

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:-

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 st Year cost of afforestation	Rs 439.67/- per plant
2.	2 nd Year Maintenance	Rs 154.07/- per plant
3.	3 rd Year Maintenance	Rs 60.61/- per plant
4.	4 th Year Maintenance	Rs 24.26/- per plant
5.	5 th Year Maintenance	Rs 25.99/- per plant
6.	6 th Year Maintenance	Rs 27.73/- per plant
7.	7 th Year Maintenance	Rs 29.46/- per plant
8.	8 th Year Maintenance	Rs 31.19/- per plant
9.	9 th Year Maintenance	Rs 32.93/- per plant
10.	10 th Year Maintenance	Rs 34.66/- per plant
	Total	Rs 860.57/- per plant

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)	Compoensatory 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	Rs 200000/- per RKM	224000
		1.12		
	Total charges			464964
	Supervisory/Overhead/Miscellaneous charges		10% of the total CA charges	46495
	Total (A) CA. Charge			511459
B	Add. Compoensatory Afforestation Charge			
	(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	Rs. 200000/- per RKM.	56000
		0.28		
	Total (B) Add. CA. Charge			116246
C	Penalty for Violation			0
D	Catchment Area Treatment			0
	Soil and Moisture Conservation Charges		30% of Total CA.	153438

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

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details : Plantation will be done with 3 strand barbed wire
- Spacement : 4 x 2½ meter.
- Species : Bar, P. Papri, Pipal, J. Jalebi etc.
- Plantation Method : Tall Plantation
- Soil and Moisture Conservation Works :
- Protection (Fencing, Watch man, People's Participation etc.): Fencing
- Proposed Monitoring Mechanism : M&E, Hissar Division
- Any other information : -----

Place : Palwal

Wet
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.