

**Full Title of the Project:** Diversion of 0.0902 Ha. of forest land for retail outlet of BPCL on Bamni Khera-Hassanpur road at Village Deeghot, km. 6-7, L/side under Forest Division and District Palwal, Haryana.

**File No. :** FP/HR/APPROACH/46657/2020

**Date of Proposal:**

**CHECK LIST SERIAL NUMBER: 18**

**"SCHEME FOR COMPENSATORY AFFORESTATION"**

**Name of the forest/reach to be diverted forest area 0.0902 ha.**

Detail of degraded forest land/non-forest land where CA. is to be carried out.  
Division: District : **Palwal**

Tehsil : **Palwal**

CA. Site Name : **Pingore Drain RD. 0-15, L/side (Hodal Range)**

a) Whether the site selected for Compensatory Afforestation is a land bank (Yes or No) Yes  
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:-**

1. Copy of the approved Compensatory Afforestation Scheme/Model showing component - wise physical and financial break up is as under:-  
**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 :-

<b>Sr No</b>	<b>Year</b>	<b>Rate per plants</b>
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 : **0.0902 Ha**

No. of trees to be felled: **28 No.**

No of plants to be damaged : **35 No.**

Area to be planted under normal CA.: **0.28 Ha.**

Plants to be planted under normal CA.: **280** (@ 1000 plants per Ha.)

Additional CA in lieu of plants to be damaged ( Double the plants to be damaged) = **35x2=70** plants

Area to be planted under Add. CA.: **0.07 Ha.** (@ 1000 plants per Ha.)

Total No. of plants to be planted: ( CA+Add. CA): **350**

Total Area to be planted: ( CA+Add. CA): **0.35 Ha.** (@ 1000 plants per Ha.)

Sr No	Description		Rate	Total Amount (Rs)
(A)	Compensatory Afforestation Charge	No of plants		
(1)	1st year Cost of Afforestation	280	Rs 439.67/- per plant	123108
(2)	2nd year Maintenance	280	Rs 154.07/- per plant	43140
(3)	3rd year Maintenance	280	Rs 60.61/- per plant	16971
(4)	4th year Maintenance	280	Rs 24.26/- per plant	6793
(5)	5th year Maintenance	280	Rs 25.99/- per plant	7278
(6)	6th year Maintenance	280	Rs 27.73/- per plant	7765
(7)	7th year Maintenance	280	Rs 29.46/- per plant	8249
(8)	8th year Maintenance	280	Rs 31.19/- per plant	8734
(9)	9th year Maintenance	280	Rs 32.93/- per plant	9221
(10)	10th year Maintenance	280	Rs 34.66/- per plant	9705
(11)	Barbed wire fencing charges	RKM 1.12	Rs 200000/- per RKM	224000
<b>Total charges</b>				<b>464964</b>
Supervisory/Overhead/Miscellaneous charges			10% of the total CA charges	46495
<b>Total (A) CA. Charge</b>				<b>511459</b>
<b>B</b>	<b>Add. Compensatory Afforestation Charge</b>			
(1)	1st year Cost of Afforestation	70	Rs 439.67/- per plant	30777
(2)	2nd year Maintenance	70	Rs 154.07/- per plant	10785
(3)	3rd year Maintenance	70	Rs 60.61/- per plant	4243
(4)	4th year Maintenance	70	Rs 24.26/- per plant	1699
(5)	5th year Maintenance	70	Rs 25.99/- per plant	1820
(6)	6th year Maintenance	70	Rs 27.73/- per plant	1942
(7)	7th year Maintenance	70	Rs 29.46/- per plant	2063
(8)	8th year Maintenance	70	Rs 31.19/- per plant	2184
(9)	9th year Maintenance	70	Rs 32.93/- per plant	2306
(10)	10th year Maintenance	70	Rs 34.66/- per plant	2427
(11)	Barbed wire fencing charges	RKM 0.28	Rs. 200000/- per RKM.	56000
<b>Total (B) Add. CA. Charge</b>				<b>116246</b>
<b>C</b>	Penalty for Violation			
<b>D</b>	Catchment Area Treatment			
Soil and Moisture Conservation Charges			30% of Total CA.	153438

	<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>	
	Two Wheeler for patrolling	0	0	0
	Fertilizer	0	0	
	Portable Engine 1 H.P.	0	0	0
	<b>Total (F)</b>			0
<b>G</b>	Net Present Value of Forest land to be diverted	0.0902 Ha.	Rs 887000/- per Ha	80008
<b>H</b>	<b>Felling Charges</b>	Vol. M <sup>3</sup>	Rs. 1200/- M <sup>3</sup>	78048
		65.04		
<b>I</b>	Exigency Charges 3% of the Total Cost of ( A+B+C+D+E+F+G+H)			28176
	<b>Grand Total ( A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund</b>			967375

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 : 4 x 2½ meter.
- c) Species : Bar, P. Papri, Pipal, J. Jalebi etc.
- d) Plantation Method : Tall Plantation
- e) Soil and Moisture Conservation Works :
- f) Protection (Fencing, Watch man, People's Participation etc.): Fencing
- g) Proposed Monitoring Mechanism : M&E, Hissar Division
- h) Any other information : -----

Place : Palwal

*Uday*  
Dy. Conservator of Forests  
PALWAL  
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.