

Full Title of the Project: **Diversion of 0.48 Ha. of forest land for shifting of 33Kv Tosham Sangwan line passing over newly constructed Judicial Court Complex Tosham with in the jurisdiction of DHBVN against Expression of Interest EOI-18/PD&C/2020-21 (Hr).**

File No. : FCA/S/ **FP/HR/VELEC/148750/2021.**

Date of Submission: **15.12.2021.**

CHECK LIST SERIAL NUMBER:-18

"SCHEME FOR C.A."

Name of the Forest/Reach to be diverted - Forest land for shifting of 33Kv Tosham Sangwan line passing over newly constructed Judicial Court Complex Tosham with in the jurisdiction of DHBVN against Expression of Interest EOI-18/PD&C/2020-21 (Hr).

Forest Area = 0.48 ha.

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

Division: District :

Area to be Afforested :- 0.96 ha.

- 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, reasons be given:-
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: **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 requirements of funds is as under:-

The plantation cost is calculated for Tall Plants norms at 4m x 2½m spacing at the wage rate of Rs. 382 per day as under:-

| Year | Rate per Plant |
|--|-------------------|
| 1 st Year cost of afforestation | Rs. 400 Per Plant |
| 2 nd Year maintenance | Rs. 98 Per Plant |
| 3 rd Year maintenance | Rs. 61 Per Plant |
| 4 th Year maintenance | Rs. 25 Per Plant |
| 5 th Year maintenance | Rs. 27 Per Plant |
| 6 th Year maintenance | Rs. 30 Per Plant |
| 7 th Year maintenance | Rs. 33 Per Plant |
| 8 th Year maintenance | Rs. 36 Per Plant |
| 9 th Year maintenance | Rs. 40 Per Plant |
| 10 th Year maintenance | Rs. 44 Per Plant |
| Total | Rs.794 |

Area to be Diverted : 0.48 ha.

No. of Trees to be felled : 11

No. of Plants to be damaged : 00.

Area to be planted under normal CA : 0.96 (Double the area to be diverted)

Plants to be Planted under normal CA : 960 nos. (@ 1000 plants per ha.)

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

Area to planted under Addl. CA : 0 (@ 1000 plants per ha.)

Total No. of plants to be planted (CA) 960

Total Area to be planted (CA+Addl.CA) : 0.96 ha. (@ 1000 plants per ha.)

| S.No | DESCRIPTION | | RATE | TOTAL AMOUNT (Rs.) |
|------|--|---------------|-----------------------|--------------------|
| A | Compensatory afforestation Charges | No. of Plants | | |
| | (1) 1 st Year cost of afforestation | 960 | Rs. 400/- Per Plant | 384000 |
| | (2) 2 nd Year maintenance | | Rs. 98/- Per Plant | 94080 |
| | (3) 3 rd Year maintenance | | Rs. 61/- Per Plant | 58560 |
| | (4) 4 th Year maintenance | | Rs. 25/- Per Plant | 24000 |
| | (5) 5 th Year maintenance | | Rs. 27/- Per Plant | 25920 |
| | (6) 6 th Year maintenance | | Rs. 30/- Per Plant | 28800 |
| | (7) 7 th Year maintenance | | Rs. 33/- Per Plant | 31680 |
| | (8) 8 th Year maintenance | | Rs. 36/- Per Plant | 34560 |
| | (9) 9 th Year maintenance | | Rs. 40/- Per Plant | 38400 |
| | (10) 10 th Year maintenance | | Rs. 44/- Per Plant | 42240 |
| | (11) Barbed wire fencing charge= 960/250= 3.84 Both sides 3.84 X 2 = 7.68 RKM | | Rs.200000/- Per RKM | 1536000 |
| | Total Charges | | | 2298240 |
| | Supervisory / Overhead / Miscellaneous Charges | | 10% on the CA charges | 229824 |
| | Sub Total (A) Total C.A. Charges | | | 2528064 |
| B | Additional Compensatory Afforestation Charges | | | |
| | (1) 1 st Year cost of afforestation | 0 | Rs. 400/- Per Plant | 0 |
| | (2) 2 nd Year maintenance | | Rs. 98/- Per Plant | 0 |
| | (3) 3 rd Year maintenance | | Rs. 61/- Per Plant | 0 |
| | (4) 4 th Year maintenance | | Rs. 25/- Per Plant | 0 |
| | (5) 5 th Year maintenance | | Rs. 27/- Per Plant | 0 |
| | (6) 6 th Year maintenance | | Rs. 30/- Per Plant | 0 |
| | (7) 7 th Year maintenance | | Rs. 33/- Per Plant | 0 |

| | | | |
|---|--|-------------------------------|----------------|
| | (8) 8 th Year maintenance | Rs. 36/- Per Plant | 0 |
| | (9) 9 th Year maintenance | Rs. 40/- Per Plant | 0 |
| | (10) 10 th Year maintenance | Rs. 44/- Per Plant | 0 |
| | (11) Barbed wire fencing charge= 0/250 = 0 Both sides = 0 X 2 = 0 RKM | Rs.200000/- Per RKM | 0 |
| | Sub Total (B) Total Addl. C.A. Charges | | 0 |
| C | Penal C.A. | | |
| | Total | | 2528064 |
| D | Catchment Area Treatment | | |
| | Soil and Moisture Conservation charges | 30% of the Total CA | 758420 |
| | Sub Total (D) | | 0 |
| E | Safety Zone | | 0 |
| F | Additional Charges | | |
| | | | 0 |
| | | | 0 |
| | Sub Total (F) | | 0 |
| G | Net Present Value of Forest Land to be diverted = 0.48 ha. | Rs. 887000/- per ha. | 425760 |
| H | Felling charges 4.99 m ³ | Rs.1400 /- per m ³ | 6986 |
| I | Plantation damage charges = 0 Plants | Rs. 236/- per plant | 0 |
| | GRAND TOTAL (A+B+C+D+E+F+G+H+I) to be deposited in CAMPA Fund | | 3719230 |

2. **Technical details:-**

Technical details of Compensatory Afforestation Scheme are as follows:-

- a) General Details:- Plantation will be done with 3 strand barbed wire.
- b) Spacement:- 4 x 2½ meter
- c) Species:-
- d) Plantation Method :- Plantation
- e) Soil and Moisture Conservation Works
- f) Protection (Fencing, Watch man, People's Participation etc.):- Fencing
- g) Proposed Monitoring Mechanism:- (M&E),
- h) Any Other information:- Nil.

Date:

Place Bhiwani


Divisional Forest Officer,
 Deputy Conservator of Forest,
Bhiwani Forest Division
 Bhiwani
Bhiwani