

Full Title of the Project: Diversion of 0.2117 Ha of forest land for access to the proposed Petrol Pump of HPCL along on Gurgaon-Sohna-Nuh Road, NH-248A, in plot with Mustil No. 26, Kila no. 13/1 at km. 35.485 (LHS) at Village Hirmathla, Tehsil-Nuh, Distt. Mewat (Haryana) Online File No. FP/HR/Others/26906/2017.

Online Proposal No. FP/HR/Others/26906/2017

Date of Proposal: 08-07-2017

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted:

Diversion of forest land for access to retail outlet of HPCL along on Gurgaon-Sohna-Nuh Road, NH-248A, in plot with Mustil No. 26, Kila no. 13/1 at km. 35.485 (LHS) at Village Hirmathla, Tehsil-Nuh, Distt. Mewat (Haryana)

Forest Area = 0.2117 ha.

Details of degraded forest land/non-forest land where C.A. is to be carried out.

Division Mewat-Nuh District Mewat-Nuh

Tehsil Nuh Range: Nuh

C.A. Site name : Mahu Section 4 & 5 area

GPS Reading : N 27° 50'26.9" E 77° 02'54.4"

Area to be Afforested :-

- 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 be given:- N.A.
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: **Sandy to Sandy Loam.**
 - ii) Topography a. Hilly/Undulating/Plain: **Undulating**
b. Slope:-Steep/Medium/Gentle: **Gentle to steep**
 - iii) Whether the area is bearing any root stock of vegetation:- **At some hilly places.**

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 is calculated for Plantation as per Tall Plants. At 5m X 4m spacing and 250 plants per Hec. at the wages rate approved at Rs.318.46/- per day as under:-

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	222/- Per Plant
2	2 nd Year Maintenance	72/- Per Plant
3	3 rd Year Maintenance	45/- Per Plant
4	4 th Year Maintenance	35/- Per Plant
5	5th Year Maintenance	37/- Per Plant
6	6th Year Maintenance	20/- Per Plant
7	7th Year Maintenance	11/- Per Plant
8	8th Year Maintenance	12/- Per Plant
9	9th Year Maintenance	15/- Per Plant
10	10th Year Maintenance	13/- Per Plant
	Total Cost.	482 -/-

Area to be Diverted = 0.02117 ha.

No. of trees to be felled= Nil.

Plants to be damaged= Nil

Area to be planted = Two time of the area to be diverted= $0.2117 \times 2 = 0.4234$ ha.

Plants to be Planted = 424 (@ 1000 plant per ha.)

	Description	Total Area	Rate	Total Amount (Rs.)
A	Net Present Value of Forest Land to be diverted	0.0798	Rs. 8.87 Lacs/Ha.	187778
B	Compensatory Afforestation Charges	No. of Plants		
1	1st Year Plantation	424	222/- Per Plant	94128
2	2nd Year Plantation	424	72/- Per Plant	30528
3	3rd Year Plantation	424	45/- Per Plant	19080
4	4th Year Plantation	424	35/- Per Plant	14840
5	5th Year Plantation	424	37/- Per Plant	15688
6	6th Year Plantation	424	20/- Per Plant	8480
7	7th Year Plantation	424	11/- Per Plant	4664
8	8th Year Plantation	424	12/- Per Plant	5088
9	9th Year Plantation	424	15/- Per Plant	6360
10	10th Year Plantation	424	13/- Per Plant	5512
	Total Charges of (B Above)			204368

Penal Compensatory Afforestation Scheme			
C	Compensatory Afforestation Charges	No. of Plants	
1	1st Year Plantation	222/- Per Plant	
2	2nd Year Plantation	72/- Per Plant	
3	3rd Year Plantation	45/- Per Plant	
4	4th Year Plantation	35/- Per Plant	
5	5th Year Plantation	37/- Per Plant	
6	6th Year Plantation	20/- Per Plant	
7	7th Year Plantation	11/- Per Plant	
8	8th Year Plantation	12/- Per Plant	
9	9th Year Plantation	15/- Per Plant	
10	10th Year Plantation	13/- Per Plant	
	Total Charges of (C Above)		0
D	Barbed Wire Fencing Charge	Rs. 1,00,000 per	
	Total Charges of (B+C+D Above)	ch.	160000
E	Supervisory/Overhead/Miscellaneous Charges	10% On the total	
F	Felling Charges Volume=	CA Charges	36437
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F+G)	0 Rs.1200/- per m3	0
TOTAL (A+B+C+D+E+F+G)			17657
			606240

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 × 5 meter
- Species:- Shisham, Papri, Neem.
- Plantation Method :- Tall Plantation
- Soil and Moisture Conservation Works:-
- Protection (Fencing, Watch man, People's Participation etc.): - Fencing
- Proposed Monitoring Mechanism:- (M&E),
- Any Other information:- Nil.

Place:

Dated :

Divisional Forest Officer
Mewat-Nuh

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