

75  
73

**Full Title of the Project:** Diversion of 0.0865 ha. of forest land for retail outlet of IOCL on Palwal-Hathin road at Village Bhanguri, km.7-8 L/side under forest Division & Distt. Palwal, Haryana.

**File No. :** FP/HR/APPROACH/147996/2021

**Date of Proposal:**

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

**Name of the forest/reach to be diverted forest area 0.0865 ha.**

Detail of degraded forest land/non-forest land where CA. is to be carried out.

Division: District : **Palwal**

Tehsil : **Hodal**

CA. Site Name : **Pingore Drain.RD. 20-23 L/side (Hodal Range)**

- 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 to be given : **NA.**  
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 :-

ii) Topography :

a. Hilly/Undulating/plain:-

b. Slope:- Steep/Medium/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 plantation Norms at 4mx2½m spacing as the wage rate of Rs 363.77 per day as under :-

Sr No	Year	Rate per plants
1.	1 <sup>st</sup> Year cost of afforestation	Rs 439.67/- per plant
2.	2 <sup>nd</sup> Year Maintenance	Rs 154.07/- per plant
3.	3 <sup>rd</sup> Year Maintenance	Rs 60.61/- per plant
4.	4 <sup>th</sup> Year Maintenance	Rs 24.26/- per plant
5.	5 <sup>th</sup> Year Maintenance	Rs 25.99/- per plant
6.	6 <sup>th</sup> Year Maintenance	Rs 27.73/- per plant
7.	7 <sup>th</sup> Year Maintenance	Rs 29.46/- per plant
8.	8 <sup>th</sup> Year Maintenance	Rs 31.19/- per plant
9.	9 <sup>th</sup> Year Maintenance	Rs 32.93/- per plant
10.	10 <sup>th</sup> Year Maintenance	Rs 34.66/- per plant
	<b>Total</b>	<b>Rs 860.57/- per plant</b>

Area to be diverted : **0.0865 Ha**

No. of trees to be felled: **20 No.**

No of plants to be damaged : **22 No.**

Plants to be planted under normal CA.: **20x10=200 plants.**

Area to be planted under normal CA.: **0.2 Ha.** (@ 1000 plants per Ha.)

Additional CA in lieu of plants to be damaged ( Double the plants to be damaged) = **22x2=44 plants**

Area to be planted under Add. CA.: **0.044 Ha.** (@ 1000 plants per Ha.)

Total No. of plants to be planted: ( CA+Add. CA): **244**

Total Area to be planted: ( CA+Add. CA): **0.244 Ha.** (@ 1000 plants per Ha.)

Sr No	Description		Rate	Total Amount (Rs)
(A)	Compoensatory Afforestation Charge	No of plants		
	(1) 1st year Cost of Afforestation	200	Rs 439.67/- per plant	87934
	(2) 2nd year Maintenance	200	Rs 154.07/- per plant	30814
	(3) 3rd year Maintenance	200	Rs 60.61/- per plant	12122
	(4) 4th year Maintenance	200	Rs 24.26/- per plant	4852
	(5) 5th year Maintenance	200	Rs 25.99/- per plant	5198
	(6) 6th year Maintenance	200	Rs 27.73/- per plant	5546
	(7) 7th year Maintenance	200	Rs 29.46/- per plant	5892
	(8) 8th year Maintenance	200	Rs 31.19/- per plant	6238
	(9) 9th year Maintenance	200	Rs 32.93/- per plant	6586
	(10) 10th year Maintenance	200	Rs 34.66/- per plant	6932
	(11) Barbed wire fencing charges	RKM	Rs 200000/- per RKM	160000
		0.8		
	<b>Total charges</b>			<b>332114</b>
	Supervisory/Overhead/Miscellaneous charges		10% of the total CA charges	33212
	<b>Total (A) CA. Charge</b>			<b>365326</b>
<b>B</b>	<b>Add. Compoensatory Afforestation Charge</b>			
	(1) 1st year Cost of Afforestation	44	Rs 439.67/- per plant	19346
	(2) 2nd year Maintenance	44	Rs 154.07/- per plant	6780
	(3) 3rd year Maintenance	44	Rs 60.61/- per plant	2667
	(4) 4th year Maintenance	44	Rs 24.26/- per plant	1068
	(5) 5th year Maintenance	44	Rs 25.99/- per plant	1144
	(6) 6th year Maintenance	44	Rs 27.73/- per plant	1221
	(7) 7th year Maintenance	44	Rs 29.46/- per plant	1297
	(8) 8th year Maintenance	44	Rs 31.19/- per plant	1373
	(9) 9th year Maintenance	44	Rs 32.93/- per plant	1449
	(10) 10th year Maintenance	44	Rs 34.66/- per plant	1526
	(11) Barbed wire fencing charges	RKM	Rs. 200000/- per RKM.	35200
		0.176		
	<b>Total (B) Add. CA. Charge</b>			<b>73071</b>
<b>C</b>	Penalty for Violation			0
<b>D</b>	Catchment Area Treatment			0
	Soil and Moisture Conservation Charges		30% of Total CA.	109598
	<b>Total (D)</b>			

79

<b>E</b>	Safety Zone (if required)			0
<b>F</b>	<b>Additional Charges (if required)</b>	<b>Qty.</b>	<b>RATE</b>	
	Two Wheeler for patrolling	0	0	0
	Fertilizer	0	0	0
	Diesel Pump Set for Watering	0	0	0
	<b>Total (F)</b>			<b>0</b>
<b>G</b>	Net Present Value of Forest land to be diverted	0.0865 ha.	Rs 887000/- per Ha	76726
<b>H</b>	<b>Felling Charges</b>	Vol. M <sup>3</sup>	Rs. 1200/- M <sup>3</sup>	55416
		46.18		
<b>I</b>	Exigency Charges 3% of the Total Cost of ( A+B+C+D+E+F+G+H)			20405
	<b>Grand Total ( A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund</b>			<b>700542</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) Spacement : 4x2½
- c) Species : P. Papri, J. Jalebi, Bar, Pipal
- d) Plantation Method : Tall Plantation
- e) Soil and Moisture Conservation Works :
- f) Protection (Fencing, Watch man, People's Participation etc.): **NIL**
- g) Proposed Monitoring Mechanism : M&E, Hissar Division
- h) Any other information : -----

Place : Palwal

*Unit-1*  
**Dy. Conservator of Forests**  
 Palwal Forest Division

Dated :

Office Seal.....

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