

**Title of the Project :** Diversion of 0.011 ha. of forest land for access to IOCL Petrol Pump on Sonapat Chowk, new NH-334B (Kharkhoda Bye Pass) at Chainage 37.100 (RHS) AT village Kharkhoda-II (within Municipal Limit) Tehsil Kharkhoda, under forest Division and Distt. Sonapat.

**File No. :** FP/HR/Approach/149447/2021

**Date of Proposal :** 20-11-2021

**CHECK LIST SERIAL NUMBER: 18**  
**“SCHEME FOR COMPENSATORY AFFORESTATION”**

**Name of the Project/Reach to be diverted :**

Diversion of 0.011 ha. of forest land for access to IOCL Petrol Pump on Sonapat Chowk, new NH-334B (Kharkhoda Bye Pass) at Chainage 37.100 (RHS) AT village Kharkhoda-II (within Municipal Limit) Tehsil Kharkhoda, under forest Division and Distt. Sonapat. Forest Area = 0.011 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 : **Khanda Drain**

Starting Longitude : 76.899187"E Latitude : 28.89886"N

Ending Longitude : 76.87923"E Latitude : 28.87718"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 <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 = 0.011 Ha.

No. of trees to be felled = 0

Plants to be damaged = 2

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

Area to be planted = (@1000 plants per ha.) = 104

Additional CA in lieu of plants to be damaged (Double the plants to be damaged) = 4

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	4	Rs. 395/- per plant	1580
	(2) 2 <sup>nd</sup> year maintenance	4	Rs. 138/- per plant	552
	(3) 3rd year maintenance	4	Rs. 55/- per plant	220
	(4) 4th year maintenance	4	Rs. 22/- per plant	88
	(5) 5th year maintenance	4	Rs. 24/- per plant	96
	(6) 6th year maintenance	4	Rs. 26/- per plant	104
	(7) 7th year maintenance	4	Rs. 27/- per plant	108
	(8) 8th year maintenance	4	Rs. 28/- per plant	112
	(9) 9th year maintenance	4	Rs. 30/- per plant	120

	(10) 10th year maintenance	4	Rs. 32/- per plant	Fca case 128
	(11) Barbed wire fencing charge = 0.016 RKM		@200000	3200
	<b>Sub Total (B) total additional CA charges</b>			<b>6308</b>
(C)	Penal CA.			0.00
(D)	<b>Catchment Area Treatment</b>			
	Soil and Moisture Conservation		30% of the total CA	52041
	<b>Sub total (D)</b>			<b>52041</b>
(E)	<b>Safety Zone</b>			<b>0.00</b>
(F)	<b>Additional Charges</b>			<b>0.00</b>
	<b>Sub total (F)</b>			<b>0.00</b>
(G)	Net present value of forest land to be diverted		Rs. 887000/- per ha.	9757
(H)	Felling charges = 0 trees 0 m3		Rs. 1200/- per m3	0
(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>241576</b>

## 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.