

Full title of Project: Diversion of 3.6693 ha. Forest Land in favour of M/s Cliff Finvest Pvt. Ltd. for the construction of Thaltukhod stage-II HEP (5.00 MW) , with in the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

File No. **FP/HP/HYD/43637/2019.**

SCHEME FOR COMPENSATORY AFFORESTATION

Detailed scheme for 7.50 hect. Compensatory Afforestation and its maintenance for 10 year to be carried out in lieu of 3.6693 ha, of forest area to be diverted in favour of M/s Cliff Finvest Pvt. Ltd. for the construction of Thaltukhod stage-II HEP (5.00 MW), within the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

1. Details of degraded forest land /non-forest land.

District: Mandi
Village: DPF Panjond
Tehsil: Joginder Nagar. Distt. Mandi
Name of Forest Division: Joginder Nagar. Range : Tikkan,
Block/ Compartment/ Survey No. 52D/16
Area to be afforested: **7.50 hect.**

2. Description of the Area:-

- i) Whether the site selected for Compensatory Afforestation is a land bank or not **_Yes.**
- ii) If the CA site is other than the land bank, reasons be given- No
- iii) In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: Forest Area.
- iv) Soil type- Sandy Loan
- v) Topography:
(a) Hilly/ Undulating/ Plain - Hilly
(b) Slope Steep/ Medium/Gentle Medium.
- vi) Whether the area is bearing any root stock of vegetation. Buses

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

4. Estimate for Compensatory afforestation to be carried out in lieu of area diverted under FCA, 1980 (For one hact. area)

A Compensatory Afforestation (1100) Plants/Ha) with RCC Fence Posts and 4 stand Barbed wire Fencing as per letter No. Ft. State CAMP/ 2010/ Norms/ Vol.III dated 15-07-2022 of Pr.CCF.(HoFF) HP.

-Cost per ha. (Exclusive of cost of plants)= 89,800/-

-Cost of plants (1100 No. i.e. 1100X11.75= 12,925/-


-Total Cost = Rs. 1,02,725/-


Divisional Forest Officer

5. **Schedule of Plantation Programme:-**

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


Particulars of Works	Plants/ hect.	Approved rate	Total amount
A-i Survey, Demarcation, Fencing and Planting	7.50 Hect. .	102725/-	7,70,438/-
Ist Year	-do-	10600/-	79,500/-
2 nd Year	-do-	7100/-	53,250/-
3 rd Year	-do-	3700/-	27,750/-
4 th Year	-do-	3700/-	27,750/-
5 th Year	-do-	3700/-	27,750/-
6 th Year	-do-	3700/-	27,750/-
7 th Year	-do-	3700/-	27,750/-
8 th Year	-do-	3700/-	27,750/-
9 th Year	-do-	3700/-	27,750/-
10 th Year	-do-	3700/-	27,750/-
Total A(i)			11,25,186/-
(A-ii) Ist Year Maintenance of Cost of Plants= 2250 Nos. (i.e 30% of total number planted in planting year)	10.79		24,278/-
IInd year maintenance of cost of plants = 1500 No. (i.e 20% of total number planted in planting year)	6.69		10,035/-
IIIrd year maintenance of cost of plants = 750 No. (i.e 10% of total number planted in planting year)	3.35		2,513/-
Total A-ii			36,826/-
Total-A			11,62,012/-
B(i) Soil conservation works.	7.50	30000/-	2,25,000/-
B (ii) Lantana eradication	7.50	22000/-	1,65,000/-
Total -B			3,90,000/-
Total A+B			15,52,012/-
Contingency @ 5%			77,601/-
Total			16,29,613/-
Department charges @ 17.5%			2,85,182/-
Total			19,14,795/-


Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

b. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- i) General details:- Plantation will be done through Pit method as per plantation norms.
- ii) Spacement:- Pits of size 45 x 45 x 45 cm and 30x30x30 cm will be used for planting of 60% naked root stock and 40% P/Bag stock.
- iii) Species Based on locality/ site factors, local demand of people and will be mostly - Ban (Quercus leucotrichophora) Deodar (Cedrus deodara)
- iv) Plantation Method:- Pit planting method.
- v) Soil and Moisture Conservation Works:- 25% of afforestation cost.
- vi) Protection (Fencing Watchman, People's participation etc);- B/wire fencing using concrete same posts.
- vii) Proposed monitoring Mechanism:- By higher authority, Monitoring and Evaluation and divisional level.
- viii) Any other information:- nil


Divisional Forests Officer,
Forest Division, Joginder Nagar.
Joginder Nagar (H.P.)