

Full Title of the Project: Diversion of 0.0164 hac. of Forest Land for road access to the proposed petrol pump of Hindustan Petroleum Corporation Ltd. on Hodel Patauda Road of MDR-132 and (Between Bilaspur Pataudi) Hodal Road to Patauda Road Km.79.000 R/side, at Village-Pataudi, under Forest Division & Distt. Gurugram.

File No. : FP/HR/Approach/147259/2021

Date of Proposal: -----

CHECK LIST SERIAL NUMBER: - 18
“SCHEME FOR COMPENSATORY AFFORESTATION

Detail scheme for Compensatory Afforestation in lieu of proposal for diversion of **0.0164 Hac.** of forest land for **proposed petrol pump of Hindustan Petroleum Corporation Ltd. along Hodal Patauda Road (Between Bilaspur Pataudi) Hodal Road to Patauda Road km.79.000 R/side at village- Pataudi, Under Forest Division and Distt. Gurugram..**

1. Details of degraded forest land/non-forest land: -

District: -**Gurugram** Tehsil: **Gurugram**
Forest Division: - **Gurugram** Range: **Sohna**
Block/Compt/Survey No.:- **Raipur Reserve Forest**
Area to be afforested: **110 plants will be planted.**
GPS Reading:- **N 28°13' 21.55" E 77° 3' 36.29"**

2. Description of the Area:-

- Whether the site selected for Compensatory Afforestation is a land bank (Yes or No):- **the site selected for Compensatory Afforestation is not a land bank.**
- If the CA site is other than the land bank, reasons are given:- **Plantation will be carried in Raipur Reserve Forest.**
- In case of Non-Forest area identified for CA, then what is the distance of CA site from adjoining forest boundary: - **CA will be carried in Raipur Reserve Forest**
- d) Soil type: - **Arid brown soil with texture varies from sandy loam to clay.**
- Topography:-
 - a. Hilly/Undulating/Plain **Plain**
 - b. Slope: - Steep/Medium/Gentle **Gentle**
- g) Whether the area is bearing any root stock of vegetation:- **No**

3. Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up is as under:

4. Schedule of Plantation Programme:-

Detail of year wise break-up of requirements of funds is as under:-

The Plantation is calculated for **Tall Plants norms at 4m X 2.5m spacing as per PCCF, Haryana letter no. 1043 dated 02.06.2020 at the wages rate of Rs.388/- per day as under:-**

Sr. No.	Year	Cost norm per plant
1	1 st Year Plantation	437.41/- Per Plant
2	2 nd Year Maintenance	167.83/- Per Plant
3	3 rd Year Maintenance	129.69/- Per Plant
4	4 th Year Maintenance	82.05/- Per Plant
5	5 th Year Maintenance	24.80/- Per Plant
6	6 th Year Maintenance	13.80/- Per Plant
7	7 th Year Maintenance	13.80/- Per Plant
8	8 th Year Maintenance	13.80/- Per Plant
9	9 th Year Maintenance	13.80/- Per Plant
10	10 th Year Maintenance	13.80/- Per Plant
	Total Cost.	910.78/-

Area to be diverted: 0.0164 Hec.

Area to be planted (One/two/ten times the diverted area) = 100 Plants & 10 Addl. plants will be planted

No. of trees to be felled= 1

No. of Plants to be damaged=5

Number of Plants to be planted (@ 1000 Plant per Hec.) = 100 Plants & 10 Addl. plants will be planted

Sr. No.	Description	No. of Plants	Rate	Total Amount (Rs.)
	Compensatory Afforestation Charges			
1	1st Year Plantation	100	437.41/- per plant	43741.00
2	2nd Year Plantation	100	167.83/- per plant	16783.00
3	3rd Year Plantation	100	129.69/- per plant	12969.00
4	4th Year Plantation	100	82.05/- per plant	8205.00
5	5th Year Plantation	100	24.80/- per plant	2480.00
6	6th Year Plantation	100	13.80/- per plant	1380.00
7	7th Year Plantation	100	13.80/- per plant	1380.00
8	8th Year Plantation	100	13.80/- per plant	1380.00
9	9th Year Plantation	100	13.80/- per plant	1380.00
10	10th Year Plantation	100	13.80/- per plant	1380.00
A	Total Charges of (A Above)			91078.00
Additional Compensatory Afforestation				
1	1st Year Plantation	10	437.41/- per plant	4374.10
2	2nd Year Plantation	10	167.83/- per plant	1678.30
3	3rd Year Plantation	10	129.69/- per plant	1296.90
4	4th Year Plantation	10	82.05/- per plant	820.50
5	5th Year Plantation	10	24.80/- per plant	248.00
6	6th Year Plantation	10	13.80/- per plant	138.00
7	7th Year Plantation	10	13.80/- per plant	138.00
8	8th Year Plantation	10	13.80/- per plant	138.00
9	9th Year Plantation	10	13.80/- per plant	138.00
10	10th Year Plantation	10	13.80/- per plant	138.00
B	Total Charges of (B Above)			9107.80
C	Barbed Wire Fencing Charge	0.4	Rs. 200000/- Per RKM	80000.00
D	Supervisory/Overhead/Miscellaneous Charges		10% On the total CA Charges	10018.58
E	Soil & Moisture Vonservation Charges		30% of Total CA	30055.74
F	Felling Charges Volume=	1.98	Rs.1200/- per m3	2376.00
G	Exigency Charges 3% of the Total Cost of (A+B+C+D+E+F)			6679.08
TOTAL (A+B+C+D+E+F+G)				229315.20 or say 229315.00

5. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details: - **Plantation will be done in Raipur Reserve Forest**
- b) Spacing: - **4m X 2.5 m Plantation**
- c) Species: - **Neem, Arjun etc.**
- d) Plantation Method: - **Tall Plant**
- e) Soil and Moisture Conservation Works: - **Nil**
- f) Protection (Fencing, Watch man, People's Participation etc.): - **Fencing**
- g) Proposed Monitoring Mechanism: - **Checking of plantation works will be RFO, DCF, CF, and DCF, (M&E)**
- h) Any other information: - **Nil**

Date.....
Place :- Gurugram


Divisional Forests Officer
Gurugram
Divisional Forest Officers
Gurugram