

Full Title of the Project: Diversion of forest land of 0.0088 ha for access to retail outlet BPCL on Nangal Shahbajpur-Jhabua road at village -Jhabua Distt. Rewari.
File No. FP/HR/Approach/46734/2020
Date of Proposal: 24-06-2020.

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

Name of the forest/reach to be diverted for retail outlet petrol pump on Nangal Shahbajpur - jhabua road at village jhabua in District Rewari.

Forest Area = 0.0088ha.

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

| | | | |
|-------------------|-----------------|--|----------------|
| Division : Rewari | District Rewari | Range: Bawal | Tehsil : Bawal |
| Village Jhabua | CA Site Name : | Jhabua RF compartment No.10 (100 plants) | |
| GPS: 28°0'50.13"N | 76°39'21.05"E | 28°0'53.95"N | 76°39'35.42"E |
| 28°0'30.79"N | 76°39'32.82"E | 28°0'40.49"N | 76°39'48.71"E |

Description of Area:-

- i- Whether the site selected for Compensatory Afforestation is a land bank or
Not No
- ii. If the CA site is other than the land bank, reasons be given :- Plantation will be carried out in Jhabua Reserved Forest compartment No.10
- iii. In case of non-forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary:- CA will be carried out in Jhabua Reserved Forest compartment No.10
- iv. Soil type :- Sandy Loam
- v. Topography :-
A. Hilly/ Undulating/Plain
B. Slope:- Steep/Medium/Gentle

Whether the area is bearing any root stock of vegetation :- No

2- Planatation Model :-

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

Strip Plantation of Tall Plants.

3 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 **Plantation as per Tall Plants**. at 4m X 4m spacing and it is approved by the PCC F Haryana Panchkula at the wage rate of Rs. 347.08/- per day as under:-

| Sr.No | Year | Rate Per Plant |
|-------|------------------------|---------------------|
| 1 | Ist Year Plantation | 381.36/- Per Plant |
| 2 | IIInd Year Plantation | 122.50/- Per Plant |
| 3 | IIIrd Year Plantation | 44.48/- Per Plant |
| 4 | IVth Year Plantation | 16.54/- Per Plant |
| 5 | Vth Year Plantation | 16.54/- Per Plant |
| 6 | VIth Year Plantation | 16.54/- Per Plant |
| 7 | VIIth Year Plantation | 16.54/- Per Plant |
| 8 | VIIIth Year Plantation | 16.54/- Per Plant |
| 9 | IXth Year Plantation | 16.54/- Per Plant |
| 10 | Xth Year Plantation | 16.54/- Per Plant |
| | Total | Rs. 664.12/- |

Area to be diverted = 0.0088

Area to be planted (two time diverted area= = 0.0176

No. of tree to be felled= = Nil

No. of plants to be damaged= = Nil

No. of plants to be planted = 100

The cost norms @ wage rate of Rs. 347.08/- will be as under:-

| Sr.No | DESCRIPTION | | Rate Per Plant | Amount |
|-------|---|---------------|--------------------|--------|
| A. | Net present Value of forest land to be diverted | | 8.87 lac/ha. | 7806 |
| B | Compensatory afforestation charges | No. of Plants | | |
| | 1 Ist Year cost of afforestation | 100 | 381.36/- Per Plant | 38136 |
| | 2 IIInd year maintenance | 100 | 122.50/- Per Plant | 12250 |
| | 3 IIIrd year maintenance | 100 | 44.48/- Per Plant | 4448 |
| | 4 IVth year maintenance | 100 | 16.54/- Per Plant | 1654 |
| | 5 Vth year maintenance | 100 | 16.54/- Per Plant | 1654 |
| | 6 VIth Year maintenance | 100 | 16.54/- Per Plant | 1654 |
| | 7 VIIth Year maintenance | 100 | 16.54/- Per Plant | 1654 |

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| | | | | |
|----|---|-------------------------------|----------------------|----------|
| | 8 VIIIth Year Plantation | 100 | 16.54/- Per Plant | 1654 |
| | 9 IXth Year Plantation | 100 | 16.54/- Per Plant | 1654 |
| | 10 Xth Year Plantation | 100 | 16.54/- Per Plant | 1654 |
| | | | | 66412 |
| | 6 Barbed wire fencing charge | 0.40 | Rs. 200000/- per RKM | 80000 |
| | | RKM | | |
| | | | | |
| | Supervisory/ overhead/misc. charges | 10 % on the total CA charges. | | 6641.42 |
| | Total CA charges to be deposit in CAMPA fund | | | 153053.2 |
| C | Additional Compensatory afforestation charges | | | |
| | 1 Ist Year cost of afforestation | 0 | 381.36/- Per Plant | 0 |
| | 2 IInd year maintenance | 0 | 122.50/- Per Plant | 0 |
| | 3 IIIrd year maintenance | 0 | 44.48/- Per Plant | 0 |
| | 4 IVth year maintenance | 0 | 16.54/- Per Plant | 0 |
| | 5 Vth year maintenance | 0 | 16.54/- Per Plant | 0 |
| | 6 VIth Year maintenance | 0 | 16.54/- Per Plant | 0 |
| | 7 VIIth Year maintenance | 0 | 16.54/- Per Plant | 0 |
| | 8 VIIIth Year Plantation | 0 | 16.54/- Per Plant | 0 |
| | 9 IXth Year Plantation | 0 | 16.54/- Per Plant | 0 |
| | 10 Xth Year Plantation | 0 | 16.54/- Per Plant | 0 |
| | 6 Barbed wire fencing charge | 0 | Rs. 200000/- per RKM | 0 |
| | | RKM | | |
| | Total (C) Addl. CA charges (1 to 6) | | | 0 |
| D | 1 Felling charges volume per m3 | 0 | Rs. 1200/- per cum | 0 |
| E. | plantation damage charges | 0 | Rs. 600/- per plants | 0 |
| | Total (D+E) | | | 0 |
| F | Exigency Charges 30% of the Total CA | | 30% on the total CA | 45916 |
| | G. Total (A+B+C+D+E+F) | | | 206775.2 |

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Technical details: -

Technical details of Compensatory Afforestation Scheme are as follows: -

- (a). General Details: - Compensatory afforestation will be carried out along with Jhabua Reserved Forest compartment No.10 in Rewari District. Plantation will be done with three standard barbed wire.
- (b). Spacement: - 4 x 4m
- (c). Species:- Neem, bakain, Pahari Papri, Cassia fistula, Cordia myxa, zyzyphs, mauritiana, Albizia lebbeck, Albizia procera, Bauhina recemosa, Ficus glomerata, Ficus religiosa, Kigelia pinnata, Moringa oleifera, Syzgium cumini, Tamarindus indica, Tamarix articulate, Terminalia arjuna, Terminalia belarica, Jungle Jalebi, Morus Alba etc.
- (d). Plantation Method: Tall Plantation.
- (e). Soil and Moisture Conservation works:- Watering Hoeing and weeding , mulching
- (f). Protection (Fencing, Watch man, People's Participation etc.): - Fencing.
- (g). Proposed Monitoring Mechanism:- Inspection by Officers.
- (h). Any other information :- NIL


Divisional Forest Officer
Rewari Forest Divn.
Rewari. 