

Full Title of the Project: Diversion of 0.0072ha. Forest Land for const. of app. Road to retail outlet along Bahadurgarh Chhara Road R/s by HPC Ltd at VPO Matan in Distt. Jhajjar

File No. : FCA-1980-C-XVII-283

Date of Proposal: 24 Nov., 2017

CHECK LIST SERIAL NUMBER: 17
“SCHEME FOR COMPENSATORY AFFORESTATION”

Forest Area = **0.0072Ha.**

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

Division:- **Jhajjar** District:-**Jhajjar** Tehsil:**Bahadurgarh** Range:- **Bahadurgarh**

C.A Site Name – **Bahadurgarh Chhara Road Km 10**

Start E 76° 48' 38.43" N 28° 41' 58.40"

End E 76° 48' 15.11" N 28° 41' 51.90"

Area to be Afforested :-

Whether the site selected for Compensatory Afforestation is a land bank or not :- No, the site selected for compensatory afforestation in not a land bank.

If the CA site is other than the land bank, reasons be given :- **There is no land bank in District Jhajjar. Plantation will be done in protected forest areas.**

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

i. Soil type :- Sandy Loam

ii. Topography :- a. Hilly/Undulating/Plain

b. Slope:- Steep/Midium/Gentle

vi. Whether the area is bearing any root stock of vegetation :- Nil

Plantation Model:-

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial break up to be enclosed.

2. Schedule of Plantation Programme :-

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

The plantation cost is calculated for tall plantation norms at 4mx2.5m spacing and it is approved by the PCCF Haryana letter no. 6693-6713 dated 15-02-2016 at the wage rate of Rs 318.46/- per days as under:

| Sr. No | Year | Rate per plants |
|--------|----------------------------------|----------------------|
| 1 | 1 st Year Plantation | Rs. 244/- per Plants |
| 2 | 2 nd Year Plantation | Rs. 83/- per Plants |
| 3 | 3 rd Year Plantation | Rs. 33/- per Plants |
| 4 | 4 th Year Plantation | Rs. 25/- per Plants |
| 5 | 5 th Year Plantation | Rs. 26/- per Plants |
| 6 | 6 th Year Plantation | Rs. 15/ per Plants |
| 7 | 7 th Year Plantation | Rs. 9/- per Plants |
| 8 | 8 th Year Plantation | Rs. 9/- per Plants |
| 9 | 9 th Year Plantation | Rs. 10/- per Plants |
| 10 | 10 th Year Plantation | Rs. 11/- per Plants |
| | Total | Rs. 465 |

Area to be Diverted = 0.0072 ha.

No. of trees to be felled = Nil

Plants to be damaged = 20

Plants to be planted = 50

Area to be Planted = 0.050 (@ 1000 plant per ha.)

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged) = 40 Plants

| S.No | DESCRIPTION | | RATE | TOTAL AMOUNT (Rs.) |
|------|--|---------------|-----------------------|--------------------|
| A | Compensatory Afforestation Charges | No. of Plants | | |
| | (1) 1 st Year cost of afforestation | 50 | Rs. 244/- per Plants | 12200 |
| | (2) 2 nd Year maintenance | 50 | Rs. 83/- per Plants | 4150 |
| | (3) 3 rd Year maintenance | 50 | Rs. 33/- per Plants | 1650 |
| | (4) 4 th Year maintenance | 50 | Rs. 25/- per Plants | 1250 |
| | (5) 5 th Year maintenance | 50 | Rs. 26/- per Plants | 1300 |
| | (6) 6 th Year maintenance | 50 | Rs. 15/ per Plants | 750 |
| | (7) 7 th Year maintenance | 50 | Rs. 9/- per Plants | 450 |
| | (8) 8 th Year maintenance | 50 | Rs. 9/- per Plants | 450 |
| | (9) 9 th Year maintenance | 50 | Rs. 10/- per Plants | 500 |
| | (10) 10 th Year maintenance | 50 | Rs. 11/- per Plants | 550 |
| | (11) Barbed wire fencing charge= 0.28RKM | | Rs.160000/-Per RKM | 32000 |
| | Total Charges | | | 55250 |
| | Supervisory / Overhead / Miscellaneous Charges | | 10% on the CA charges | 5525 |
| | Total (A) C.A. Charges | | | 60775 |

| B Additional Compensatory Afforestation Charges | | | | |
|---|---|----|-------------------------------|---------------|
| (1) | 1 st Year cost of afforestation | 40 | Rs. 244/- per Plants | 9760 |
| (2) | 2 nd Year maintenance | 40 | Rs. 83/- per Plants | 3320 |
| (3) | 3 rd Year maintenance | 40 | Rs. 33/- per Plants | 1320 |
| (4) | 4 th Year maintenance | 40 | Rs. 25/- per Plants | 1000 |
| (5) | 5 th Year maintenance | 40 | Rs. 26/- per Plants | 1040 |
| (6) | 6 th Year maintenance | 40 | Rs. 15/ per Plants | 600 |
| (7) | 7 th Year maintenance | 40 | Rs. 9/- per Plants | 360 |
| (8) | 8 th Year maintenance | 40 | Rs. 9/- per Plants | 360 |
| (9) | 9 th Year maintenance | 40 | Rs. 10/- per Plants | 400 |
| (10) | 10 th Year maintenance | 40 | Rs. 11/- per Plants | 440 |
| (11) | Barbed wire fencing charge=0.16 RKM | | Rs.16000/- Per RKM | 25600 |
| Total (B) Addl. C.A. Charges | | | | 44200 |
| C Catchment Area Treatment (if required) | | | | |
| | Soil and Moisture Conservation charges | | 30% of the Total CA | 0 |
| Total (D) | | | | 0 |
| D | Safety Zone (if required) | | | 0 |
| E Additional Charges (if required) | | | | |
| | | | | 0 |
| | | | | 0 |
| Total (F) | | | | 0 |
| F | Net Present Value of Forest Land to be diverted | | Rs. 887000/- per ha. | 6386 |
| G | Felling charges = m ³ | | Rs.1000 /- per m ³ | 0 |
| GRAND TOTAL. (A+B+C+D+E+F+G) to be deposited in CAMPA Fund | | | | 111361 |

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- General Details:- Plantation will be done with 3 strand barbed wire.
- Spacemnt:- 4 × 2½ meter TP Planting species
- Species:- Neem, Bakain, Papri etc.
- 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 : Jhajjar

Dated 23-01-2018

Divisional Forest Officer
Jhajjar Forest Division

Office Seal.....