sup> year cost of afforestation	10	Rs. 395/- per plant	3950
	(2) 2 <sup>nd</sup> 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

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	(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
	<b>Sub Total (B) total additional CA charges</b>		<b>15770</b>
(C)	Penal CA.		0.00
(D)	<b>Catchment Area Treatment</b>		0.00
	Soil and Moisture Conservation	30% of the total CA	52041
	<b>Sub total (D)</b>		<b>52041</b>
(E)	<b>Safety Zone</b>		0.00
(F)	<b>Additional Charges</b>		0.00
	<b>Sub total (F)</b>		<b>0.00</b>
(G)	Net present value of forest land to be diverted	Rs. 957780/- per ha.	6896
(H)	Felling charges = 3 trees 5.38 m <sup>3</sup>	Rs. 1200/- per m <sup>3</sup>	6456
(I)	Plantation damage charges = 0 plants	Rs. 236 per plants	0
<b>GRAND TOTAL (A+B+C+D+E=F+G+H+I) to be deposited in CAMPA</b>			<b>254633</b>

## 2. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

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

  
**Divisional Forests Officer  
Sonepat.**

