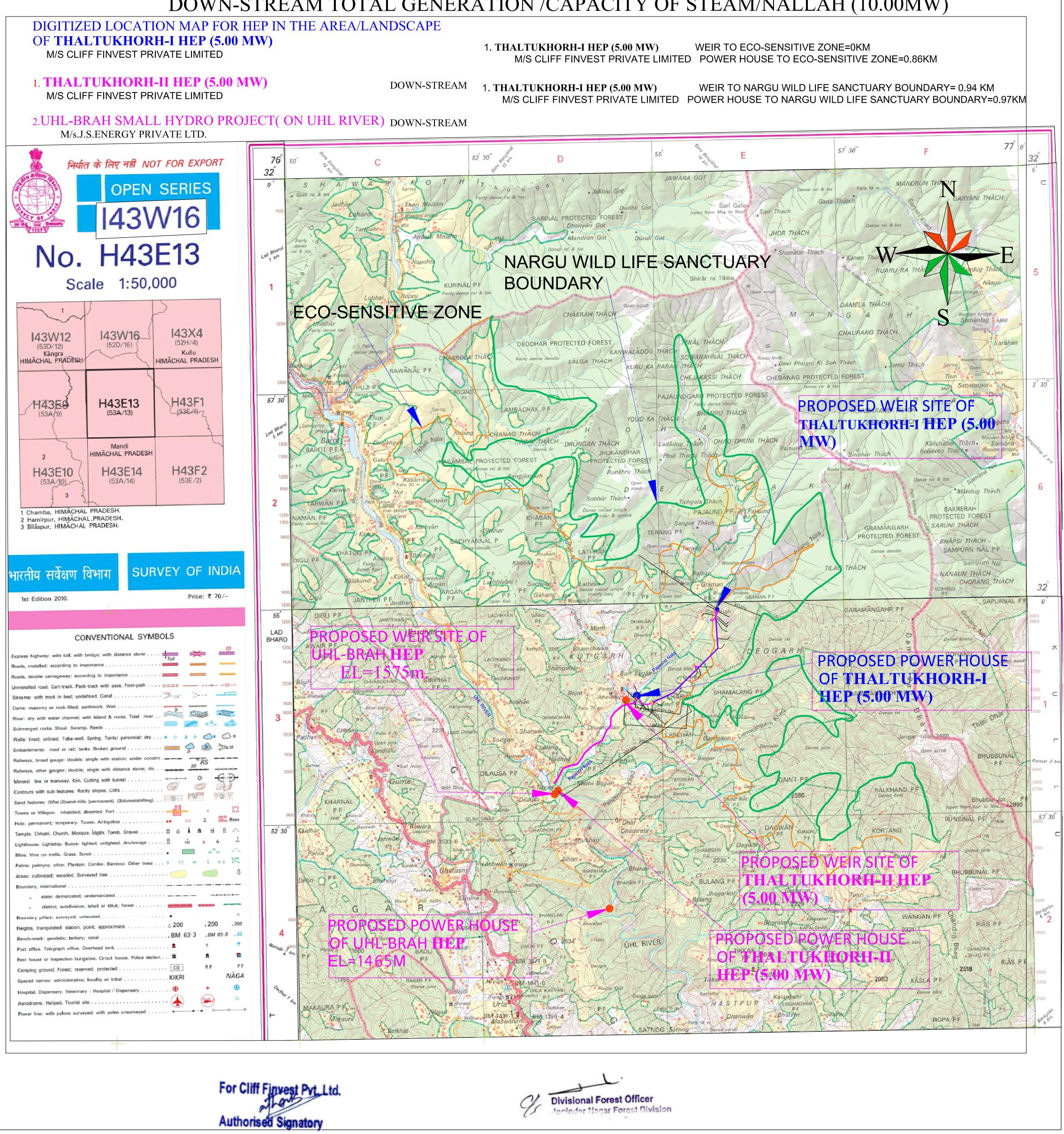


GEO-REFERENCE LOCATION ON SOI TOPOSHEET MAP SCALE 1:50,000 OF THALTUKHORH-I HEP (5.00 MW)

VILLAGE -THALTUKHORH, TEHIL-PADHAR DISTT.-MANDI (HIMACHAL PRADESH)

PAJAUND NALA EXISTING & PROPOSED ALLOTTED PROJECTS UP-STREAM & DOWN-STREAM TOTAL GENERATION /CAPACITY OF STEAM/NALLAH (10.00MW)



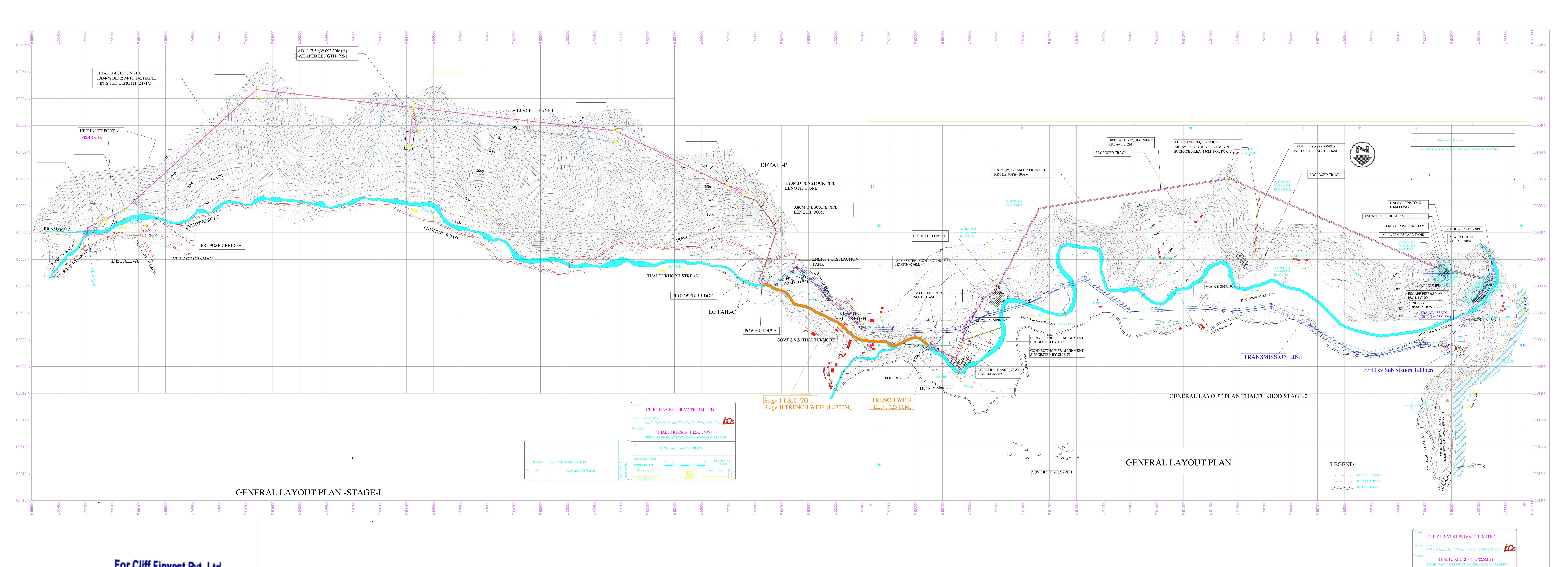
Announce A. IX

A list of approved /existing/ proposed project in the landscape showing evacuation /transmission plan, distance from nearest Pas and its ESZ alongwith their impacts.

Sr. No.	Approved Project	Existing Project	Proposed prosed	Distance of project from nearest PAs and its ESZ	Distance of transmission line from nearest PAs and its ESZ	Impaacts
1	Thaltuklhod Stage-II HEP	Thaltuklhod Stage- I HEP	Nil	3250 Mt.	3460 Mt.	Nil

For Cliff Finvest Pvt_Ltd.

Authorised Signatory



0 21.09.17 FOR DETAILED PROJECT REPORT

Annexuse A-I

Full Title of the project: Diversion of 4.9069 Forest Land in favour of Cliff finvest Pvt. Ltd. for the constrction of Thaltukhod Stage- 1 HEP (5.00 MW) with in the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

File No.

FP/HP/HYD/ 25572/2017

CHECK LIST SERIAL NUMBER: 16

Location Map

Location Map of Non-Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of the proposal for diversion of 4.9069 hact. of forest land for the c/o Thaltukhod Stage-1 HEP (5.00 MW) falls under jurisdiction of Joginder Nagar, Distt. Mandi, HP.

Village: DPF Bhumchyan

Tehsil: Padhar.

District: Mandi

renom radital.

Forest Range: Tikkan.

Forest Division: Joginder Nagar.

Block NO./Compartment No./Survey No. H43E13.

Area: 10.00 hact. (Single Patch)

Map attached of the areas to be taken for Compensatory Afforestation

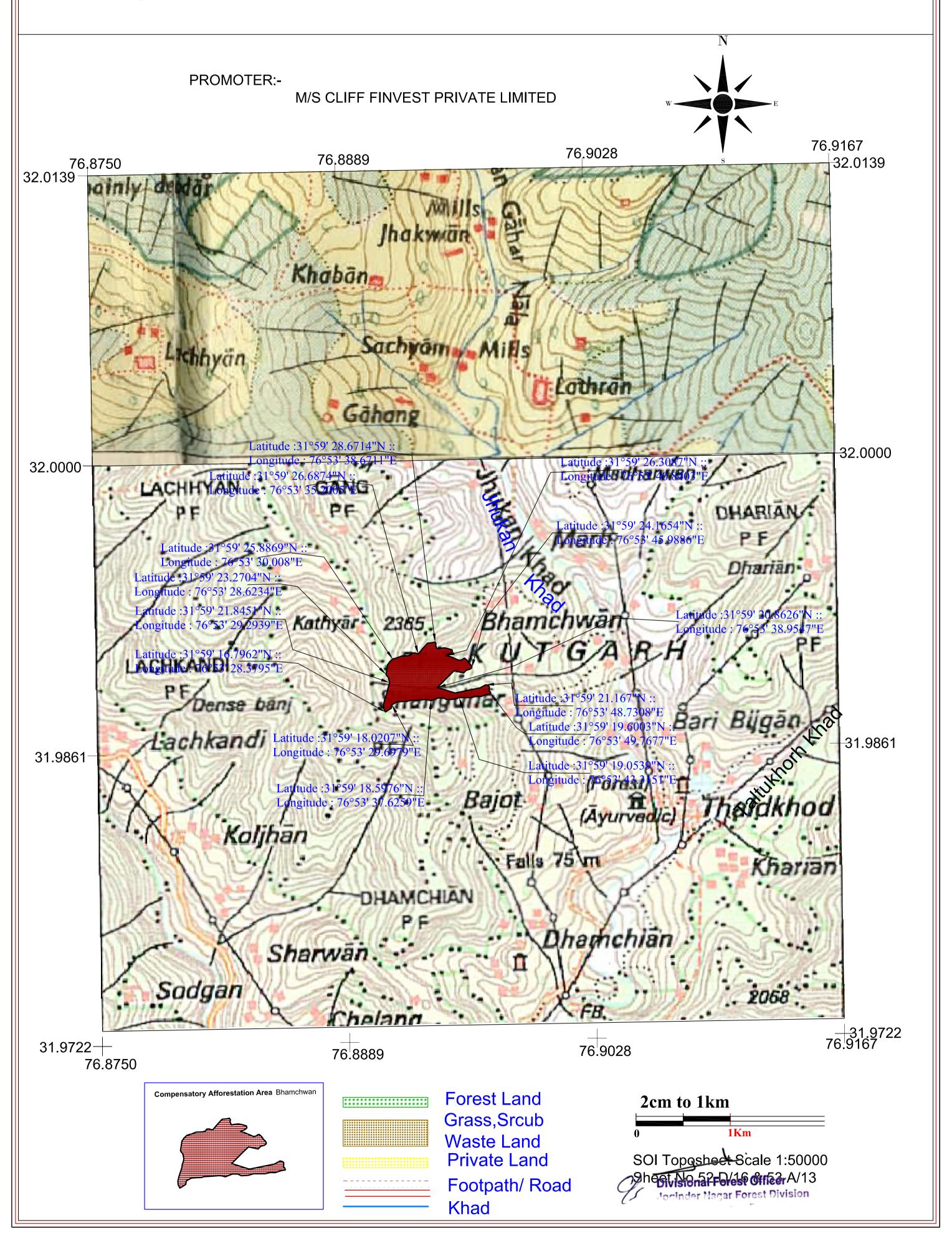
Place: Joginder Nagar.

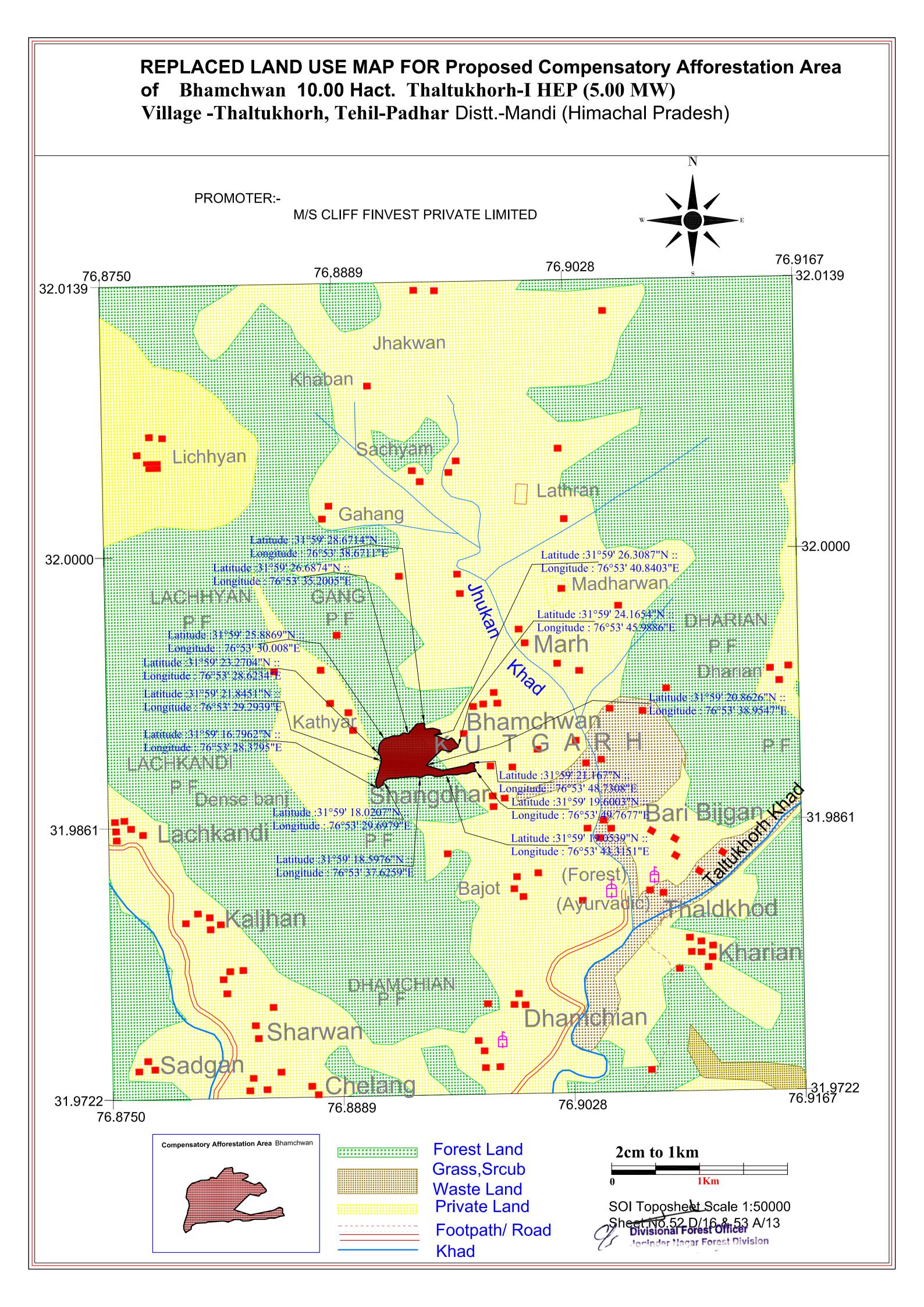
Date: 17-11-2022

Divisional Forest Officer
Forest Division
Forest Division
Loginder Nagar,

REPLACED DIGITAL MAP For Proposed Compensatory Afforestation Area of Bhamchwan 10.00 Hact. Thaltukhorh-I HEP (5.00 MW)

Village - Thaltukhorh, Tehil-Padhar Distt.-Mandi (Himachal Pradesh)





Full Title of the project: Diversion of 4.9069 Forest Land in favour of Cliff finvest Pvt. Ltd. for the constrction of Thaltukhod Stage- 1 HEP (5.00 MW) with in the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

File No.

FP/HP/HYD/ 25572/2017

"LAND SUITABILITY CERTIFICATE BY THE DFO CONCERNED"

This is to certify that 10.00 ha. land bearing Survey No H43E13, DPF Bhumchayan, Forest Beat Tikkan, Forest Block Tikkan, Forest Range Tikkan, Tehsil Padhar, District Mandi HP is identified for Compensatory Afforestation is suitable for undertaking plantation from the management point of view and is free from all sorts of encumbrances and encroachments.

Place: . Tukla

Dated: 17/11/22

Range Forests Officer, er Forest Range, Tikkan, Office Seal

Divisional Forests Officer, Forest Division Floginder Nagar Joginder Nagar (H.P.) Full title of Project: Diversion of 4.9069 na. Forest Land in favour of M/s Ciiπ Finvest Pvt. Ltd. for the construction of Thaltukhod stage-I HEP (5.00 MW), with in the jurisdiction of Joginder Nagar Forest Division, Distt. Mandi, HP.

File No.

FP/HP/HYD/25572/2017.

SCHEME FOR COMPENSATORY AFFORESTATION

Detailed scheme for 10.00 hect. Compensatory Afforestation and its maintenance for 10 year to be carried out in lieu of 4.9069 ha, of forest area to be diverted in favour of M/s Cliff Finvest Pvt. Ltd. for the construction of Thaltukhod stage-I 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 Bhumchayan

Tehsil: Joginder Nagar. Distt. Mandi

Name of Forest Division: Joginder Nagar. Range: Tikkan,

Block/ Compartment/ Survey No. H43E13

Area to be afforested: 10.00 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 CAMPA/ 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 Joginder Nagar Forest Division Joginder Nagar (H.P.)

Const - 1/2

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	10.00 Hect	102725/-	10,27,250/-
Ist Year	-do-	10600/-	1,06,000/-
2 nd Year	-do-	7100/-	71,000/-
3 rd Year	-do-	3700/-	37,000/-
4 th Year	-do-	3700/-	37,000/-
5 th Year	-do-	3700/-	37,000/-
6 th Year	-do-	3700/-	37,000/-
7 th Year	-do-	3700/-	37,000/-
8 th Year	-do-	3700/-	37,000/-
9 th Year	-do-	3700/-	37,000/-
10 th Year	-do-	3700/-	37,000/-
Total A(i)			15,00,250/-
(A-ii) Ist Year Maintenance of Cost of Plants= 3300 Nos. (i.e 30% of total number planted in planting year)	6.69		22,077/-
IInd year maintenance of cost of plants = 2200 No. (i.e 20% of total number planted in planting year)	6.69		14,718/-
IIIrd year maintenance of cost of plants = 1100 No. (i.e 10% of total number planted in planting year)	3.35		3,685/-
Total A-ii			40,480/-
Total-A	4		15,40,730/-
B(i) Soil conservation works.	10.00	30000/-	3,00,000/-
B (ii) Lantana eradication	10.00	22000/-	2,20,000/-
Total -B			5,20,000/-
Total A+B			20,60,730/-
Contingency @ 5%			1,03,037/-
Total	5-96		21,63,767/-
Department charges @ 17.5%			3,78,659/-
	•	25,42,426/-	
		20,42,426/-	

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

Conts-1/3

6. 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 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.)