

**Full Title of the Project:** Diversion of 0.0586 ha. Of forest land for access to retail outlet of IOCL on Rasulpur-Hassanpur via Gulawad-Jatoli road at village Gulawad under forest Division & Distt. Palwal, Haryana.

**File No. :** FP/HR/APPROACH/138514/2021

Date of Proposal:

**CHECK LIST SERIAL NUMBER: 18**

**"SCHEME FOR COMPENSATORY AFFORESTATION"**

**Name of the forest/reach to be diverted forest area 0.0586 ha.**

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

Division: Palwal

District : **Palwal**

Tehsil : **Palwal**

CA. Site Name : Palwal Drain RD 4-8 R/s

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 388.42 per day as under :-

Sr No	Year	Rate per plants
1.	1 <sup>st</sup> Year cost of afforestation	Rs 469.46/- per plant
2.	2 <sup>nd</sup> Year Maintenance	Rs 164.51/- per plant
3.	3 <sup>rd</sup> Year Maintenance	Rs 64.71/- per plant
4.	4 <sup>th</sup> Year Maintenance	Rs 25.90/- per plant
5.	5 <sup>th</sup> Year Maintenance	Rs 27.75/- per plant
6.	6 <sup>th</sup> Year Maintenance	Rs 29.60/- per plant
7.	7 <sup>th</sup> Year Maintenance	Rs 31.45/- per plant
8.	8 <sup>th</sup> Year Maintenance	Rs 33.30/- per plant
9.	9 <sup>th</sup> Year Maintenance	Rs 35.16/- per plant
10.	10 <sup>th</sup> Year Maintenance	Rs 37.00/- per plant
	<b>Total</b>	<b>Rs 918.84/- per plant</b>

Area to be diverted : **0.0586 Ha**

No. of trees to be felled: **8 No.**

No of plants to be damaged : **75 No.**

Area to be planted under normal CA.: **0.118 Ha.**

Plants to be planted under normal CA.: **118**

Additional CA in lieu of plants to be damaged ( Double the plants to be damaged) = **75x2=150 plants**

Area to be planted under Add. CA.: **0.150 Ha.** (@ 1000 plants per Ha.)

Total No. of plants to be planted: ( CA+Add. CA): **268**

Total Area to be planted: ( CA+Add. CA): **0.268 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	118	Rs 469.46/- per plant	55397
	(2) 2nd year Maintenance	118	Rs 164.51/- per plant	19413
	(3) 3rd year Maintenance	118	Rs 64.71/- per plant	7636
	(4) 4th year Maintenance	118	Rs 25.90/- per plant	3057
	(5) 5th year Maintenance	118	Rs 27.75/- per plant	3275
	(6) 6th year Maintenance	118	Rs 29.60/- per plant	3493
	(7) 7th year Maintenance	118	Rs 31.45/- per plant	3712
	(8) 8th year Maintenance	118	Rs 33.30/- per plant	3930
	(9) 9th year Maintenance	118	Rs 35.16/- per plant	4149
	(10) 10th year Maintenance	118	Rs 37.00/- per plant	4366
	(11) Barbed wire fencing for CA and ACA as per KML.	RKM	Rs 200000/- per RKM	520000
		2.6		
	<b>Total charges</b>			<b>628428</b>
	Supervisory/Overhead/Miscellaneous charges		10% of the total CA charges	62843
	<b>Total (A) CA. Charge</b>			<b>691271</b>
<b>B</b>	<b>Add. Compoensatory Afforestation Charge</b>			
	(1) 1st year Cost of Afforestation	150	Rs 469.46/- per plant	70419
	(2) 2nd year Maintenance	150	Rs 164.51/- per plant	24677
	(3) 3rd year Maintenance	150	Rs 64.71/- per plant	9707
	(4) 4th year Maintenance	150	Rs 25.90/- per plant	3885
	(5) 5th year Maintenance	150	Rs 27.75/- per plant	4163
	(6) 6th year Maintenance	150	Rs 29.60/- per plant	4440
	(7) 7th year Maintenance	150	Rs 31.45/- per plant	4718
	(8) 8th year Maintenance	150	Rs 33.30/- per plant	4995
	(9) 9th year Maintenance	150	Rs 35.16/- per plant	5274
	(10) 10th year Maintenance	150	Rs 37.00/- per plant	5500
	<b>Total (B) Add. CA. Charge</b>			<b>137778</b>
<b>C</b>	Penalty for Violation			0
<b>D</b>	Catchment Area Treatment			0
	Soil and Moisture Conservation Charges		30% of Total CA.	207382



	<b>Total (D)</b>			
<b>E</b>	Safety Zone (if required)			0
<b>F</b>	<b>Additional Charges (if required)</b>	<b>Qty.</b>	<b>RATE</b>	
	Cost for Fuel	0	0	0
	Fertilizer	0	0	0
	Portable water Pump	0	0	0
	<b>Total (F)</b>			<b>0</b>
<b>G</b>	<b>Felling Charges</b>	Vol. M <sup>3</sup>	Rs. 1200/- M <sup>3</sup>	11376
		9.48		
<b>H</b>	Exigency Charges 3% of the Total Cost of ( A+B+C+D+E+F+G)			31434
	<b>Grand Total ( A+B+C+D+E+F+G+H) to be deposited in CAMPA Fund</b>			<b>1079241</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.
- Species : P. Papri, J. Jalebi, B. Papri,
- Plantation Method : Tall Plantation
- Soil and Moisture Conservation Works :
- Protection (Fencing, Watch man, People's Participation etc.): **NIL**
- Proposed Monitoring Mechanism : M&E, Hissar Division
- Any other information : -----

Place : Palwal

*Net*  
 Dy. Conservator of Forests  
 PALWAL  
 Palwal Forest Division

Dated :

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

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**Calculation sheet for NPV. as per instruction received from office of APCCF (FC), Haryana, Panchkula letter No. NT/1105-08 dated 08.07.2022**

Forest area to be diverted	:	0.0586 Ha.
Vegetation density	:	0.75
Eco-Class	:	Eco-Class-III
NPV. Rate per Ha. as Eco-Class	:	1357110/- per Ha. (Very Dense)
Total NPV.	:	$0.0586 \times 1357110 = 79527/-$
Total amount to be deposited	:	CA. Scheme Amt. + NPV.
		$1079241 + 79527 = 1158768/-$

Place : Palwal

Dated :

*Udit*  
**Dy. Conservator of Forests**  
PALWAL  
Palwal Forest Division

Office Seal.....