

Full Title of the Project: Diversion of 0.0644 ha. of forest land for proposed Petrol Pump of HPCL on Delhi-Ambala road (NH-44), near Km. stone-183, L/side, Khasra No. 371/2,372/1 at village Jainpur, Tehsil Shahbad, Distt. Kurukshetra under Forest Division & Distt. Kurukshetra

File No. : FP/HR/APPROACH/121412/2021

Date of Proposal: 17-02-2021

CHECK LIST SERIAL: NUMBER -18

"SCHEME FOR COMPENSATORY AFFORESTATION"

Name of the Forest/Reach to be diverted :

Full Title of the Project: Diversion of 0.0644 ha. of forest land for proposed Petrol Pump of HPCL on Delhi-Ambala road (NH-44), near Km. stone-183, L/side, Khasra No. 371/2,372/1 at village Jainpur, Tehsil Shahbad, Distt. Kurukshetra under Forest Division & Distt. Kurukshetra
Forest Area =0.0644..... 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 : Ram Nagar Bundh RD 39 to 41 L/side

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:-

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

| Area to be diverted | | | | | | | In ha. |
|---|--|--|---------------|-----------------------------|------------|--------------------|--------|
| | | | | | | | 0.0644 |
| No. of Plants to be felled | | | | | | | 16 |
| Plants to be damaged | | | | | | | 8 |
| Plants to be planted | | | | | | | 145 |
| Area to be planted | | | | | | | 0.16 |
| Additional CA in lieu of plants to be damaged (Double the plants to be damaged) | | | | | | | 16 |
| Sr. No. | DESCRIPTION | | | RATE | Per | TOTAL AMOUNT (Rs.) | |
| A | Compensatory Afforestation Charges | | No. of Plants | | | | |
| | (1) 1st Year Cost of Afforestation | | 145 | 381.97 | Per Plants | | 55386 |
| | (2) 2nd Year Maintenance | | | 122.70 | Per Plants | | 17792 |
| | (3) 3rd Year Maintenance | | | 44.55 | Per Plants | | 6460 |
| | (4) 4th Year Maintenance | | | 16.57 | Per Plants | | 2403 |
| | (5) 5th Year Maintenance | | | 16.57 | Per Plants | | 2403 |
| | (6) 6th Year Maintenance | | | 16.57 | Per Plants | | 2403 |
| | (7) 7th Year Maintenance | | | 16.57 | Per Plants | | 2403 |
| | (8) 8th Year Maintenance | | | 16.57 | Per Plants | | 2403 |
| | (9) 9th Year Maintenance | | | 16.57 | Per Plants | | 2403 |
| | (10) 10th Year Maintenance | | | 16.57 | Per Plants | | 2403 |
| | (11) Barbed wire fencing charges (in Rkm) | | 0.58 | 200000.12 | Per Rkm. | | 116000 |
| | Total Charges | | | | | | 212456 |
| | Supervisory / Overhead / Miscellaneous Charges | | | 10% on the total CA charges | | | 21246 |
| | Total (A) CA Charges | | | | | | 233701 |
| B | Additional Compensatory Afforestation Charges | | | | | | |
| | (1) 1st Year Cost of Afforestation | | 16 | 381.97 | Per Plants | | 6112 |
| | (2) 2nd Year Maintenance | | | 122.70 | Per Plants | | 1963 |
| | (3) 3rd Year Maintenance | | | 44.55 | Per Plants | | 713 |
| | (4) 4th Year Maintenance | | | 16.57 | Per Plants | | 265 |
| | (5) 5th Year Maintenance | | | 16.57 | Per Plants | | 265 |
| | (6) 6th Year Maintenance | | | 16.57 | Per Plants | | 265 |
| | (7) 7th Year Maintenance | | | 16.57 | Per Plants | | 265 |
| | (8) 8th Year Maintenance | | | 16.57 | Per Plants | | 265 |
| | (9) 9th Year Maintenance | | | 16.57 | Per Plants | | 265 |
| | (10) 10th Year Maintenance | | | 16.57 | Per Plants | | 265 |
| | (11) Barbed wire fencing charges (in Rkm) | | 0.06 | 200000.12 | Per Rkm. | | 12800 |
| | Total (B) Addl. CA Charges | | | | | | 23443 |

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| | | | | |
|---|---|-----------------------------|---------------------|--------|
| C | Catchment Area Treatment (if required) | | | |
| | Soil Moisture Conservation (SMC) work | 30% on the total CA charges | | 70110 |
| | Total (C) | | | 70110 |
| D | Safety Zone (if required) | | | 0 |
| E | Additional Charges (if required) | | | |
| | ----- | | | 0 |
| | ----- | | | 0 |
| | Total (D+E) | | | |
| F | Net Present value of Forest Land to be diverted | 887000 | Per ha. | 57123 |
| G | Felling charges = m ³ | 3.39 | 1200 m ³ | 4068 |
| | Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund | | | 388445 |

5. **Technical details:-**

Technical detail of Compensatory Afforestation Scheme are as follows:-

- a) General Detail:- Plantation will be done with 3 strand barbed wire in
- b) Spacing:- 4 x 2½ metre
- c) Species:- Neem, Bakain, Papri etc.
- d) Plantation method:- Tall Plantation
- e) Soil and Moisture Conservation work:- Nil
- f) Protection:- (Fencing, Watch man, People's Participation etc.): -Fencing
- g) Proposed Monitoring Mechanism:- Checking of Plantation work will be
Done by RFO, DCF, CF&DCF(M&E)
- h) Any other information:- Nil

Place:- Kurukshetra

Date:-


 Divisional Forest Officer
 Kurukshetra Forest Division
 Kurukshetra

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