

**Full Title of the Project:** Diversion of 0.0174 Ha of forest land for Proposal Hindustan Petroleum Corp. Limited Retail Outlet Petrol Pump along on Tauru-Bilaspur road(MDR-132) in plot with Khasra No- 17//16/2/2/2, 17//2/2/2/2, 24/2, 25/1/1 near Km. Stone 64(LHS) at Village Fatehpur, Tehsil-Tauru, Dist-Mewat (Haryana)

Online Proposal No. FP/HR/Others/20185/2016  
Date of Proposal: 02-08-2016

**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 **Hindustan Petroleum Corp. Limited Retail Outlet Petrol Pump along on Tauru-Bilaspur road(MDR-132) in plot with Khasra No-17//16/2/2/2, 17//2/2/2/2, 24/2, 25/1/1 near Km. Stone 64(LHS) at Village Fatehpur, Tehsil-Tauru, Dist-Mewat (Haryana).**

Forest Area = **0.0174 ha.**

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

Division **Mewat-Nuh** District **Mewat-Nuh**

Tehsil **Tauru** Range: **Nuh**

C.A. Site name : **Mehrola Section 4 & 5 area**

GPS Reading : **N 28°11'52.9" E 77° 02'35.1"**

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 cost is calculated for plantation as per Revitalization of Institutions for Aravalli at 5m x4m spacing and 500 plants per Hac. At the wages rate approved at Rs. 292.31/-per day as under:-

Year	Rate per Plant
1 <sup>st</sup> Year cost of afforestation	Rs. 171/- Per Plant
2 <sup>nd</sup> Year maintenance	Rs. 52/- Per Plant
3 <sup>rd</sup> Year maintenance	Rs. 44/- Per Plant
4 <sup>th</sup> Year maintenance	Rs. 48/- Per Plant
5 <sup>th</sup> Year maintenance	Rs. 62/- Per Plant
6 <sup>th</sup> Year maintenance	Rs. 68/- Per Plant
7 <sup>th</sup> Year maintenance	Rs. 75/- Per Plant
8 <sup>th</sup> Year maintenance	Rs. 48/- Per Plant
9 <sup>th</sup> Year maintenance	Rs. 44/- Per Plant
10 <sup>th</sup> Year maintenance	Rs. 48/- Per Plant
<b>Total</b>	<b>Rs. 660/-</b>

Area to be Diverted = **0.007365 ha.**

No. of trees to be felled= Nil

Plants to be damaged= 3 No.

Area to be planted = Two time of the area to be diverted= **0.0174 x 2 = 0.0348 ha.**

Plants to be Planted = **35 (@ 1000 plant per ha.)**

S.No	DESCRIPTION		RATE	TOTAL AMOUNT (Rs.)
A	<b>Net Present Value of Forest Land to be diverted</b>		Rs. 887000/- per ha.	<b>15434</b>
B	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 <sup>st</sup> Year cost of afforestation	35	Rs. 171/- Per Plant	5985
	(2) 2 <sup>nd</sup> Year maintenance	35	Rs. 52/- Per Plant	1820
	(3) 3 <sup>rd</sup> Year maintenance	35	Rs. 44/- Per Plant	1540
	(4) 4 <sup>th</sup> Year maintenance	35	Rs. 48/- Per Plant	1680
	(5) 5 <sup>th</sup> Year maintenance	35	Rs. 62/- Per Plant	2170
	(6) 6 <sup>th</sup> Year maintenance	35	Rs. 68/- Per Plant	2380
	(7) 7 <sup>th</sup> Year maintenance	35	Rs. 75/- Per Plant	2625
	(8) 8 <sup>th</sup> Year maintenance	35	Rs. 48/- Per Plant	1680
	(9) 9 <sup>th</sup> Year maintenance	35	Rs. 44/- Per Plant	1540
	(10) 10 <sup>th</sup> Year maintenance	35	Rs. 48/- Per Plant	1680
	(11) Barbed wire fencing charge= Nil		Rs.76700/- Per RKM	0
<b>Total Charges</b>				<b>23100</b>
Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges		2310
<b>Sub Total (A) Total C.A. Charges</b>				<b>25410</b>
C	<b>Additional Compensatory Afforestation Charges</b>			
	(1) 1 <sup>st</sup> Year cost of afforestation	6	Rs. 171/- Per Plant	1026

77


	(2) 2 <sup>nd</sup> Year maintenance	6	Rs. 52/- Per Plant	312
	(3) 3 <sup>rd</sup> Year maintenance	6	Rs. 44/- Per Plant	264
	(4) 4 <sup>th</sup> Year maintenance	6	Rs. 48/- Per Plant	288
	(5) 5 <sup>th</sup> Year maintenance	6	Rs. 62/- Per Plant	372
	(6) 6 <sup>th</sup> Year maintenance	6	Rs. 68/- Per Plant	408
	(7) 7 <sup>th</sup> Year maintenance	6	Rs. 75/- Per Plant	450
	(8) 8 <sup>th</sup> Year maintenance	6	Rs. 48/- Per Plant	288
	(9) 9 <sup>th</sup> Year maintenance	6	Rs. 44/- Per Plant	264
	(10) 10 <sup>th</sup> Year maintenance	6	Rs. 48/- Per Plant	288
	(11) Barbed wire fencing charge=		Rs.76700/- Per RKM	0
	<b>Sub Total (B) Total Addl. C.A. Charges</b>			<b>3960</b>
<b>D</b>	<b>Site Specific requirements for plantation Aravalli Hill's (area closed under Section 4&amp;5 of PLPA 1900)</b>			
<b>1</b>	<b>Peripheral Trenches 1M*1M*400 in the Aravalli Areas</b>			9615.00
<b>2</b>	<b>Loose Stone Wall 400x1.25x0.75</b>			35930.00
<b>3</b>	<b>Clearing of Mesquite stumps including pruning of Singled shoots in first year X 2</b>			419.00
<b>4</b>	<b>Kikar Sowing in Peripheral Trench</b>			3212.00
<b>4 (a)</b>	<b>First Clearing and spacing of Kikar Sowing</b>			2117.00
<b>4 (b)</b>	<b>Line Sowing of Kikar Seeds</b>			529.00
	<b>Total Site Specific Requirement Charge ( D )</b>			<b>51822.00</b>
<b>E</b>	<b>Felling Charges Volume=</b>	<b>0.0</b>	<b>Rs.1200/- per m3</b>	<b>0.00</b>
<b>F</b>	<b>Plantation Damage Charges.=</b>	<b>0</b>	<b>Rs. 600/-Plant</b>	<b>0.00</b>
	<b>Total (E+F)</b>			<b>0</b>
<b>G</b>	<b>Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)</b>			<b>2898</b>
	<b>GRAND TOTAL (A+B+C+D+E+F+G) TO BE DEPOSITED IN CAMPA FUND</b>			<b>99524</b>

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 × 2½ 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 Forest Divn.  
 NUB

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