

Full Title of the Project: Diversion of 0.0160 ha. of forest land for Proposed Retail Outlet of Hindustan Petroleum Corporation Limited abutting on Umri-Indri Road, Near Km. Stone-13 (RHS) at Village Umri, Tehsil Thanesar, under Forest Division & Distt. Kurukshetra.

File No. : FP/HR/APPROACH/53616/2020

Date of Proposal: 03-02-2021

CHECK LIST SERIOL: NUMBER -18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted :

Full Title of the Project: Diversion of 0.0160 ha. of forest land for Proposed Retail Outlet of Hindustan Petroleum Corporation Limited abutting on Umri-Indri Road, Near Km. Stone-13 (RHS) at Village Umri, Tehsil Thanesar, under Forest Division & Distt. Kurukshetra.

Forest Area = .....0.0160..... ha.

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

Division & District Kurukshetra

Tehsil & Range Thanesar

C.A. Site name : **DUK Railway Line Km. 157 to 164 L&R sidese**

Area to be Afforested:-

- 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, reason be given :- **There is no land bank available in district Kurkushetra**

In case of non-forest area identified for CA, then what is the distance CA site from the adjoining forest boundary:-

- i. Soil type: **Sandy Laom**
- ii. Topography
  - a) Hilly/Undulating/Plain : **Plain**
  - b) Slope :- Steep/Medium/Gentle: **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 requirement of funds is as under:-

The plantation cost is calculated for Tall Plantation norms at 4m x 2½ m spacing at the wage rate of Rs. 347.08/- per day as under :-

Area to be diverted			In ha.		
			0.0160		
No. of Plants to be felled			12		
Plants to be damaged			0		
Plants to be planted			120		
Area to be planted			0.12		
Additional CA in lieu of plants to be damaged (Double the plants to be damaged)			0		
Sr. No.	DESCRIPTION		RATE	Per	TOTAL AMOUNT (Rs.)
A	Compensatory Afforestation Charges	No. of Plants			
	(1) 1st Year Cost of Afforestation	120	381.97	Per Plants	45836
	(2) 2nd Year Maintenance		122.70	Per Plants	14724
	(3) 3rd Year Maintenance		44.55	Per Plants	5346
	(4) 4th Year Maintenance		16.57	Per Plants	1988
	(5) 5th Year Maintenance		16.57	Per Plants	1988
	(6) 6th Year Maintenance		16.57	Per Plants	1988
	(7) 7th Year Maintenance		16.57	Per Plants	1988
	(8) 8th Year Maintenance		16.57	Per Plants	1988
	(9) 9th Year Maintenance		16.57	Per Plants	1988
	(10) 10th Year Maintenance		16.57	Per Plants	1988
	(11) Barbed wire fencing charges (in Rkm)	0.48	200000.12	Per Rkm.	96000
	Total Charges				175825
	Supervisory / Overhead / Miscellaneous Charges		10% on the total CA charges		17583
	Total (A) CA Charges				193408
B	Additional Compensatory Afforestation Charges				
	(1) 1st Year Cost of Afforestation	0	381.97	Per Plants	0
	(2) 2nd Year Maintenance		122.70	Per Plants	0
	(3) 3rd Year Maintenance		44.55	Per Plants	0
	(4) 4th Year Maintenance		16.57	Per Plants	0

	(5) 5th Year Maintenance		16.57	Per Plants	0
	(6) 6th Year Maintenance		16.57	Per Plants	0
	(7) 7th Year Maintenance		16.57	Per Plants	0
	(8) 8th Year Maintenance		16.57	Per Plants	0
	(9) 9th Year Maintenance		16.57	Per Plants	0
	(10) 10th Year Maintenance		16.57	Per Plants	0
	(11) Barbed wire fencing charges (in Rkm)	0.00	200000.12	Per Rkm.	0
	<b>Total (B) Addl. CA Charges</b>				0
C	<b>Catchment Area Treatment (if required)</b>				0
	<b>Soil Moisture Conservation (SMC) work</b>		30% on the total CA charges		58022
	<b>Total (C)</b>				58022
D	<b>Safety Zone (if required)</b>				0
E	<b>Additional Charges (if required)</b>				0
	-----				0
	-----				0
	<b>Total (D+E)</b>				0
F	Net Present value of Forest Land to be diverted	887000	Per ha.		14192
G	Felling charges = m <sup>3</sup>	8.13	1200	m <sup>3</sup>	9756
	<b>Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund</b>				275378

5. **Technical details:-**

- Technical detail of Compensatory Afforestation Scheme are as follows:-
- General Detail:- Plantation will be done with 3 strand barbed wire in
  - Spacing:- 4 x 2½ metre
  - Species:- Neem, Bakain, Papri etc.
  - Plantation method:- Tall Plantation
  - Soil and Moisture Conservation work:- Nil
  - Protection:- (Fencing, Watch man, People's Participation etc.): - Fencing
  - Proposed Monitoring Mechanism:- Checking of Plantation work will be Done by RFO, DCF, CF & DCF (M&E)
  - Any other information:- Nil

Place:- Kurukshetra  
Date:-

**Divisional Forest Officer**  
**Kurukshetra Forest Division**  
Kurukshetra

18/3/2021  
18/3/21

**Note:-** CF (T) should counter sign this CA scheme if Area to be afforested is more than 5 hect