

Full Title of the Project: Diversion of 0.0120 ha. for forest land for access to the Proposed Petrol Pump of Hindustan Petroleum Corporation Ltd. along on Hodal-Punhana-Nagina Road (MDR-131). At RD 12226M (LHS) at Village Singar, Tehsil-Punhana, Mewat (Haryana).

Online Proposal No. FP/HR/Others/18922/2016  
Date of Proposal: 13-06-2016

**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 Corporation Ltd. along on Hodal-Punhana-Nagina Road (MDR-131). At RD 12226M (LHS) khasra No- 87//8/1 at Village Singar, Tehsil-Punhana, Distt. Mewat (Haryana).**

Forest Area = 0.0120 ha.

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

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

Tehsil **Punhana** Range: **Punhana**

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

**GPS Reading : N 27° 48' 34.22" E 76° 55' 27.41"**

**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 = 0.120 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= 0.0120x2=0.0240 ha.

Plants to be Planted = 24 (@ 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>10644</b>
B	Compensatory Afforestation Charges	No. of Plants		
	(1) 1 <sup>st</sup> Year cost of afforestation	24	Rs. 171/- Per Plant	4104
	(2) 2 <sup>nd</sup> Year maintenance	24	Rs. 52/- Per Plant	1248
	(3) 3 <sup>rd</sup> Year maintenance	24	Rs. 44/- Per Plant	1056
	(4) 4 <sup>th</sup> Year maintenance	24	Rs. 48/- Per Plant	1152
	(5) 5 <sup>th</sup> Year maintenance	24	Rs. 62/- Per Plant	1488
	(6) 6 <sup>th</sup> Year maintenance	24	Rs. 68/- Per Plant	1632
	(7) 7 <sup>th</sup> Year maintenance	24	Rs. 75/- Per Plant	1800
	(8) 8 <sup>th</sup> Year maintenance	24	Rs. 48/- Per Plant	1152
	(9) 9 <sup>th</sup> Year maintenance	24	Rs. 44/- Per Plant	1056
	(10) 10 <sup>th</sup> Year maintenance	24	Rs. 48/- Per Plant	1152
	(11) Barbed wire fencing charge= Nil		Rs. 76700/- Per RKM	0
	<b>Total Charges</b>			<b>15840</b>
C	Supervisory / Overhead / Miscellaneous Charges		10% on the CA charges	1584
	<b>Sub Total (A) Total C.A. Charges</b>			<b>17424</b>
	<b>Additional Compensatory Afforestation Charges</b>			
	(1) 1 <sup>st</sup> Year cost of afforestation	-	Rs. 171/- Per Plant	-
	(2) 2 <sup>nd</sup> Year maintenance	-	Rs. 52/- Per Plant	-
	(3) 3 <sup>rd</sup> Year maintenance	-	Rs. 44/- Per Plant	-
	(4) 4 <sup>th</sup> Year maintenance	-	Rs. 48/- Per Plant	-
	(5) 5 <sup>th</sup> Year maintenance	-	Rs. 62/- Per Plant	-
	(6) 6 <sup>th</sup> Year maintenance	-	Rs. 68/- Per Plant	-



	(7) 7 <sup>th</sup> Year maintenance	-	Rs. 75/- Per Plant	-
	(8) 8 <sup>th</sup> Year maintenance	-	Rs. 48/- Per Plant	-
	(9) 9 <sup>th</sup> Year maintenance	-	Rs. 44/- Per Plant	-
	(10) 10 <sup>th</sup> Year maintenance	-	Rs. 48/- Per Plant	-
	(11) Barbed wire fencing charge=		Rs.76700/- Per RKM	0
	Sub Total (B) Total Addl. C.A. Charges			0
<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>	Peripheral Trenches 1M*1M*400 in the Aravalli Areas			9615.00
<b>2</b>	Loose Stone Wall 400x1.25x0.75			35930.00
<b>3</b>	Clearing of Mesquite stumps including pruning of Singled shoots in first year X 2			419.00
<b>4</b>	Kikar Sowing in Peripheral Trench			3212.00
<b>4 (a)</b>	First Clearing and spacing of Kikar Sowing			2117.00
<b>4 (b)</b>	Line Sowing of Kikar Seeds			529.00
	Total Site Specific Requirement Charge ( D )			<b>51822.00</b>
<b>E</b>	Felling Charges Volume=	0	Rs.1200/- per m3	0.00
<b>F</b>	Plantation Damage Charges.=	0	Rs. 600/-Plant	0.00
	Total (E+F)			<b>0.00</b>
<b>G</b>	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)			<b>2397</b>
	GRAND TOTAL (A+B+C+D+E+F+G) TO BE DEPOSITED IN CAMPA FUND			<b>82287.00 or say 82287.00</b>

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacing:- 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.**