

Full Title of the Project :- Diversion of 0.0266 Ha. of Forest Land for access to the Proposed Retail Outlet of Bharat Petroleum Corporation Ltd. at Village Kharkan on Kharkan-Kaithal Road, Tehsil Guhla, Distt. Kaithal, Haryana, Khasra No. 118//9/1/2/2.

File No :- FP/HR/Approach/117598/2020

Date of Proposal :- 23/02/2021

CHECK LIST SERIAL NUMBER: 17

" Scheme for C.A."

Name of the Forest/Reaches to be diverted :-

Diversion of 0.0266 Ha. of Forest Land for access to the Proposed Retail Outlet of Bharat Petroleum Corporation Ltd. at Village Kharkan on Kharkan-Kaithal Road, Tehsil Guhla, Distt. Kaithal, Haryana, Khasra No. 118//9/1/2/2.

Forest Area = **0.0266 Ha.**

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

Division **Kaithal** District **Kaithal**
Tehsil **Kaithal** Range **Kaithal**

C.A. Site Name :- **Kichana Minor RD 0-8 L&R**

Area to be Afforested :-

- a) Whether the site selected for Compensatory Afforestation is a land bank (Yes or Not : **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 : **Good**
- ii) Topography :
(a)Hilly/Undulating/**Plain**
(b)Slope: Steep/Medium/**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 requirements of funds is as under :-

The plantation cost is calculated for Tall Plants norms at 4m x 4m spacing at the wage rate of Rs. 396.77 per day as under :-

| Sr. No. | Year | Rate per Plant |
|---------|--------------------------------|---------------------------|
| 1 | Ist Year cost of afforestation | Rs.192.87/-Per Plant |
| 2 | IInd Year maintenance | Rs. 77.48/- Per Plant |
| 3 | IIIrd Year maintenance | Rs. 36.60/- Per Plant |
| 4 | IVth Year maintenance | Rs. 12.83/- Per Plant |
| 5 | Vth Year maintenance | Rs. 12.83/- Per Plant |
| 6 | VIth Year maintenance | Rs. 12.83/- Per Plant |
| 7 | VIIth Year maintenance | Rs. 12.83/- Per Plant |
| 8 | VIIIth Year maintenance | Rs. 12.83/- Per Plant |
| 9 | IXth Year maintenance | Rs. 12.83/- Per Plant |
| 10 | Xth Year maintenance | Rs. 12.83/- Per Plant |
| | Total | 396.77/- Per Plant |

Area to be Diverted = **0.0266 Ha.**

No. of trees to be felled = **12**

Plants to be damaged = **0**

Area to be planted under normal CA :- **0.0532 Ha.** (Double the area to be diverted)

Plants to be Planted under normal CA:- **53.2 Plants or say 12x10= 120 Plants**

Additional C.A. in lieu of plants to be damaged (Double the plants to be damaged)
= **0 Plants**

Area to planted under Addl. CA :- **0.12 Ha.** @ 1000 plants per Ha.)

Total No. of plants to be planted (CA+Addl. CA) :- **120 Plants**

Total Area to be planted (CA+Addl. CA) :- **0.12 Ha.** (@1000 plants per Ha.)

| Sr. No. | Description | | Rate | Total Amount (Rs.) | |
|----------|---|--|-----------------------------|-----------------------|--------------|
| A | Compensatory Afforestation Charges | | No. of Plants | | |
| | (1) | 1 st Year cost of afforestation | 120 | Rs.192.87/-Per Plant | 23114 |
| | (2) | 2 nd year maintenance | 120 | Rs. 77.48/- Per Plant | 9298 |
| | (3) | 3 rd year maintenance | 120 | Rs. 36.60/- Per Plant | 4392 |
| | (4) | 4 th year maintenance | 120 | Rs. 12.83/- Per Plant | 1540 |
| | (5) | 5 th year maintenance | 120 | Rs. 12.83/- Per Plant | 1540 |
| | (6) | 6 th year maintenance | 120 | Rs. 12.83/- Per Plant | 1540 |
| | (7) | 7 th year maintenance | 120 | Rs. 12.83/- Per Plant | 1540 |
| | (8) | 8 th year maintenance | 120 | Rs. 12.83/- Per Plant | 1540 |
| | (9) | 9 th year maintenance | 120 | Rs. 12.83/- Per Plant | 1540 |
| | (10) | 10 th year maintenance | 120 | Rs. 12.83/- Per Plant | 1540 |
| | (11) | Barbed wire fencing charges | RKM | Rs. 200000/- Per RKM | 0 |
| | | | 0.48 | | |
| | | Total Charges | | | 47584 |
| | Supervisory/Overhead/ Misc. Charger | | 20% on the total CA charges | 9517 | |
| | Total (A) C.A. Charge | | | 57101 | |
| B | Additional Compensatory Afforestation Charges 0 Plants | | | | |
| | (1) | 1 st Year cost of afforestation | 0 | Rs.192.87/-Per Plant | 0 |
| | (2) | 2 nd year maintenance | 0 | Rs. 77.48/- Per Plant | 0 |
| | (3) | 3 rd year maintenance | 0 | Rs. 36.60/- Per Plant | 0 |
| | (4) | 4 th year maintenance | 0 | Rs. 12.83/- Per Plant | 0 |
| | (5) | 5 th year maintenance | 0 | Rs. 12.83/- Per Plant | 0 |
| | (6) | 6 th year maintenance | 0 | Rs. 12.83/- Per Plant | 0 |
| | (7) | 7 th year maintenance | 0 | Rs. 12.83/- Per Plant | 0 |
| | (8) | 8 th year maintenance | 0 | Rs. 12.83/- Per Plant | 0 |
| | (9) | 9 th year maintenance | 0 | Rs. 12.83/- Per Plant | 0 |
| | (10) | 10 th year maintenance | 0 | Rs. 12.83/- Per Plant | 0 |
| | (11) | Barbed wire fencing charges | RKM | Rs. 200000/- Per RKM | 0 |
| | | 0.0 | | | |
| | Total (B) Addl. C.A. Charges | | | 0 | |
| C | Penal C.A | | | 0 | |
| D | Catchment Area Treatment | | | 0 | |
| | Soil and Moisture Conservation charges | | 30% of the Total CA | 0 | |
| | Total (D) | | | 0 | |
| E | Safety Zone (if required) | | | 0 | |
| F | Additional Charges (if required) | | Qty | Rate | |
| | Total (F) | | | 0 | |

| | | | | |
|---|-----------------|--------|------------------|--------|
| G | Felling charges | Vol.M3 | Rs. 1200/-per m3 | 6528 |
| | | 5.44 | | |
| Grand Total (A+B+C+D+E+F+G) to be deposited in CAMPA Fund | | | | 63,629 |

2. NPV Calculation Sheet for the vegetation density and Eco class of the protected forests :-

| Proposed Area Diverted | Eco Class | Vegetation | Vegetation Density | Rate per Ha. | Total NPV Amount |
|------------------------|-----------|-------------|--------------------|--------------|------------------|
| 0.0266 Ha. | III | Open Forest | 0.2 | 957780 | 25,477 |

3. Grand Total CA Scheme + NPV = 63,629 + 25,477 = 89,106/-

Place :- Kaithal.

Dated :-

Deputy Conservator of Forest,
Kaithal Forest Division,
Kaithal.

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