F. No. 7-25/ 2012-FC
Government of India
Ministry of Environment and Forests
(FC Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi - 110 510
Dated: 5th May, 2014

To

The Principal Secretary (Forests),
All State / Union Territory Governments

Sub: Guidelines for diversion of forest land for non-forest purposes under the Forest (Conservation) Act, 1980- Guidelines for laying transmission lines through forest areas - *reg*.

Sir,

I am directed to say that the Hon'ble National Green Tribunal in their Order dated 7th March 2012 in the Appeal No. 10 of 2012 in the matter of Janajagarithi Samiti (Regd.) versus Union of India and Others directed this Ministry to take steps and notify the detailed fresh guidelines for laying transmission lines through forest area, incorporating necessary changes to mitigate the difficulties which arise during granting forest clearance.

Accordingly, this Ministry in consultation with the Central Electricity Authority formulated revised guidelines for laying transmission lines through forest areas. **A copy of the same is enclosed.**

Yours faithfully,

(H.C. Chaudhary)
Assistant Inspector General of Forests

Encl.: As above.

Copy along with a copy of the said guidelines to:-

1. Prime Minister's Office (***Kind attn.***: Shri Santosh D. Vaidya, Director).
2. Secretary, Ministry of Power, Government of India, Shram Shakti Bhawan, New Delhi.
3. Principal Chief Conservator of Forests, all State/UT Governments.
4. Nodal Officer, the Forest (Conservation) Act, 1980, all State/UT Governments.
5. All Regional Offices, Ministry of Environment & Forests (MoEF), Government of India (GoI).
6. Joint Secretary in-charge, Impact Assessment Division, MoEF, GoI
7. All Assistant Inspector General of Forests/ Director in the Forest Conservation Division, MoEF, GoI.

8. Director R.O. (HQ), MoEF, GoI.
9. Sr. Director (Technical), National Informatics Centre (NIC), MoEF with a request to place a copy of the letter on website of this Ministry.
10. Sr. PPS to the Secretary, Environment and Forests.
11. Sr. PPS to the Director General of Forests & Special Secretary, MoEF.
12. Sr. PPS to the Addl. Director General of Forests (Forest Conservation), MoEF.
13. PS to the Inspector General of Forests (Forest Conservation), MoEF.
14. Guard File.

(H.C. Chaudhary)
Assistant Inspector General of Forests

GUIDELINES FOR LAYING TRANSMISSION LINES THROUGH FOREST AREAS

1. Where routing of transmission lines through the forest areas cannot be avoided, these should be aligned in such a way that it involves the least amount of tree cutting

2. As far as possible, the route alignment through forest areas should not have any line deviation.

3. (i) The width of right of way for the transmission lines on forest land shall be as follows:

Transmission Voltage	Width of Right of Way (Meter)
11kV	7
33 kV	15
66 kV	18
110 kV	22
132 kV	27
220 kV	35
400 kV S/C	46
400 kV D/C	46
+/- 500 kV HVDC	52
765 kV S/C (with delta configuration)	64
765 kV D/C	67
+/- 800 kV HVDC	69
1200 kV	89

(ii) In forest areas, only vertical delta configuration of 400 kV S/C and delta configuration of 765 kV S/C shall be permitted.

4. (i) Below each conductor or conductor bundle, following width clearance would be permitted for stringing purpose:

Transmission line with conductor bundle	Width clearance below each conductor or conductor bundle (meter)
Upto 400kV twin bundle	3

400 kV triple bundle	5
400 kV /+/- 500 kV HVDC /765 kV Quadruple bundle	7
+/- 800 kV HVDC / 765 kV hexagonal bundle	10

(ii) The trees on such strips would have to be felled but after stringing work is completed, natural regeneration will be allowed to come up. Felling/ pollarding/ pruning of trees will be done with the permission of the local forest officer wherever necessary to maintain the electrical clearance. One outer strip shall be left clear to permit maintenance of the transmission line.

(iii) During construction of transmission line, pollarding/ pruning of trees located outside the above width of the strips, whose branches/ parts infringe with conductor stringing, shall be permitted to the extent necessary, as may be decided by local forest officer.

(iv) Pruning of trees for taking construction/stringing equipments through existing approach/access routes in forest areas shall also be permitted to the extent necessary, as may be decided by local forest officer. Construction of new approach/access route will however, require prior approval under the Act..

(v) In the remaining width of right of way trees will be felled or lopped to the extent required, for preventing electrical hazards by maintaining the following:

Transmission Voltage	Minimum clearance between conductor and trees (Meters)
11 kV	2.6
33 kV	2.8
66 kV	3.4
110 kV	3.7
132 kV	4.0
220 kV	4.6
400 kV	5.5
+/- 500 kV HVDC	7.4
765 kV	9.0
+/- 800 kV HVDC	10.6
1200 kV	13.0

(vi) The maximum sag and swing of the conductors are to be kept in view while

working out the minimum clearance mentioned as above.

(vii) To avoid any hazard, felling/cutting/pruning of those trees which because of their height /location may fall on conductors shall also be permitted, as may be decided by local forest office.

(viii) In the case of transmission lines to be constructed in hilly areas, where adequate clearance is already available, trees will not be cut except those minimum required to be cut for stringing of conductors.

(ix) In case of transmission lines passing through National Parks, Wildlife Sanctuaries and Wildlife Corridors, insulated conductors shall only be used to prevent electrocution of animals.

5. Where the forest growth consists of coconut groves or similar tall trees, widths of right of way greater than those indicated at Sl. No.3 may be permitted in consultation with CEA.

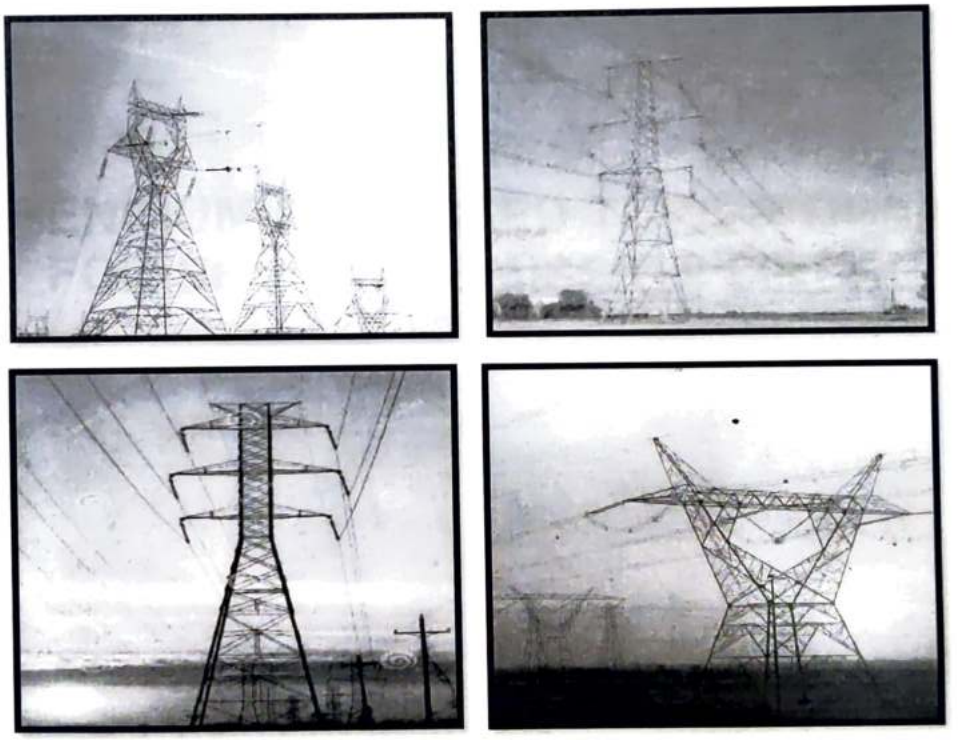
*****

Annex-A-2

सत्यमेव जयते

एक्स्ट्रा हाई वोल्टेज पारेषण लाइनों के परीक्षित टॉवर डिज़ाइनों का संग्रह

COMPENDIUM OF TESTED TOWER DESIGNS FOR EHV TRANSMISSION LINES



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

नई दिल्ली

New Delhi

मार्च – 2018

March - 2018

एक्स्ट्रा हाई वोल्टेज पारेषण लाइनों के परीक्षित टॉवर डिज़ाइनों का संग्रह

COMPENDIUM OF TESTED TOWER DESIGNS FOR EHV TRANSMISSION LINES

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
नई दिल्ली
New Delhi

मार्च - 2018
March - 2018

सत्यमेव जयते

प्रकाश मस्के
सदस्य (विद्युत प्रणाली)
एवं भारत सरकार के पदेन अपर सचिव
केंद्रीय विद्युत प्राधिकरण

प्रस्तावना

सभी पावर यूटिलिटिज के उपयोग के लिए 66 केवी और अधिक वोल्टेज के टॉवरों के परीक्षित टॉवरों का संग्रह लाना मेरे लिए एक अत्यन्त प्रसन्नता की अनुभूति है । विभिन्न वोल्टेज लेवल, कॉन्फ़िगरेशन, विंड जोन के टॉवरों के लिए डिजाइन का संकलन अथक प्रयास द्वारा ही संपूर्ण हुआ जो पारेषण लाइनों के निर्माण के समय और लागत के रूप में परिलक्षित होगा ।

इस टॉवर डिजाइन के संग्रह में टॉवर डिजाइन, फाउंडेशन डिजाइन और 66 केवी, 132 केवी, 220 केवी, 400 केवी, 765 केवी, 1200 केवी और एचवीडीसी पारेषण लाइनों के लिए परीक्षित टॉवरों के विवरण के अध्याय सम्मिलित किए गए हैं । पावर यूटिलिटिज के आसान संदर्भ के लिए टॉवर डिजाइन के विभिन्न पैरामीटर्स एवं बेसिक डिजाइन सिद्धांत भी संग्रह में समाहित किए गए हैं । मुझे पूर्ण विश्वास है कि यूटिलिटिज को इन परीक्षित टॉवरों के संकलन की सहायता से समान पारेषण लाइन टावरों के डिजाइन एवं परीक्षण की पुनरावृत्ति की आवश्यकता नहीं रहेगी तथा इससे बहुमूल्य समय और धन की भी बचत होगी।

(प्रकाश मस्के)

सत्यमेव जयते

Ravindra Kumar Verma
Chairperson
& Ex-officio Secretary to
Government of India
Central Electricity Authority

MESSAGE

Transmission lines are the backbone of transmission system of any Country which allow transmission of large chunk of power from one part of the Country to the other part. Transmission tower is the most important component of any transmission line which supports the conductor and is subjected to various static & dynamic forces. The tower has to be designed to withstand not only all kind of forces but also different environmental conditions. Most of the times Utilities face problem in designing towers for various conductor configurations, voltage levels, wind zones, altitude etc. These towers have to be tested for suitability of design as per relevant Standards which is a time consuming job.

Keeping this in mind it was decided in the Power Minister's Conference that a compendium of approved tower design for EHV transmission lines be prepared which will help utilities to select towers as per their requirement rather than designing new towers each time and getting it tested which is both time consuming & costly affair.

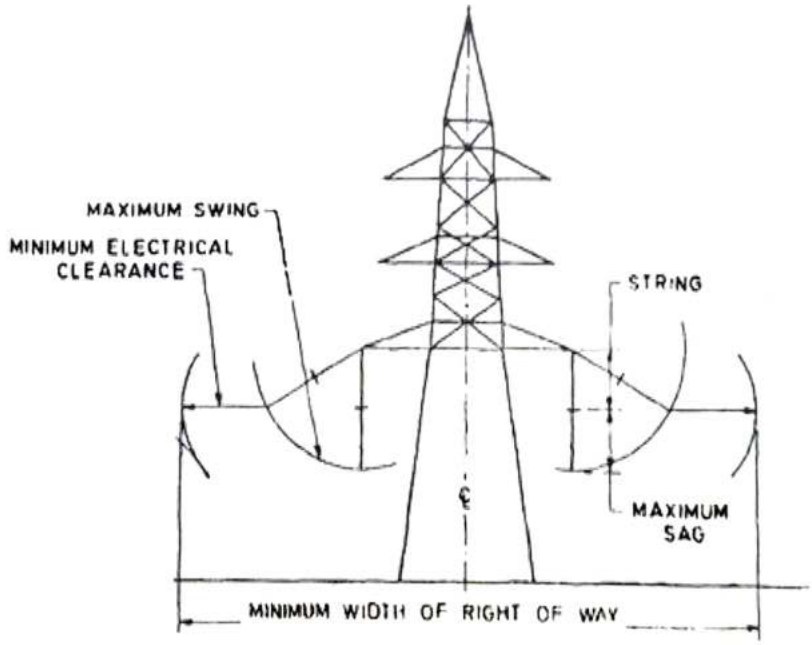
I am pleased to present the **"Compendium of Tested Tower Designs for EHV Transmission Lines".** This compendium includes tested towers design for transmission lines of 66 kV, 132 kV and 220 kV voltage class, as per IS 802 :2015 and 400 kV, 765 kV, 1200 kV, ±500 kV DC and ±800 kV DC towers, as per IS 802:1995.

I thank all the Officers of CEA and PGCIL who have been involved in preparation of this compendium. I hope this document would benefit all the utilities in inspiring them to adopt these tested tower designs thereby saving both time and cost which could be utilised for other improvements in the transmission system.

220 kV	8.5 m
400 kV	9.0 m
765 kV	9.0 m

1.11 RIGHT OF WAY:

Before commencing any work on chosen route for laying of transmission line, it is necessary to ascertain availability of Right of Way. Obtaining required right of way is major hurdle in today's time in timely construction of the lines. Issues of land compensation, forest clearances and wild life clearances are also major problems. Figure given below, which is self-explanatory, explains the way to calculate Right of way.



Right of way corridor required for different voltage class transmission lines is given below.

Voltage level	Corridor Requirement (Meters)
66 kV	18 m
110 kV	22 m
132 kV	27 m

220 kV	35 m
400 kV Single Ckt. (Horizontal Configuration)	52 m
400 kV Double Ckt./400 kV S/C (Vertical Configuration)	46 m
765 kV Single Ckt. (Horizontal Configuration)	85 m
765 kV Single Ckt. (Delta / Vertical Configuration)	64 m
765 kV Double Ckt.	67 m
1200 kV	89 m
± 500 kV HVDC	52 m
± 800 kV HVDC	69 m

1.12 GALVANISING

All tower members and stubs shall be fully galvanised. Galvanising of the member of the towers, stubs and fasteners should conform to IS:2629, IS: 4759 and IS:5358 respectively. All galvanised members should withstand tests as per IS:2633-1992. The Galvanising is done after all fabrication work is completed, except that the nuts may be tapped or re-run after galvanising. Threads of bolts and nuts should have a neat fit and be such that they can be turned with finger throughout the length of the threads of bolts and they are capable of developing full strength of the bolts. Spring washers are electro-galvanised as per Grade 4 of IS :1573.

The finished materials are dipped into the solution of dichromate after galvanising or treated with approved inhibitor (for protection against white rust formation during sea transportation.

Galvanization Thickness:

(A) Normal Environment:			
S. No.	Description of Item:	Minimum value or average mass of Zinc coating (g/m^2)	Thickness (microns)
1.	Fabricated tower parts and stubs:		
	(a) 5 mm thick and over	610	86
	(b) Under 5 mm., but not less than 2 mm	460	65

Annx-B

No - 560/Bh
Dt. Forest Department
Dated Bh. 18.09.2020

From:- RFO Bhajji. To:- DFO Shimla.

Subject:- Enumeration list of Trees coming in the Proposed (U/G Nadukhar) for C/O 220/66 kV. Sub-station Nadukhar-Basantpur.

Memo

Kindly enclosed find herewith the enumeration list of trees coming in the proposed (U/G Nadukhar) for C/O 220/66 kV. Sub-station Nadukhar-Basantpur is assigned. Submitted to your office for favour of information and necessary action please.

Encl:- as above.

Range Forest Officer
Bhajji Forest Range
Bhajji

Enumeration list of trees comming in the proposed (U-44 Nadukhar) land
for c/o 220/66 KV Sub-Station Nadukhar - Basantpur

SNo	Spp	Dia	Class	Kh. No	Remarks
1.	Shamble	40-41	II A	467/1	Green
2.	Kakar	20-21	IV	-do-	Green

Sapling

Daru = 1590
Kainth = 54
Baloza = 6

1650 Nos

ABSTRACT

SNo	Spp	V	IV	III	II A	II B	I A	Total
1.	Shamble	-	-	-	1 / 1.241 m³	-	-	1.241 m³
2.	Kakar	-	1 / 0.308 m³	-	-	-	-	0.308 m³

Total = 2 Nos = 1.549 m³

Assistant Engineer, (ES)
P&M, Sub-Division, HPSEB Ltd.,
Totu, Shimla-171011

P.K. Khatnal

ICBF Dhar Beat

BOSr.

Range Forest Officer
Bhajji Forest Range
Suni

Annx-C

No./ 5642
Himachal Pradesh Forest Department

Dated Shimla-2/ 26/10/21

From: DFO Shimla. To: R.O Bhajji (By Name).

Subject: Diversion of 02-8975 ha. forest land for the construction of 220/66 KV S/ Stn at Nadukhar (Basantpur, in the jurisdiction of Shimla Forest Division.

Memo,

This is in continuation to this office endst. No. 4219 dated 13.09.2021 on the subject cited above.

2. The enumeration list requested vide above quoted reference is awaited from you. You are requested to prepare the enumeration list of trees/ saplings to be required to be cut or retained after proper demarcation in the presence of user agency.

Divisional Forest Officer,
Shimla Forest Division,
Shimla-2.

Endst.No. 5643 Dated 26/10/21

Copy is forwarded to Sr. Executive Engineer, Electrical System Division, HPSEB Ltd, Tehsil & District Shimla w.r.t his office letter No. 2438 dated 11.10.2021 for information and necessary action please.

Divisional Forest Officer,
Shimla Forest Division,
Shimla-2

26.X.2021

F 3.

No 1/76/BG /

H P Forest Deptt

Dated 3/11/21 /

To:- DFO Shimla

From RO Bhajji

Subject Diversion of 02-8975 hac forest land for the construction of 220/66kv Sub- Station at Nadukhar in Basantpur

Memo

Kindly refer to your office memo no -5642 dated -26.10.2021 on the subject cited above.

In this regard it is submitted that the spot was inspected jointly along with Staff of Electrical System Division Shimla on 3.11.2021. It is stated that 1650 saplings and 2 trees of B/leaved have already been enumerated on above mentioned forest land during the year 2020 for proposed c/o 220/66kv Sub- station at U-44 Nadukhar. Now the staff of Electricity System Division Tutu has stated on spot that trees/ saplings will be felled only on the place where three towers and structure of Sub -Station will be constructed and on that place the trees /sapling are again enumerated which are now 822 saplings out of 1650 . The list of saplings is enclosed. Therefore out of 1650 Saplings and two trees, 822 saplings will be felled and 828 saplings and two trees will be retained on spot on above proposed forest land in u-44 Nadukhar. Therefore submitted for f/o information and further n/action please.

Enclosed :- As above.

Range Forest Officer,
Bhajji Forest Range,
Bhajji

PROFORMA FOR ENUMERATION OF TREES coming in proposed land for C/o 220/66 KV Sub- Station Nadukhar – Basantpur in Basantpur BEAT SUNI FOREST BLOCK BHAJJI FOREST RANGE.

Sr no	Name of Land	Spp Names Local name	Botanical Names	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	More Than 90	Total Trees	Vol.
1	U-44 Nadukhar	Daru	Punica granatum	Sapling = 761 nos											
		Kainth	Pyrius pashia	Sapling= 56 nos											
		Baloja		Sapling =5											

Total sapling Daru =761 nos

Sapling Kainth =56 nos

Sapling Baloja =5

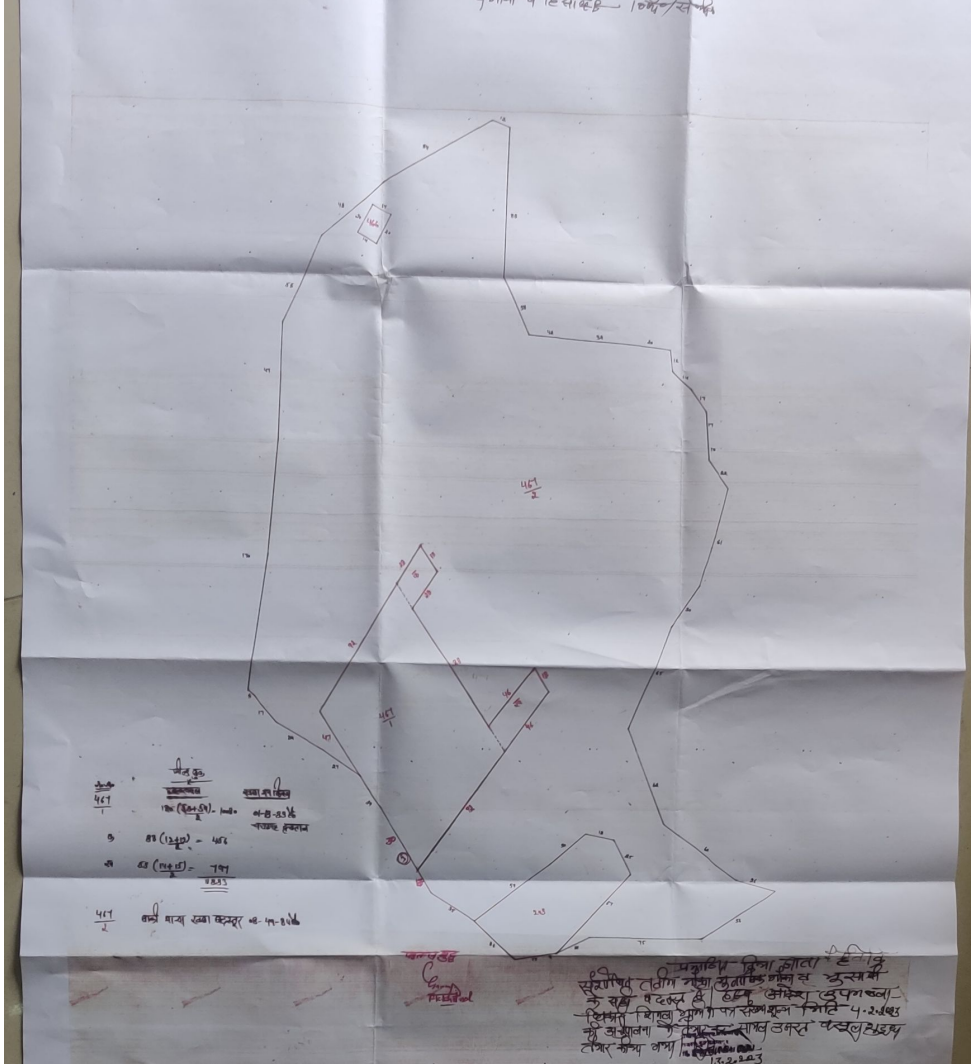
Total Sapling =822 nos

Note: - As per spot inspection carried out on **3.11.2011** jointly with staff of Electrical System Division Shimla the trees /Sapling as mentioned above are enumerated on spot. As per spot inspection only 822 above mentioned saplings are required to be felled out of 1650 sapling and 2 trees (enumerated earlier) in U-44 Nadukhar and 828 Sapling and 2 trees will be retained. These saplings will be felled for proposed installation of three towers and proposed one Sub- Station in u- 44 Nadukhar.

ABSTRACT

Already Enumerated		Required to be felled		To be retained	
Sap	Trees	Sap	Trees	Sap	Trees
1650	2 No	822	Nil	828	2 No

Range Forest Officer,
Bhajji Forest Range.
Bhajji



Annexure

Site inspection report regarding re-classification of tree/sapling (Felling/Non-felling) in the proposed 220/66kV Sub-Station Nadukhar Dist. Shimla (H.P.)

Consequent to observation raised by Regional Office, Shimla vide letter no.FC/HPB/012/75/2022 dated.09.08.2022 with subsequent request made by Sr. Executive Engineer, Electrical System Division, HPSEBL, Shimla regarding classification and numbering of trees/saplings in the land proposed for construction of 220/66kV Sub-Station Nadukhar. As area proposed for construction of 220/66kV Sub-Station Nadukhar has been reduced, a site inspection of finalized land was conducted by officials of Forest Dept. & HPSEBL on 20.02.2023. During the site visit, the location proposed for construction of 220/66kV Sub-Station Nadukhar was visited to re-classify the saplings (Felling/Non-Felling) in accordance with the request submitted by user agency. It was observed that overall 580 No. saplings of various categories are proposed to be felled in the revised proposal at sub-station and tower sites whereas 111 No. saplings which lie in the Right of Way of initial towers of 66kV outgoing lines shall not be felled and retained. No trees have been proposed for felling in the proposal. The enumeration list of saplings/trees as per user agency's request is also enclosed with the report.

Fgd
I/c B/Bar Beat

Block Forest Officer
Seri

JE (F)

ANNEX-D

No. 7761BL /
HP Forest Department,

Dated 28/2/23 /

From:- Range Forest Officer,
Bhajji.

To:- Sr, Executive Engineer,
Electrical System Division,
HPSEBL, Totu-Shimla-11.

Subject:- Diversion of 2.8975 ha land for construction of 220/66 Kv, 2x31.5 MVA GIS sub-station at Nadukhar- Regarding observations raised by Regional Office, Shimla and providing revised enumeration of trees with serial number thereof.

Sir,

Kindly refer to your office letter No. 8246-49 dated 01.02.2023 on the subject cited above.

The revised enumeration list of trees is sent herewith for your kind information please.

Enclosures as above.

O/o the Addl. SE (ES) HPSEBL Division
Dy. No. 2767
Dated 01-03-2023
HPSEBL Totu, Shimla

Range Forest Officer,
Bhajji Forest Range,
Bhajji.

Revised Enumeration list of trees coming in proposed land for C/o 220/66 KV sub-Station Nadukhar- Basantpur (U-44 Nadukhar) Basantpur Beat Suni Forest Block Bhajji Forest Range.

(To be felled.)

S.No	Name of Species	Dia	Class	S.No	Name of Species	Dia	Class
1	Daru	3-4	Sapling	41	Daru	4-5	Sapling
2	Daru	2-3	Sapling	42	Daru	3-4	Sapling
3	Daru	4-5	Sapling	43	Daru	5-6	Sapling
4	Daru	3-4	Sapling	44	Daru	3-4	Sapling
5	Daru	5-6	Sapling	45	Daru	4-5	Sapling
6	Baloza	4-5	Sapling	46	Daru	4-5	Sapling
7	Daru	4-5	Sapling	47	Daru	2-3	Sapling
8	Daru	3-4	Sapling	48	Daru	3-4	Sapling
9	Daru	3-4	Sapling	49	Daru	3-4	Sapling
10	Daru	4-5	Sapling	50	Daru	4-5	Sapling
11	Daru	3-4	Sapling	51	Daru	3-4	Sapling
12	Daru	2-3	Sapling	52	Daru	5-6	Sapling
13	Daru	4-5	Sapling	53	Daru	4-5	Sapling
14	Daru	3-4	Sapling	54	Daru	4-5	Sapling
15	Daru	3-4	Sapling	55	Daru	3-4	Sapling
16	Daru	4-5	Sapling	56	Daru	2-3	Sapling
17	Daru	4-5	Sapling	57	Daru	3-4	Sapling
18	Daru	2-3	Sapling	58	Baloza	4-5	Sapling
19	Daru	3-4	Sapling	59	Baloza	5-6	Sapling
20	Daru	4-5	Sapling	60	Baloza	4-5	Sapling
21	Daru	4-5	Sapling	61	Daru	4-5	Sapling
22	Daru	3-4	Sapling	62	Daru	3-4	Sapling
23	Daru	5-6	Sapling	63	Daru	4-5	Sapling
24	Daru	3-4	Sapling	64	Daru	4-5	Sapling
25	Daru	5-6	Sapling	65	Daru	2-3	Sapling
26	Daru	4-5	Sapling	66	Daru	3-4	Sapling
27	Daru	4-5	Sapling	67	Daru	3-4	Sapling
28	Daru	5-6	Sapling	68	Daru	5-6	Sapling
29	Daru	2-3	Sapling	69	Bloza	4-5	Sapling
30	Daru	3-4	Sapling	70	Bloza	4-5	Sapling
31	Daru	4-5	Sapling	71	Daru	5-6	Sapling
32	Daru	4-5	Sapling	72	Daru	3-4	Sapling
33	Daru	5-6	Sapling	73	Daru	4-5	Sapling
34	Daru	2-3	Sapling	74	Daru	3-4	Sapling
35	Daru	4-5	Sapling	75	Daru	5-6	Sapling
36	Daru	4-5	Sapling	76	Daru	4-5	Sapling
37	Daru	3-4	Sapling	77	Daru	3-4	Sapling
38	Daru	5-6	Sapling	78	Daru	4-5	Sapling
39	Daru	3-4	Sapling	79	Daru	2-3	Sapling
40	Daru	3-4	Sapling	80	Daru	4-5	Sapling

Pujari
Ik Block Beat

BO Suni

(To be felled)

81	Baloza	4-5	Sapling	127	Daru	3-4	Sapling
82	Baloza	5-6	Sapling	128	Daru	4-5	Sapling
83	Daru	2-3	Sapling	129	Daru	3-4	Sapling
84	Daru	3-4	Sapling	130	Daru	4-5	Sapling
85	Daru	3-4	Sapling	131	Daru	3-4	Sapling
86	Daru	2-3	Sapling	132	Daru	2-3	Sapling
87	Daru	2-3	Sapling	133	Daru	5-6	Sapling
88	Daru	3-4	Sapling	134	Daru	4-5	Sapling
89	Daru	2-3	Sapling	135	Daru	3-4	Sapling
90	Daru	3-4	Sapling	136	Daru	2-3	Sapling
91	Daru	4-5	Sapling	137	Daru	3-4	Sapling
92	Daru	3-4	Sapling	138	Daru	3-4	Sapling
93	Daru	2-3	Sapling	139	Daru	4-5	Sapling
94	Daru	4-5	Sapling	140	Daru	3-4	Sapling
95	Daru	3-4	Sapling	141	Daru	5-6	Sapling
96	Daru	3-4	Sapling	142	Daru	3-4	Sapling
97	Daru	4-5	Sapling	143	Daru	2-3	Sapling
98	Daru	4-5	Sapling	144	Daru	3-4	Sapling
99	Daru	2-3	Sapling	145	Daru	3-4	Sapling
100	Baloza	3-4	Sapling	146	Daru	4-5	Sapling
101	Daru	3-4	Sapling	147	Daru	2-3	Sapling
102	Daru	2-3	Sapling	148	Daru	3-4	Sapling
103	Daru	4-5	Sapling	149	Daru	4-5	Sapling
104	Daru	3-4	Sapling	150	Daru	3-4	Sapling
105	Daru	2-3	Sapling	151	Daru	3-4	Sapling
106	Baloza	4-5	Sapling	152	Daru	4-5	Sapling
107	Daru	3-4	Sapling	153	Daru	2-3	Sapling
108	Daru	3-4	Sapling	154	Daru	4-5	Sapling
109	Daru	2-3	Sapling	155	Daru	3-4	Sapling
110	Daru	4-5	Sapling	156	Daru	2-3	Sapling
111	Daru	3-4	Sapling	157	Daru	3-4	Sapling
112	Daru	2-3	Sapling	158	Daru	4-5	Sapling
113	Daru	3-4	Sapling	159	Daru	3-4	Sapling
114	Daru	3-4	Sapling	160	Daru	4-5	Sapling
115	Daru	4-5	Sapling	161	Daru	2-3	Sapling
116	Daru	2-3	Sapling	162	Daru	3-4	Sapling
117	Daru	3-4	Sapling	163	Daru	4-5	Sapling
118	Daru	4-5	Sapling	164	Daru	3-4	Sapling
119	Daru	3-4	Sapling	165	Daru	4-5	Sapling
120	Daru	5-6	Sapling	166	Daru	3-4	Sapling
121	Daru	4-5	Sapling	167	Daru	2-3	Sapling
122	Daru	3-4	Sapling	168	Daru	4-5	Sapling
123	Daru	2-3	Sapling	169	Daru	4-5	Sapling
124	Daru	3-4	Sapling	170	Daru	3-4	Sapling
125	Daru	3-4	Sapling	171	Daru	2-3	Sapling
126	Daru	2-3	Sapling	172	Daru	4-5	Sapling

I/c Bajoa Beat

BO Sw

(To be felled.)

173	Daru	3-4	Sapling	218	Daru	3-4	Sapling
174	Daru	3-4	Sapling	219	Daru	4-5	Sapling
175	Daru	2-3	Sapling	220	Daru	3-4	Sapling
176	Daru	3-4	Sapling	221	Kainth	4-5	Sapling
177	Daru	4-5	Sapling	222	Daru	3-4	Sapling
178	Daru	5-6	Sapling	223	Daru	2-3	Sapling
179	Daru	3-4	Sapling	224	Daru	3-4	Sapling
180	Daru	2-3	Sapling	225	Daru	4-5	Sapling
181	Daru	3-4	Sapling	226	Kainth	3-4	Sapling
182	Daru	3-4	Sapling	227	Kainth	2-3	Sapling
183	Daru	2-3	Sapling	228	Daru	3-4	Sapling
184	Daru	3-4	Sapling	229	Daru	4-5	Sapling
185	Daru	4-5	Sapling	230	Kainth	4-5	Sapling
186	Daru	3-4	Sapling	231	Daru	3-4	Sapling
187	Daru	3-4	Sapling	232	Daru	2-3	Sapling
188	Daru	2-3	Sapling	233	Daru	3-4	Sapling
189	Daru	3-4	Sapling	234	Daru	3-4	Sapling
190	Daru	4-5	Sapling	235	Daru	4-5	Sapling
191	Daru	3-4	Sapling	236	Daru	2-3	Sapling
192	Daru	3-4	Sapling	237	Daru	4-5	Sapling
193	Daru	2-3	Sapling	238	Daru	3-4	Sapling
194	Kainth	3-4	Sapling	239	Daru	3-4	Sapling
195	Daru	3-4	Sapling	240	Daru	2-3	Sapling
196	Daru	4-5	Sapling	241	Daru	3-4	Sapling
197	Daru	4-5	Sapling	242	Daru	4-5	Sapling
198	Daru	3-4	Sapling	243	Daru	4-5	Sapling
199	Daru	2-3	Sapling	244	Daru	3-4	Sapling
200	Daru	3-4	Sapling	245	Daru	2-3	Sapling
201	Daru	3-4	Sapling	246	Daru	2-3	Sapling
202	Daru	5-6	Sapling	247	Kainth	3-4	Sapling
203	Daru	4-5	Sapling	248	Kainth	3-4	Sapling
204	Daru	3-4	Sapling	249	Daru	4-5	Sapling
205	Kainth	4-5	Sapling	250	Daru	2-3	Sapling
206	Daru	3-4	Sapling	251	Daru	3-4	Sapling
207	Daru	3-4	Sapling	252	Daru	3-4	Sapling
208	Daru	4-5	Sapling	253	Daru	2-3	Sapling
209	Daru	2-3	Sapling	254	Daru	4-5	Sapling
210	Daru	3-4	Sapling	255	Daru	3-4	Sapling
211	Daru	4-5	Sapling	256	Daru	4-5	Sapling
212	Daru	3-4	Sapling	257	Daru	3-4	Sapling
213	Daru	2-3	Sapling	258	Daru	4-5	Sapling
214	Daru	3-4	Sapling	259	Daru	3-4	Sapling
215	Daru	3-4	Sapling	260	Daru	2-3	Sapling
216	Daru	4-5	Sapling	261	Daru	3-4	Sapling
217	Daru	3-4	Sapling	262	Daru	4-5	Sapling

[illegible] [illegible]

(To be felled.)

263	Daru	2-3	Sapling	309	Daru	3-4	Sapling
264	Daru	3-4	Sapling	310	Daru	4-5	Sapling
265	Daru	4-5	Sapling	311	Daru	3-4	Sapling
266	Daru	3-4	Sapling	312	Daru	4-5	Sapling
267	Daru	4-5	Sapling	313	Daru	3-4	Sapling
268	Daru	3-4	Sapling	314	Daru	2-3	Sapling
269	Daru	4-5	Sapling	315	Daru	4-5	Sapling
270	Daru	2-3	Sapling	316	Daru	3-4	Sapling
271	Daru	3-4	Sapling	317	Daru	4-5	Sapling
272	Daru	4-5	Sapling	318	Daru	3-4	Sapling
273	Kainth	3-4	Sapling	319	Daru	4-5	Sapling
274	Daru	3-4	Sapling	320	Daru	4-5	Sapling
275	Daru	2-3	Sapling	321	Daru	3-4	Sapling
276	Daru	3-4	Sapling	322	Daru	2-3	Sapling
277	Daru	4-5	Sapling	323	Daru	3-4	Sapling
278	Daru	3-4	Sapling	324	Daru	5-6	Sapling
279	Daru	3-4	Sapling	325	Daru	3-4	Sapling
280	Daru	2-3	Sapling	326	Daru	2-3	Sapling
281	Daru	3-4	Sapling	327	Daru	3-4	Sapling
282	Daru	4-5	Sapling	328	Daru	2-3	Sapling
283	Daru	3-4	Sapling	329	Daru	3-4	Sapling
284	Daru	2-3	Sapling	330	Daru	4-5	Sapling
285	Daru	5-6	Sapling	331	Daru	3-4	Sapling
286	Daru	3-4	Sapling	332	Daru	4-5	Sapling
287	Daru	3-4	Sapling	333	Daru	3-4	Sapling
288	Daru	4-5	Sapling	334	Daru	4-5	Sapling
289	Daru	3-4	Sapling	335	Daru	3-4	Sapling
290	Daru	2-3	Sapling	336	Daru	2-3	Sapling
291	Daru	3-4	Sapling	337	Daru	3-4	Sapling
292	Daru	4-5	Sapling	338	Daru	2-3	Sapling
293	Daru	3-4	Sapling	339	Daru	3-4	Sapling
294	Daru	2-3	Sapling	340	Daru	3-4	Sapling
295	Daru	3-4	Sapling	341	Daru	5-6	Sapling
296	Daru	4-5	Sapling	342	Daru	4-5	Sapling
297	Daru	4-5	Sapling	343	Daru	3-4	Sapling
298	Daru	3-4	Sapling	344	Daru	2-3	Sapling
299	Kainth	2-3	Sapling	345	Daru	3-4	Sapling
300	Daru	3-4	Sapling	346	Daru	4-5	Sapling
301	Daru	4-5	Sapling	347	Daru	3-4	Sapling
302	Daru	5-6	Sapling	348	Daru	4-5	Sapling
303	Daru	3-4	Sapling	349	Daru	2-3	Sapling
304	Daru	4-5	Sapling	350	Daru	3-4	Sapling
305	Daru	2-3	Sapling	351	Daru	3-4	Sapling
306	Daru	3-4	Sapling	352	Daru	2-3	Sapling
307	Daru	3-4	Sapling	353	Daru	4-5	Sapling
308	Daru	2-3	Sapling	354	Daru	3-4	Sapling

RFO Belpara Beat

BO&Gv

(To be felled.)

355	Daru	3-4	Sapling	401	Daru	4-5	Sapling
356	Daru	4-5	Sapling	402	Daru	3-4	Sapling
357	Daru	3-4	Sapling	403	Daru	3-4	Sapling
358	Daru	4-5	Sapling	404	Daru	2-3	Sapling
359	Daru	3-4	Sapling	405	Daru	4-5	Sapling
360	Daru	3-4	Sapling	406	Daru	3-4	Sapling
361	Daru	4-5	Sapling	407	Daru	4-5	Sapling
362	Daru	3-4	Sapling	408	Daru	3-4	Sapling
363	Daru	2-3	Sapling	409	Daru	4-5	Sapling
364	Daru	3-4	Sapling	410	Daru	3-4	Sapling
365	Daru	4-5	Sapling	411	Daru	4-5	Sapling
366	Daru	3-4	Sapling	412	Daru	3-4	Sapling
367	Daru	4-5	Sapling	413	Baloza	5-6	Sapling
368	Daru	2-3	Sapling	414	Daru	3-4	Sapling
369	Daru	3-4	Sapling	415	Daru	4-5	Sapling
370	Daru	4-5	Sapling	416	Daru	2-3	Sapling
371	Daru	3-4	Sapling	417	Daru	3-4	Sapling
372	Daru	2-3	Sapling	418	Daru	3-4	Sapling
373	Daru	3-4	Sapling	419	Daru	2-3	Sapling
374	Daru	4-5	Sapling	420	Daru	3-4	Sapling
375	Daru	3-4	Sapling	421	Daru	3-4	Sapling
376	Daru	4-5	Sapling	422	Daru	3-4	Sapling
377	Daru	4-5	Sapling	423	Daru	4-5	Sapling
378	Daru	3-4	Sapling	424	Daru	2-3	Sapling
379	Daru	2-3	Sapling	425	Daru	3-4	Sapling
380	Daru	4-5	Sapling	426	Daru	4-5	Sapling
381	Daru	3-4	Sapling	427	Daru	3-4	Sapling
382	Daru	2-3	Sapling	428	Daru	4-5	Sapling
383	Daru	4-5	Sapling	429	Daru	3-4	Sapling
384	Daru	3-4	Sapling	430	Daru	4-5	Sapling
385	Daru	2-3	Sapling	431	Daru	3-4	Sapling
386	Daru	4-5	Sapling	432	Daru	4-5	Sapling
387	Daru	3-4	Sapling	433	Daru	2-3	Sapling
388	Kainth	2-3	Sapling	434	Daru	3-4	Sapling
389	Daru	3-4	Sapling	435	Daru	3-4	Sapling
390	Kainth	2-3	Sapling	436	Daru	4-5	Sapling
391	Daru	3-4	Sapling	437	Daru	2-3	Sapling
392	Daru	3-4	Sapling	438	Daru	4-5	Sapling
393	Daru	4-5	Sapling	439	Daru	3-4	Sapling
394	Daru	4-5	Sapling	440	Daru	4-5	Sapling
395	Daru	3-4	Sapling	441	Daru	3-4	Sapling
396	Daru	3-4	Sapling	442	Baloza	5-6	Sapling
397	Daru	2-3	Sapling	443	Daru	4-5	Sapling
398	Daru	3-4	Sapling	444	Kinth	4-5	Sapling
399	Daru	4-5	Sapling	445	Daru	3-4	Sapling
400	Daru	3-4	Sapling	446	Daru	2-3	Sapling

Divl Fgd
IC Bldg Board

Bodw

(To be felled.)

447	Daru	2-3	Sapling	493	Daru	5-6	Sapling
448	Daru	3-4	Sapling	494	Daru	3-4	Sapling
449	Daru	3-4	Sapling	495	Daru	4-5	Sapling
450	Daru	4-5	Sapling	496	Daru	3-4	Sapling
451	Daru	3-4	Sapling	497	Daru	2-3	Sapling
452	Daru	4-5	Sapling	498	Daru	3-4	Sapling
453	Daru	3-4	Sapling	499	Daru	3-4	Sapling
454	Daru	2-3	Sapling	500	Daru	2-3	Sapling
455	Daru	4-5	Sapling	501	Daru	3-4	Sapling
456	Daru	3-4	Sapling	502	Daru	2-3	Sapling
457	Kainth	3-4	Sapling	503	Daru	3-4	Sapling
458	Daru	2-3	Sapling	504	Daru	4-5	Sapling
459	Daru	3-4	Sapling	505	Daru	4-5	Sapling
460	Daru	4-5	Sapling	506	Daru	3-4	Sapling
461	Daru	2-3	Sapling	507	Daru	2-3	Sapling
462	Daru	3-4	Sapling	508	Daru	3-4	Sapling
463	Daru	3-4	Sapling	509	Daru	4-5	Sapling
464	Daru	2-3	Sapling	510	Daru	3-4	Sapling
465	Daru	3-4	Sapling	511	Daru	2-3	Sapling
466	Daru	4-5	Sapling	512	Daru	3-4	Sapling
467	Daru	3-4	Sapling	513	Daru	2-3	Sapling
468	Daru	3-4	Sapling	514	Daru	3-4	Sapling
469	Daru	2-3	Sapling	515	Daru	4-5	Sapling
470	Daru	2-3	Sapling	516	Daru	3-4	Sapling
471	Daru	4-5	Sapling	517	Daru	4-5	Sapling
472	Daru	3-4	Sapling	518	Daru	3-4	Sapling
473	Daru	3-4	Sapling	519	Daru	4-5	Sapling
474	Daru	2-3	Sapling	520	Daru	3-4	Sapling
475	Daru	4-5	Sapling	521	Daru	3-4	Sapling
476	Daru	3-4	Sapling	522	Daru	4-5	Sapling
477	Daru	2-3	Sapling	523	Daru	4-5	Sapling
478	Daru	4-5	Sapling	524	Daru	3-4	Sapling
479	Daru	2-3	Sapling	525	Daru	4-5	Sapling
480	Daru	2-3	Sapling	526	Daru	3-4	Sapling
481	Daru	4-5	Sapling	527	Kainth	4-5	Sapling
482	Daru	3-4	Sapling	528	Daru	2-3	Sapling
483	Daru	3-4	Sapling	529	Daru	3-4	Sapling
484	Daru	4-5	Sapling	530	Daru	4-5	Sapling
485	Daru	2-3	Sapling	531	Daru	3-4	Sapling
486	Daru	3-4	Sapling	532	Daru	4-5	Sapling
487	Daru	4-5	Sapling	533	Daru	3-4	Sapling
488	Daru	3-4	Sapling	534	Daru	3-4	Sapling
489	Daru	3-4	Sapling				
490	Daru	4-5	Sapling				
491	Daru	4-5	Sapling				
492	Kainth	3-4	Sapling				

[signature] I/c B/PLZ Beat

[signature] BO/RN

ROW Right side Trees/Sapling to be Retained

S.No	Name of Species	Dia	Class	S.No	Name of Species	Dia	Class
1	Daru	4-5	Sapling	36	Daru	3-4	Sapling
2	Daru	3-4	Sapling	37	Daru	4-5	Sapling
3	Daru	4-5	Sapling	38	Daru	3-4	Sapling
4	Daru	2-3	Sapling	39	Daru	4-5	Sapling
5	Daru	3-4	Sapling	40	Daru	3-4	Sapling
6	Daru	4-5	Sapling	41	Daru	4-5	Sapling
7	Daru	2-3	Sapling	42	Daru	3-4	Sapling
8	Daru	3-4	Sapling	43	Daru	4-5	Sapling
9	Daru	2-3	Sapling	44	Daru	2-3	Sapling
10	Daru	2-3	Sapling	45	Daru	3-4	Sapling
11	Daru	3-4	Sapling	46	Daru	3-4	Sapling
12	Daru	4-5	Sapling	47	Daru	4-5	Sapling
13	Daru	4-5	Sapling	48	Daru	5-6	Sapling
14	Daru	3-4	Sapling	49	Daru	3-4	Sapling
15	Daru	2-3	Sapling	50	Daru	4-5	Sapling
16	Daru	3-4	Sapling	51	Daru	3-4	Sapling
17	Daru	4-5	Sapling	52	Daru	4-5	Sapling
18	Daru	3-4	Sapling	53	Daru	2-3	Sapling
19	Daru	2-3	Sapling	54	Daru	3-4	Sapling
20	Daru	3-4	Sapling	55	Kainth	3-4	Sapling
21	Daru	2-3	Sapling	56	Daru	2-3	Sapling
22	Daru	3-4	Sapling	57	Daru	4-5	Sapling
23	Daru	4-5	Sapling	58	Daru	3-4	Sapling
24	Daru	3-4	Sapling	59	Daru	2-3	Sapling
25	Daru	4-5	Sapling	60	Daru	4-5	Sapling
26	Daru	3-4	Sapling	61	Daru	5-6	Sapling
27	Daru	2-3	Sapling	62	Kainth	6-7	Sapling
28	Daru	2-3	Sapling	63	Daru	3-4	Sapling
29	Daru	3-4	Sapling				
30	Daru	3-4	Sapling				
31	Daru	4-5	Sapling				
32	Daru	3-4	Sapling				
33	Daru	2-3	Sapling				
34	Daru	3-4	Sapling				
35	Daru	4-5	Sapling				

ROW Left Side Trees/sapling to be Retained

S.No	Name of Species	Dia	Class	S.No	Name of Species	Dia	Class
1	Daru	3-4	Sapling	26	Daru	4-5	Sapling
2	Daru	4-5	Sapling	27	Daru	3-4	Sapling
3	Daru	3-4	Sapling	28	Daru	3-4	Sapling
4	Daru	2-3	Sapling	29	Daru	4-5	Sapling
5	Daru	3-4	Sapling	30	Daru	2-3	Sapling
6	Daru	2-3	Sapling	31	Daru	3-4	Sapling
7	Daru	3-4	Sapling	32	Daru	2-3	Sapling
8	Daru	4-5	Sapling	33	Daru	3-4	Sapling
9	Daru	3-4	Sapling	34	Daru	3-4	Sapling
10	Daru	5-6	Sapling	35	Daru	4-5	Sapling
11	Daru	2-3	Sapling	36	Daru	3-4	Sapling
12	Daru	3-4	Sapling	37	Daru	4-5	Sapling
13	Daru	3-4	Sapling	38	Daru	3-4	Sapling
14	Daru	4-5	Sapling	39	Daru	5-6	Sapling
15	Daru	4-5	Sapling	40	Daru	3-4	Sapling
16	Daru	3-4	Sapling	41	Daru	2-3	Sapling
17	Daru	2-3	Sapling	42	Daru	4-5	Sapling
18	Daru	3-4	Sapling	43	Daru	3-4	Sapling
19	Daru	4-5	Sapling	44	Daru	4-5	Sapling
20	Daru	3-4	Sapling	45	Daru	2-3	Sapling
21	Daru	4-5	Sapling	46	Daru	3-4	Sapling
22	Daru	4-5	Sapling	47	Daru	4-5	Sapling
23	Daru	3-4	Sapling	48	Daru	3-4	Sapling
24	Daru	2-3	Sapling				
25	Kainth	4-5	Sapling				

FGI
I/C B/DLR Beat

Booth

Tower (T1) Right side Trees/sapling to be Felled

S.No	Name of Species	Dia	Class	S.No	Name of Species	Dia	Class
1	Daru	2-3	Sapling	19	Daru	3-4	Sapling
2	Daru	4-5	Sapling	20	Daru	4-5	Sapling
3	Daru	3-4	Sapling	21	Daru	3-4	Sapling
4	Daru	2-3	Sapling	22	Daru	2-3	Sapling
5	Daru	3-4	Sapling	23	Daru	3-4	Sapling
6	Daru	2-3	Sapling	24	Daru	4-5	Sapling
7	Daru	3-4	Sapling	25	Daru	2-3	Sapling
8	Daru	3-4	Sapling	26	Daru	3-4	Sapling
9	Daru	2-3	Sapling	27	Daru	3-4	Sapling
10	Daru	4-5	Sapling	28	Daru	2-3	Sapling
11	Kainth	3-4	Sapling	29	Daru	4-5	Sapling
12	Daru	3-4	Sapling	30	Daru	2-3	Sapling
13	Daru	2-3	Sapling	31	Daru	3-4	Sapling
14	Daru	4-5	Sapling	32	Daru	4-5	Sapling
15	Kainth	2-3	Sapling	33	Daru	3-4	Sapling
16	Daru	3-4	Sapling	34	Daru	3-4	Sapling
17	Daru	3-4	Sapling				
18	Kainth	4-5	Sapling				

Forest Beat
IK Bhpur Beat

Tower (T1) Left side Trees/Sapling to be Felled

S.No	Name of Species	Dia	Class				
1	Daru	2-3	Sapling				
2	Daru	3-4	Sapling				
3	Daru	2-3	Sapling				
4	Daru	3-4	Sapling				
5	Daru	4-5	Sapling				
6	Daru	3-4	Sapling				
7	Daru	4-5	Sapling				
8	Daru	3-4	Sapling				
9	Kainth	4-5	Sapling				
10	Daru	4-5	Sapling				
11	Daru	3-4	Sapling				
12	Daru	4-5	Sapling				

ABSTRACT

S.No	Name of Species	Name of Botanical	No. of Sapling to be Retained	No of sapling to be Felled
1	Daru	Punica granatum	108	548
2.	Kainth	Pyrus pashia	3	20
3.	Baloza		-	12
		Total	**111**	**580**

I/c B/Pur Beat

BO Sunni

RFO
Bhajji

Range Forest Officer
Bhajji, Forest Range Office
Sunni, Distt. Shimla (HP)

Annx-E

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.-C .DD-WA-N.O.C/2022- 25494-96 Dated:- 14/02/2023

To

Sr. Executive Engineer,
Electriclal Syustem Division,
HPSEBL, Totu Shimla-II.

Subject:- Regarding Issuance fo NOC for direct access/approach road.

In this connection, it is intimated that NOC case of Sr. Executive Engineer Electrical System Division, HPSEBL Totu shimla-II for C/o 220/166 KV GIS Sub Station in Khasra No. 467/1 measeruing about 02-89-75 hectares situated at Muhal Nadukhar Tehsil Suni distt. Shimla on lin road to Nadukhar at Rd. 1/900 on valley side has been approved by the worthy Superintending Engineer, 4th Circle, HP. PWD Shimla vide his letter No. SE-IV-NOC/2023-17776-77 dated 10.02.2023 on the subject cited above.

The NOC Objection Certificate for the above cited subject is hereby issued on the following terms and conditions:-

1. That no construction shall be allowed within the acquired width & controlled width of the road.
2. That the construction shall be carried out by the applicant in such a manner that there should not be any hindrance to the smooth flow of traffic on **Muhal Nadukhar Tehsil Suni Distt Shimla.**
3. That the applicant/guest of resort shall not be allowed to park any vehicle on the road side.
4. No Parking of vehicles shall be allowed on approach Path/Slab within the acquired width and also in controlled width of 3.00 metres as the case may be. If any time, any violation of this condition is found, the NOC shall be cancelled.
5. That the construction work shall be started by the applicant only after taking proper layout from the Engineer-in- Charge, after getting the proposed drawings approved from the MC/TCP/Nagar Panchyat/Local bodies.
6. That whenever the land where approach Path/Slab is proposed to be constructed is required by the PWD/State Govt. for widening of road or for any other road relating activities,department/State Govt. shall be at liberty to dismantle the same without any notice or compensation and applicant will have no right to raise any claim of any sort.
7. The width of the proposed access to the parking floor shall not be more than 3.00 mtrs and the access be build independently & it should not interfere with the road infrastructure.
8. In case said approach proves to be traffic hazard then the NOC shall be withdrawn and the decision of the department shall be final and binding on the applicant.
9. That the approach bridge would have no structure raised on it except for see through type railing having maximum height of 1.0 mtr. So that vision of road user is not obstructed.

10. The septic tank, drain etc, if any shall be constructed outside the Controlled width.No water shall be allowed on the road. Drain covered with grating shall be provided wherever required.
11. In case any violation of H.P. Road Side Land Control Act. 1968, the H.P. Public Premises (Land Eviction and Rent Recovery) Act, and H.P. Road Infrastructure Protection Act. 2002, the NOC shall be withdrawn immediately.
12. The proposed construction shall not abut the controlled width line & the local offsets beyond the controlled width and same shall be in accordance to the Municipal Committee/TCP/Nagar Panchayat/Local bodies bye laws.(as applicable).
13. That there should not be any damage to the existing PWD road or any of the road structure. In case, of any damage the same shall be restored by the applicant to its original condition.
14. That all debris/malva shall be disposed off by the applicant at the approved dumping site and no debris shall be allowed by the department on road side.
15. For any construction on the valley side of the road, the height of structure i.e. ridge line above the road level shall be Governed as per the T & CP norms, so as not to obstruct the vision on valley side.
16. The applicant shall get the detailed drawings approved from MC/ TCP/Local bodies (as applicable) before start of construction at site.
17. The instructions issued by the Principal Secretary (TCP) vide Notification No. TCP-A (3)-(3)/2008- dated 02-07-2009 and amendment further if any and any other notification and direction from TCP/MC regarding planning regulation may also be adhered to.
18. That the decision of National Green Tribunal may also be taken into account.
19. In future, if above kh. No. land required to Govt. for widening the road the applicant will not be object any objection for widening the road and any damage will be bear by the applicant.
20. If any damage accoured in the controlled/Acquired width of PWD land the same should be restored by the owner him self in the presence of concerned AE/JE.

Encls:- One No. File.

Executive Engineer,
Shimla Rural Division,
HP.PWD, Dhami.

1. Copy to the Superintending Engineer, 4th Circle, HP.PWD, Shimla-3 with reference to above along with Photostat copy of fresh affidavit so supplied by the applicant earlier for favour of information please.

Encls:- As Above.

2. Copy to the Assistant Engineer, Sunni Sub-Division, HP.PWD Sunni, for information & necessary action, it may be ensured that directions passed by the Hon'ble High Court of H.P.in CWPIL No.17/2016 Asha Chauhan Versus State of H.P. are adhered to by the applicant. In case any violation done by the applicant of above mentioned terms and condition during the construction work the same may be reported to this office for taking further necessary action.

Executive Engineer,
Shimla Rural Division,
HP.PWD, Dhami

Azadi Amrit Mahotsav

Himachal Pradesh Public Works Department

Phone No.0177- 2653455 Tele Fax No.0177-280509 Email hp-shi3@nic.in

No. SE(I) R-NOC/2023- 17976-77 Dated - 10/2/23

To

The Executive Engineer,
Shimla Rural Division,
HP. PWD.Dhami.

Subject:- Regarding Issuance of NOC for direct access/approach road.

Reference:- Your office letter No.SRDD-W.I-NOC/2022-24913-14 dated 28.01.2033

As recommended by you ,the NOC case of Sr. Executive Engineer Electrical System Division,HPSEBL,Totu Shimla –II for C/O 220/66 KV GIS Sub Station in in Khasra No 46/1measuring about 02-89-75Hectares situated at Muhal Nadukhar Tehsil Suni Distt. Shimla on link road to Nadukhar at RD1/900 on Valley side as per the powers delegated to the undersigned by Chief Engineer (SZ) HP.PWD., Shimla vide his office letter No.PW-WS-(R) NOC 2014-12540-48 dated 05.02.2015 may be issued on the following terms and conditions after completing all codal formalities.

1. That no construction shall be allowed within the acquired width & Controlled Width of the road.
2. That the construction shall be carried out by the applicant in such a manner that there should not be any hindrance to the smooth flow of traffic on link road on Muhal Nadukhar Tehsil Suni Distt Shimla.
3. The applicant/guest of resort shall not be allowed to park any vehicle on the road side.
4. No parking of vehicles shall be allowed on approach path slab within the acquired width as also in controlled width of 3.00 mtrs. as the case may be. If any time any violation of this condition is found, the NOC shall be cancelled.
5. That the construction work shall be started by the applicant only after taking proper layout from the Engineer-in-Charge after getting the proposed drawings approved from the MC/TCP/ Nagar Panchayat/Local bodies.
6. That whenever the land where approach path slab is proposed to be constructed is required by the PWD/State Govt. for widening of road or for any other road related activities, the State Govt. shall be at liberty to dismantle the same without any notice or compensation & the applicant will have no right to raise any claim of any sort.
7. Width of the proposed access shall not be more than 3.00 mtrs and the access to be independently & it should not interfere with the road infrastructure.
8. In case said approach proves to be traffic hazard then the NOC shall be withdrawn without decision of the department shall be final and binding on the applicant.
9. That the approach bridge would have no structure raised on it except the railing having maximum height of 1.0 mtr. so that view of road users is not obstructed.

10. The septic tank, drains etc., if any shall be constructed outside the controlled width. No water from approach shall be allowed on the road. Drain covered with grating shall be provided wherever required.

11. In case of any violation of H.P. Road Side Control Act,1968, the H.P. Public Premises (Land Eviction and rent recovery) Act and H.P. Road infrastructure Protection Act, 2002 the NOC shall be withdrawn immediately.

12. The proposed construction shall not abut the controlled width line & the local offsets beyond the controlled width shall be in accordance to the Municipal Committee, TCP Nagar Panchayat Local bodies bye laws (as applicable).

13. That there should not be any damage to the existing PWD road or any of the road structure. In case of any damage the same shall be restored by the applicant to its original condition.

14. That all the debris/Malwa shall be disposed of by the applicant at the approved dumping site and no debris shall be allowed by the department on road side.

15. For any construction on the valley side of the road, the height of structures i.e. ridge line above the road level shall be governed as per the T&CP norms, so as not to obstruct the vision on valley side.

16. The applicant shall get the detailed drawings approved from MC/TCP/local bodies (as applicable) before start of construction at site.

17. The instructions issued by principal Secretary (TCP) vide Notification No. TCP-A(3)-(3) 2008 dated 02/07/2009 and amendment further if any and any other notification and direction from TCP/MC regarding planning regulation may also be adhered to.

18. That the decision of National green Tribunal may also be taken in to account.

19. In future, if above Kh. No. land required to PWD for widening the road the applicant will not object any objection for widening the road and any damage will be bear by the applicant.

20. If any damage accorded in the controlled/Acquire width of PWD land the same should be restored by the owner themselves in the presence of concerned AE/JE.

You should obtain fresh affidavit from the applicant regarding terms and conditions of the department before the NOC is issued. The other standard terms and conditions for safeguarding interest of the State department may also be got incorporated in the fresh affidavit from the applicant before conveying the NOC.

Encl: - As above.

Superintending Engineer
Circle, HPPWD Shimla

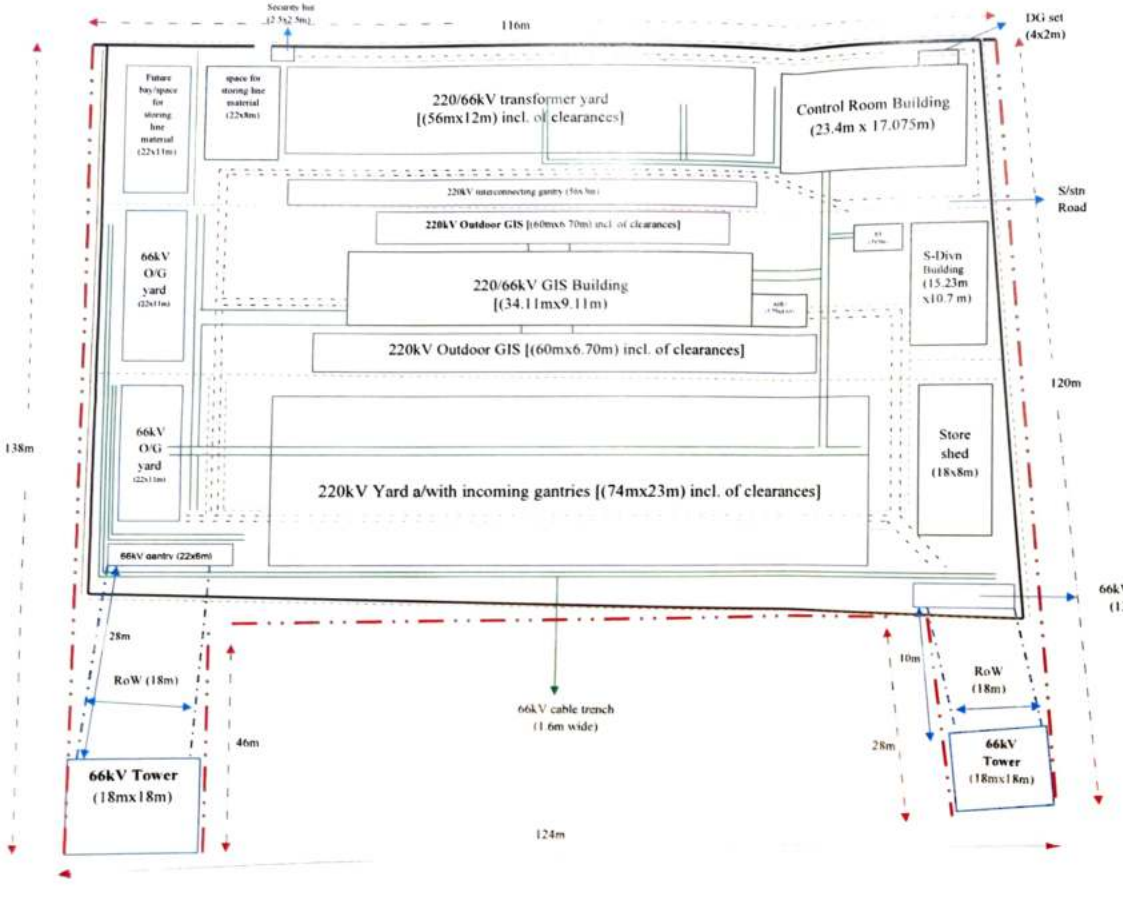
Copy to D/B alongwith once copy of NOC for record.

Encl: - As above.

Superintending Engineer
Circle, HPPWD Shimla

Annx. F-1

PROPOSED GENERAL LAYOUT/BLOCK DIAGRAM OF 220/66kV GIS SUB-STATION AT NADUKHAR



	OUTER BOUNDARY OF LAND PROPOSED FOR DIVERSION
	SUB-STATION BOUNDARY
	INTERCONNECTING ROAD FOR SUB-STATION BENCHES
	220kV YARD & EQUIPMENT
	66kV YARD & EQUIPMENT INCLUDING GANTIRES & TOWERS
	66kV RIGHT OF WAY
	BUILDINGS (GIS, CONTROL ROOM, SUB-DIVISION, STORE SHED, DG SET, STATION TRANSFORMER, AIR HANDLING UNIT)
	POWER & CONTROL CABLE TRENCHES OF DIFFERENT SIZE (Outside =1.9 & inside = 1.6m)+ (Outside =1.1 & inside = 0.8m)
	BREAST/RETAINING WALLS

C/S Divisional Forest Officer
Shimla West Division
SHIMLA

Sr. Executive Engineer,
Electrical System Division,
HPSEBL,Totu - Shimla -11.

LEGENDS	
	RETAINING/BREAST WALLS
	INTERCONNECTING ROADS
	CABLE TRENCHES
	SUB-STATION COMPONENTS

FOR APPROVAL

HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

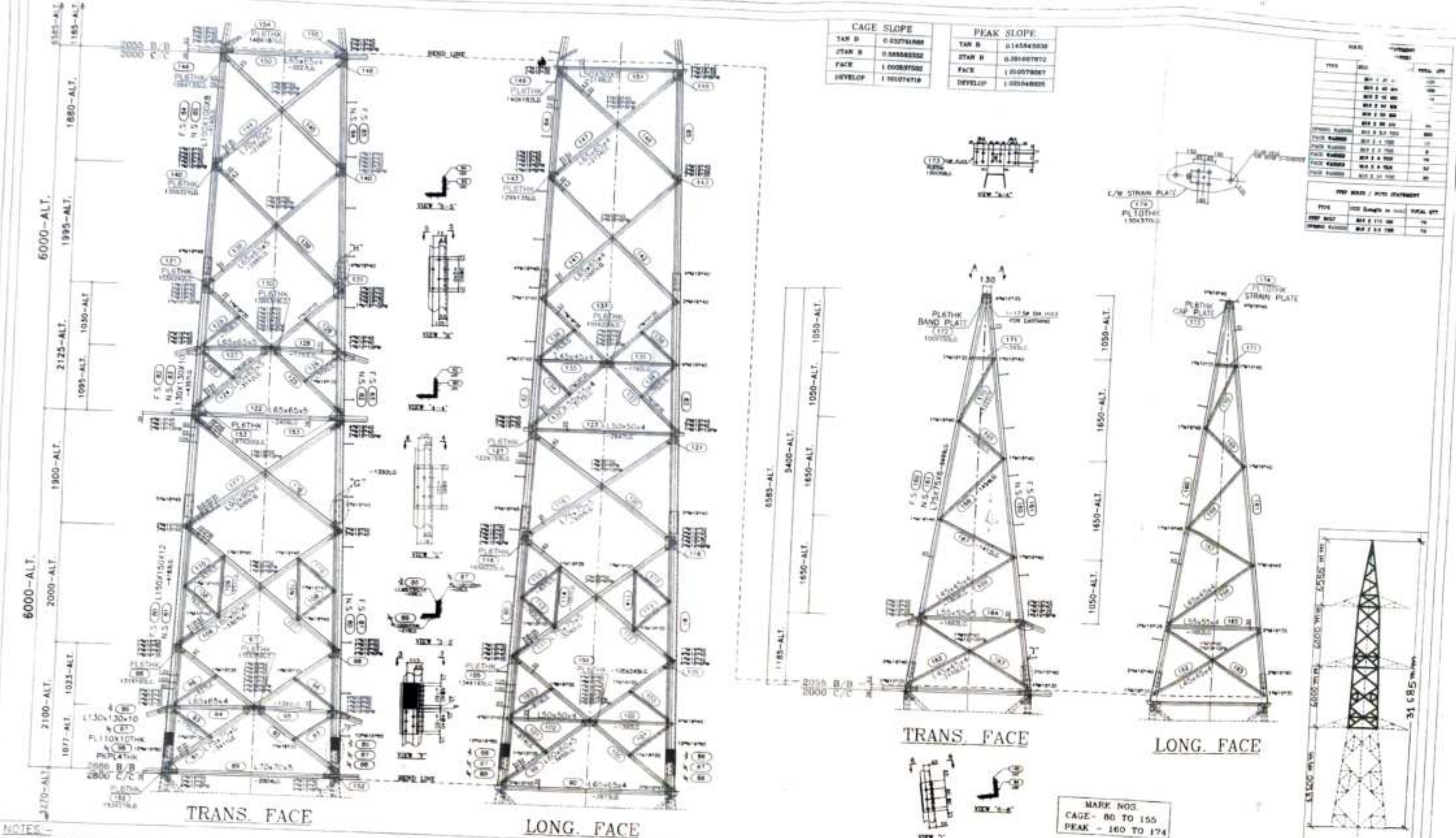
PROJECT: 220/66KV, 2 X 25/31.5 MVA GIS SUBSTATION AT NADI KHAR, DISTRICT SHIMLA (H.P.)

OUTDOOR LAYOUT PLAN & SECTION WITH CLEARANCES

LEGENDS

NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED
2. LOCATION & DIMENSIONS OF EQUIPMENTS ARE TENTATIVE ONLY WHICH MAY BE CHANGED AFTER RECEIPT OF APPROVED MAKE/FACTUAL DRAWINGS
3. LOCATION, SIZE AND GENERAL ARRANGEMENT DETAILS OF GIS GUM CONTROL BUILDING, ENTRANCE GATE ARE INDICATIVE ONLY SEPARATE DRAWING SHALL BE SUBMITTED FOR THE SAME
4. LOCATION & ORIENTATION OF 220kV & 66kV TERMINAL TOWER ARE TENTATIVE ONLY WHICH MAY BE CHANGED AFTER RECEIPT OF APPROVAL
5. DETAILED CABLE TRENCH LAYOUT (INCLUDING TRENCH SECTIONS & CROSSINGS) AND DRAIN LAYOUT SHALL BE SUBMITTED SEPARATELY AFTER APPROVAL OF OVERALL GA PLAN & SECTION LAYOUT
6. INSULATION LEVELS MENTIONED ARE THE CALCULATED VALUES FOR AN ALTITUDE OF 1000M ABOVE MEAN SEA LEVEL
7. 66KV CABLE ROUTING SHOWN IS INDICATIVE ONLY AND SHALL BE FINALIZED DURING OUTDOOR CABLE TRENCH LAYOUT



CAGE SLOPE	
TAN B	0.032791666
2TAN B	0.065583332
FACE	1.000537502
DEVELOP	1.001074716

PEAK SLOPE	
TAN B	0.145843936
2TAN B	0.291687872
FACE	1.010578067
DEVELOP	1.020484825

MARK NOS.
CAGE - 80 TO 155
PEAK - 160 TO 174

NOTES:-

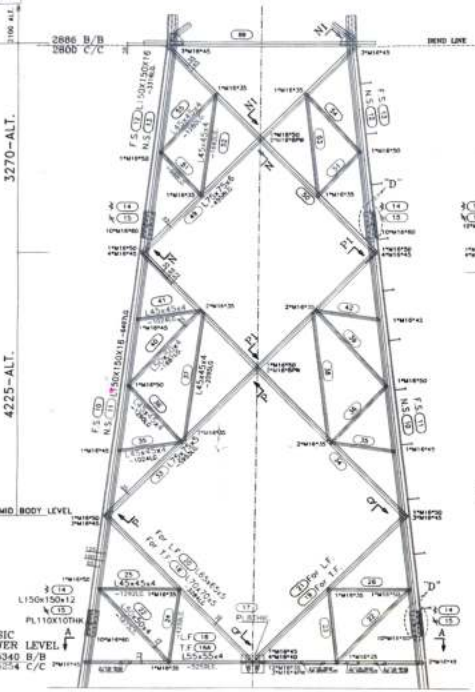
1. ALL DIMENSIONS ARE IN MM
2. MATERIALS
   MILD STEEL – IS-2062 (GRADE 'C' ONLY) (fy=250N/sqmm)
   BOLTS & NUTS 16Ø – GRADE 5.6/5 (IS 12427-1988)
   BOLT SET: ONE BOLT+ONE NUT+ONE SPRING WASHER
   STEP BOLT SET: ONE BOLT+TWO NUT+ONE SPRING WASHER
3. ALL MEMBERS SHALL BE HOT DIP GALVANISED
4. THE PROCEEDING LETTER WILL BE "D"
5. STEP BOLTS ARE TO BE PROVIDED ON DIAGONALLY OPPOSITE LEGS
6. ALL UNNOTED MEMBERS ARE L45X30X4
7. SPRING WASHER SHOULD BE ELECTROGALVANISED AS PER IS 1573 AND SHOULD BE (TYPE-B) AS PER IS 3063
8. FOR DESIGN CALCULATIONS REF. DRG. NO. C-113-HPSEB-66KVDC-D-01

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
3	01/05/2010	REVISED AFTER TESTING	AMIT A	AMIT A	
2	27/02/2010	REVISED DURING TESTING	AMIT A	AMIT A	
1	20/10/2009	MARK NO. 152,153,154,155 ADDED	AJW	AJW	

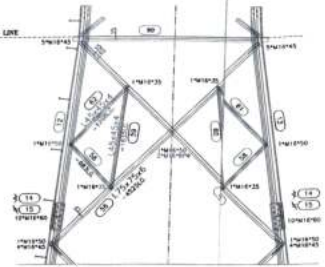
PROJECT	66 KV D/C TRANSMISSION LINE FROM KOTHI TO GUPHA
CLIENT	HIMACHAL PRADESH STATE ELECTRICITY BOARD, (HPSEB), HAMIRPUR (HP)
CONTRACTOR	ADVANCE STEEL TUBES LTD., HARIDWAR
DESIGNER	TRUCON ASSOCIATES, NAGPUR, INDIA
SCALE - 1:30, 1:15	STRUCTURAL DRAWING FOR 66KV 'D/C' TOWER TYPE "D" CAGE & PEAK
DRAWN	AJW
CHECKED	AJW
DESIGN	MKM
DATE	[illegible]

APPROVED

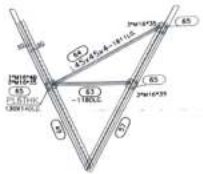
TOWER SLOPE	
TAN B	0.12473515
STAN B	0.2494693
FACE	1.00774015
DEVELOP	1.015430175



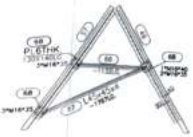
TRANS./LONG. FACE



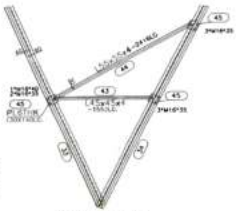
LONG. FACE



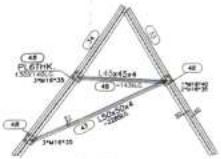
VIEW 'N-N'



VIEW 'N1-N1'



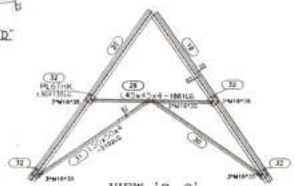
VIEW 'P-P'



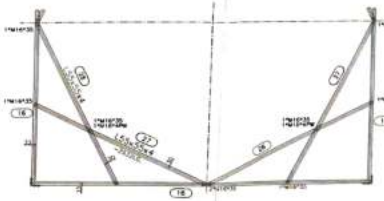
VIEW 'P1-P1'

VIEW 'R'

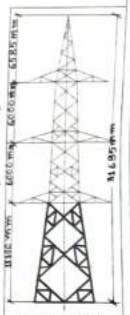
VIEW 'T-T'



VIEW 'Q-Q'



PLAN AT 'A-A'



KEY DIAGRAM

MARK NOS.
BASIC TOWER- 10 TO 68 & 16A

NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. MATERIALS
   MILD STEEL - IS-2062 . (GRADE 'C' ONLY) (fy=250N/sqmm)
   BOLTS & NUTS 16ø - GRADE 5.6/S (IS: 12427-1988)
   BOLT SET: ONE BOLT+ONE NUT+ONE SPRING WASHER.
   STEP BOLT SET: ONE BOLT+TWO NUT+ONE SPRING WASHER.
3. ALL MEMBERS SHALL BE HOT DIP GALVANISED
4. THE PROCEEDING LETTER WILL BE "D"
5. STEP BOLTS ARE TO BE PROVIDED ON DIAGONALLY OPPOSITE LEGS
6. ALL UNNOTED MEMBERS ARE L45X30X4
7. SPRING WASHER SHOULD BE ELECTROGALVANISED AS PER IS:1573 AND SHOULD BE (TYPE-B) AS PER IS:3063
8. FOR DESIGN CALCULATIONS REF. DRG. NO. C-113-HPSEB-66KVDC-D-01.

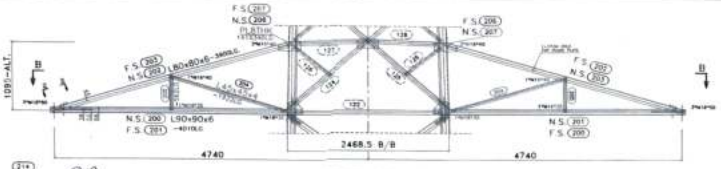
REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
2	19/02/2010	REVISED AFTER TESTING	ANKIT A	ANKIT A	
1	12/11/2009	MARK NO 10,50,56,57-SECTION REVISED	AFA	AFA	

PROJECT	66 KV D/C TRANSMISSION LINE FROM KOTHI TO GUPHA
CLIENT	HIMACHAL PRADESH STATE ELECTRICITY BOARD. (HPSEB), HAMIRPUR (HP)
CONTRACTOR	: ADVANCE STEEL TUBES LTD., HARIDWAR
DESIGNER	: TRUCON ASSOCIATES, NAGPUR, INDIA

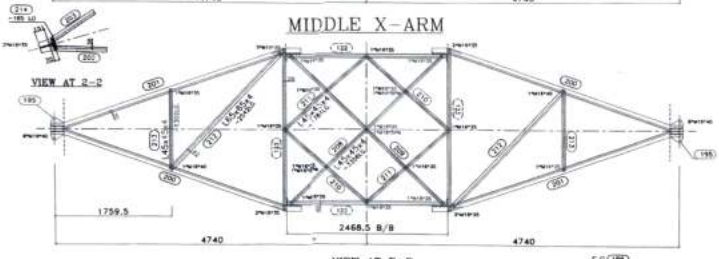
SCALE	1:30, 1:10	STRUCTURAL DRAWING FOR 66KV 'D/C' TOWER TYPE 'D' BASIC BODY APPROVED
DRAWN	ATM	
CHECKED	ATM	
DESIGN	MKK	
DATE	24/06/2009	DRAWING NO. C113/HPSEB/D/BD/ST/01

SHEET NO 1/3 REV 2

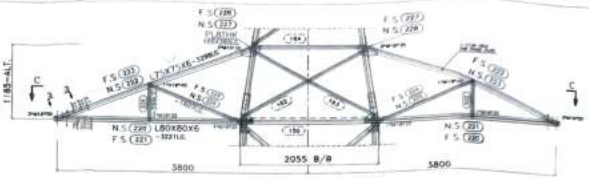
Director Design (Transm.) H.P.S.E.B. LTD.



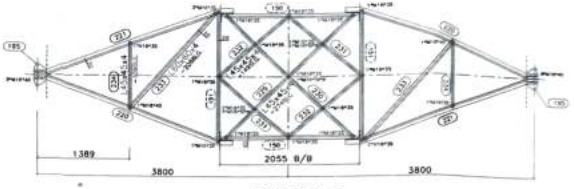
MIDDLE X-ARM



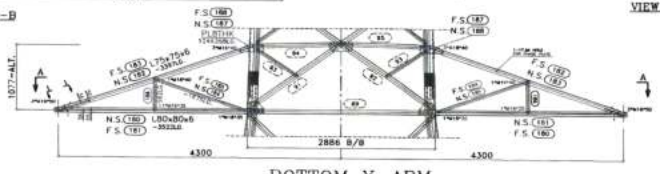
VIEW AT B-B



TOP X-ARM



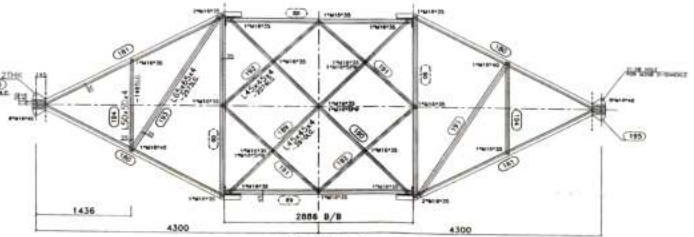
VIEW AT C-C



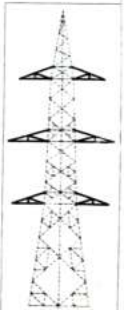
VIEW AT 1-1

VIEW AT 3-3

BOTTOM X-ARM



VIEW AT A-A



KEY DIAGRAM

MARK NOS	
TOP X-ARM	- 220 TO 235
MIDDLE X-ARM	- 200 TO 214
BOTTOM X-ARM	- 180 TO 196

NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. MATERIALS
   MILD STEEL - IS-2062 (GRADE 'C' ONLY) (fy=250N/sqmm)
   BOLTS & NUTS 16# - GRADE 5.6/5 (IS: 12427-1988)
   BOLT SET: ONE BOLT+ONE NUT+ONE SPRING WASHER
   STEP BOLT SET: ONE BOLT+TWO NUT+ONE SPRING WASHER.
3. ALL MEMBERS SHALL BE HOT DIP GALVANISED.
4. THE PROCEEDING LETTER WILL BE "D".
5. STEP BOLTS ARE TO BE PROVIDED ON DIAGONALLY OPPOSITE LEGS.
6. ALL UNNOTED MEMBERS ARE L45X30X4.
7. SPRING WASHER SHOULD BE ELECTROGALVANISED AS PER IS:1573 AND SHOULD BE (TYPE-B) AS PER IS:3063.
8. FOR DESIGN CALCULATIONS REF. DRG. NO. C-113-HPSEB-66KVDC-D-01.

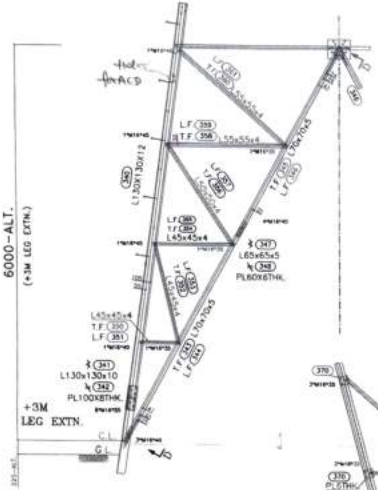
REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
3.	01/03/2010	REVISED AFTER TESTING	AMIT A.	AMIT A.	
2.	27/02/2010	REVISED DURING TESTING	AMIT A.	AMIT A.	
1.	25/03/2009	MARK NO. 196,214,235, ADDED	ATM	ATM	

PROJECT	: 66 KV D/C TRANSMISSION LINE FROM KOTHI TO GUPHA
CLIENT	: HIMACHAL PRADESH STATE ELECTRICITY BOARD (HPSEB), HAMIRPUR (HP)
CONTRACTOR	: ADVANCE STEEL TUBES LTD. HARIDWAR
DESIGNER	: TRUCON ASSOCIATES NAGPUR, INDIA
SCALE	: 1:50, 1:15
DRAWN	ATM
CHECKED	ATM
DESIGN	MKR
DATE	10.07.2009
DRAWING NO	C113/HPSEB/D/SD/WT/04

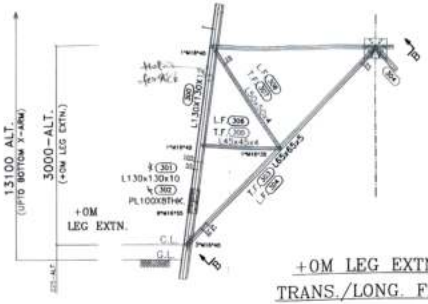
STRUCTURAL DRAWING FOR 66KV D/C TOWER TYPE "D" X-ARMS

SHEET NO. 3/3 REV. 3

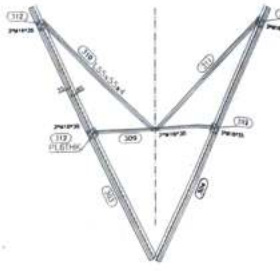
TOWER SLOPE	
TAN θ	0.144251266
TAN θ	0.288502532
SEC	1.010035063
DEVELOP	1.020066332



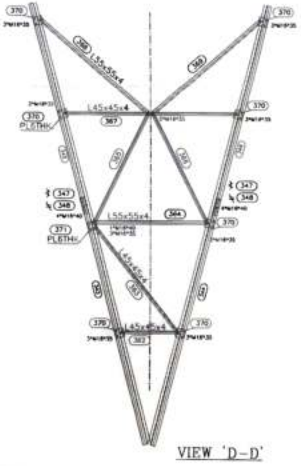
+3M LEG EXTN.
TRANS./LONG. FACE



+0M LEG EXTN.
TRANS./LONG. FACE

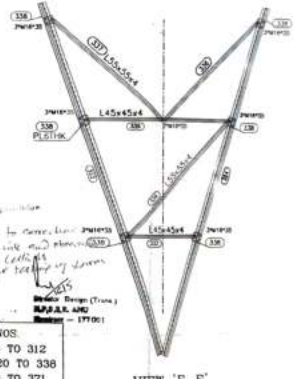


VIEW 'B-B'

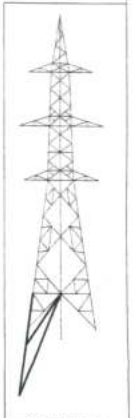


VIEW 'D-D'

+1.5M LEG EXTN.
TRANS./LONG. FACE



VIEW 'E-E'



KEY DIAGRAM

MARK NOS.
+0M LE - 300 TO 312
+1.5M LE - 320 TO 338
+3M LE - 340 TO 371
OMMITED MARK NOS. - 349

NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. MATERIALS
   MILD STEEL - IS-2062 : (GRADE 'C' ONLY) (fy=250N/sqmm)
   BOLTS & NUTS 16ø - GRADE 5.6/5 (IS: 12427-1988)
   BOLT SET: ONE BOLT+ONE NUT+ONE SPRING WASHER.
3. ALL MEMBERS SHALL BE HOT DIP GALVANISED.
4. THE PROCEEDING LETTER WILL BE "C".
5. STEP BOLTS ARE TO BE PROVIDED ON DIAGONALLY OPPOSITE LEGS.
6. ALL UNNOTED MEMBERS ARE L45X30X4.

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

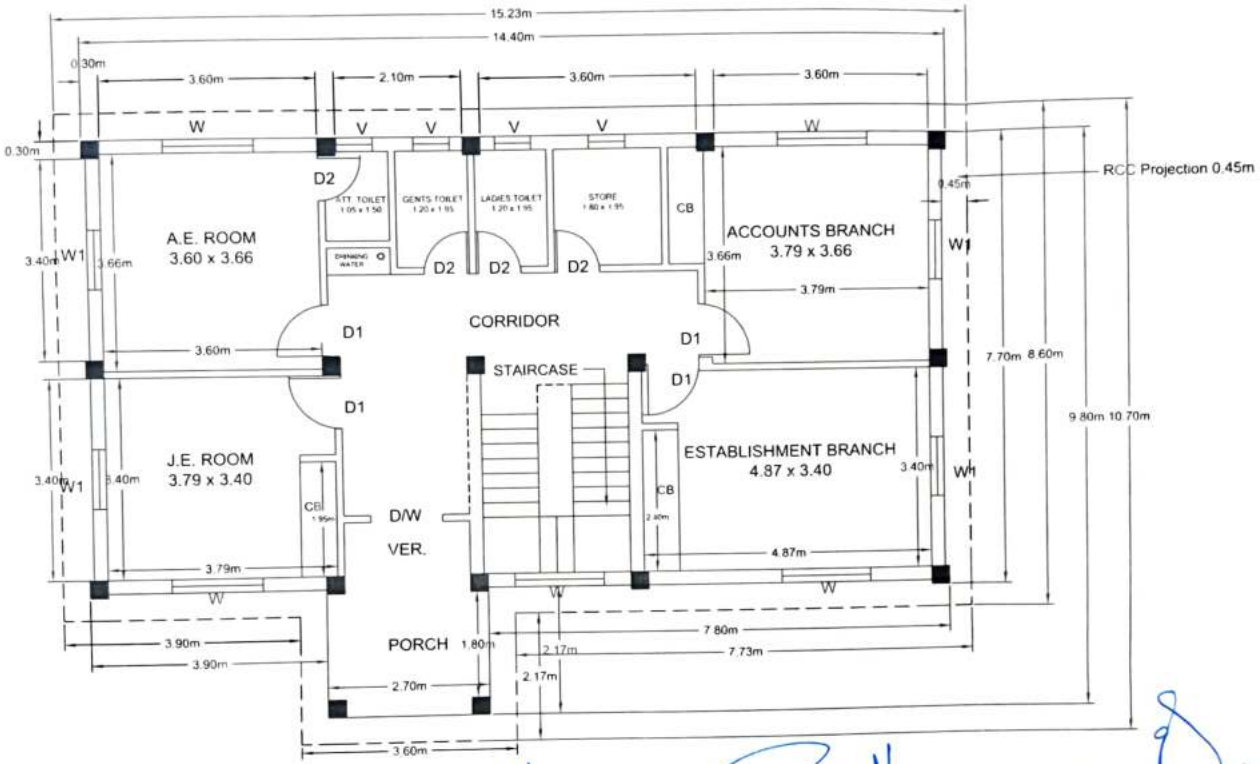
PROJECT	: 66 KV D/C TRANSMISSION LINE FROM KOTHI TO GUPHA
CLIENT	: HIMACHAL PRADESH STATE ELECTRICITY BOARD, (HPSEB), HAMIRPUR (HP)
CONTRACTOR	: ADVANCE STEEL TUBES LTD., HARIDWAR
DESIGNER	: TRUCON ASSOCIATES, NAGPUR, INDIA
DRAWN	: ASN
CHECKED	: ASN
DESIGN	: MKN
DATE	: 18/04/2009

STRUCTURAL DRAWING FOR 66KV 'D/C' TOWER TYPE "C"
LEG EXTNS. +0M,+1.5M & +3M

DRAWING NO : CS/S/HPSEB/DD/12/04 | SHEET NO : 1/1 | REV : 0

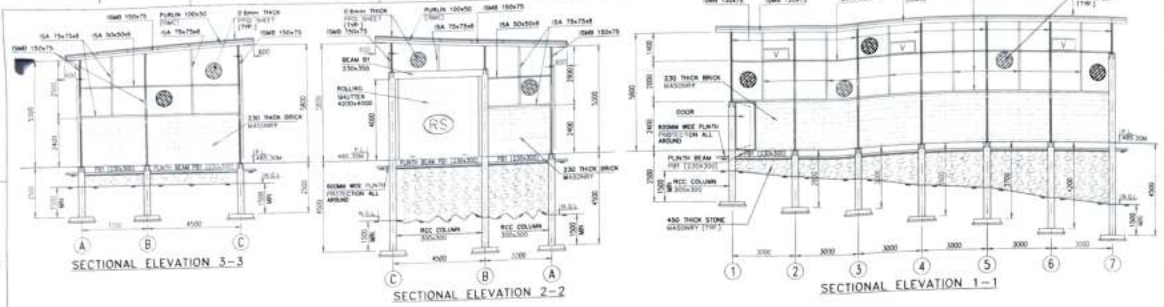
Annx-F-2

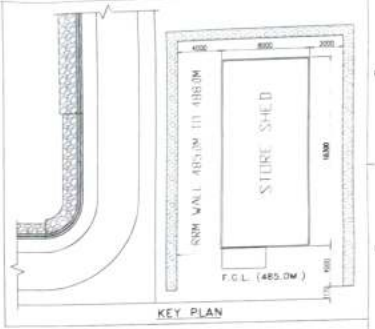
WORKING DRAWING FOR SUB-DIVISION OFFICE BUILDING (15.23 X 10.70m)

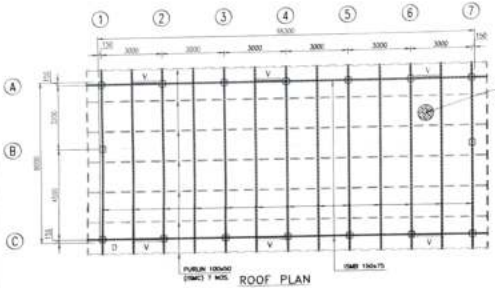


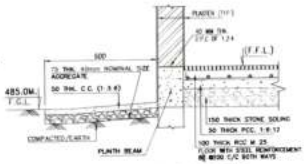
Sr. Executive Engineer,
Electrical System Division,
HPSEBL, Totu - Shimla -11.

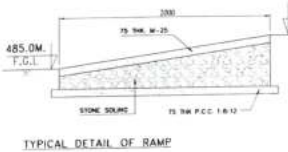
Superintending Engineer
Electrical System Circle
HPSEBL Totu Shimla-11

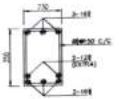


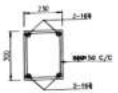


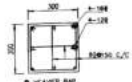


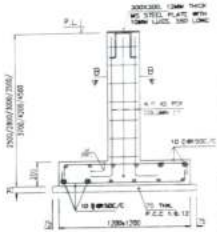


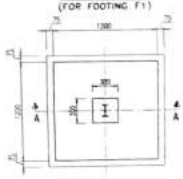


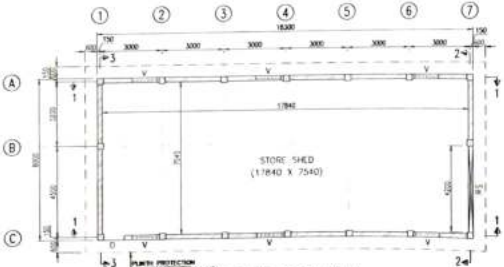


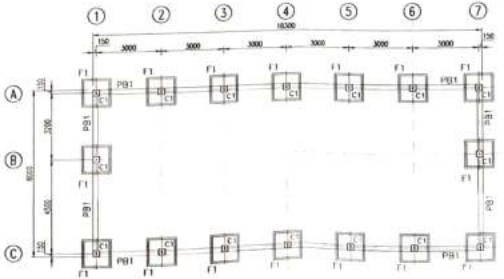












NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS.
2. ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
3. BRICK WORK SHALL BE PROVIDED WITH CEMENT SAND (1:6) MORTAR.
4. EXTERNAL WALLS - 10mm THK. PLASTER CM 1:4
5. INTERNAL WALLS - 12mm THK. PLASTER CM 1:4
6. SHEET CLADDING SHALL BE EXTENDED 600MM BELOW BRICK WALL.
7. 12mm DIA HOLD FAST SHALL BE PROVIDED FOR BASE PLATES AT PLINTH BEAMS.
8. MISCELLANEOUS STEEL i.e. CLEATS FOR PURLINS, STIFFENERS, SHALL BE PROVIDED AS PER ACTUAL SITE REQUIREMENT.
9. ALL STRUCTURAL STEEL, ISMB, ISMC, ISA, PLATES, ANGLES ETC. TO BE USED SHALL BE PAINTED WITH ANTI-CORROSIVE SYNTHETIC ENAMEL PAINT OVER A PRIMING COAT OF STEEL PRIMER.

REV	DESCRIPTION	DRN	CHECKED	APPROVED
R0	FIRST ISSUE	ABD 17.02.23	PNS 17.02.23	SKL 23.02.23

CLIENT : HIMACHAL PRADESH STATE ELECTRICITY BOARD LTD.

PROJECT : CONSTRUCTION OF 220/66kV GIS SUB-STATION AT NADUKHAR ALONG WITH LILO OF OF EXISTING 220kV D/C BHABA KUNIHAR LINE.

ORDER NO:

TITLE : STORE SHED DETAILS FOR 220 kV SUB-STATION NADUKHAR

SCALE: NTS

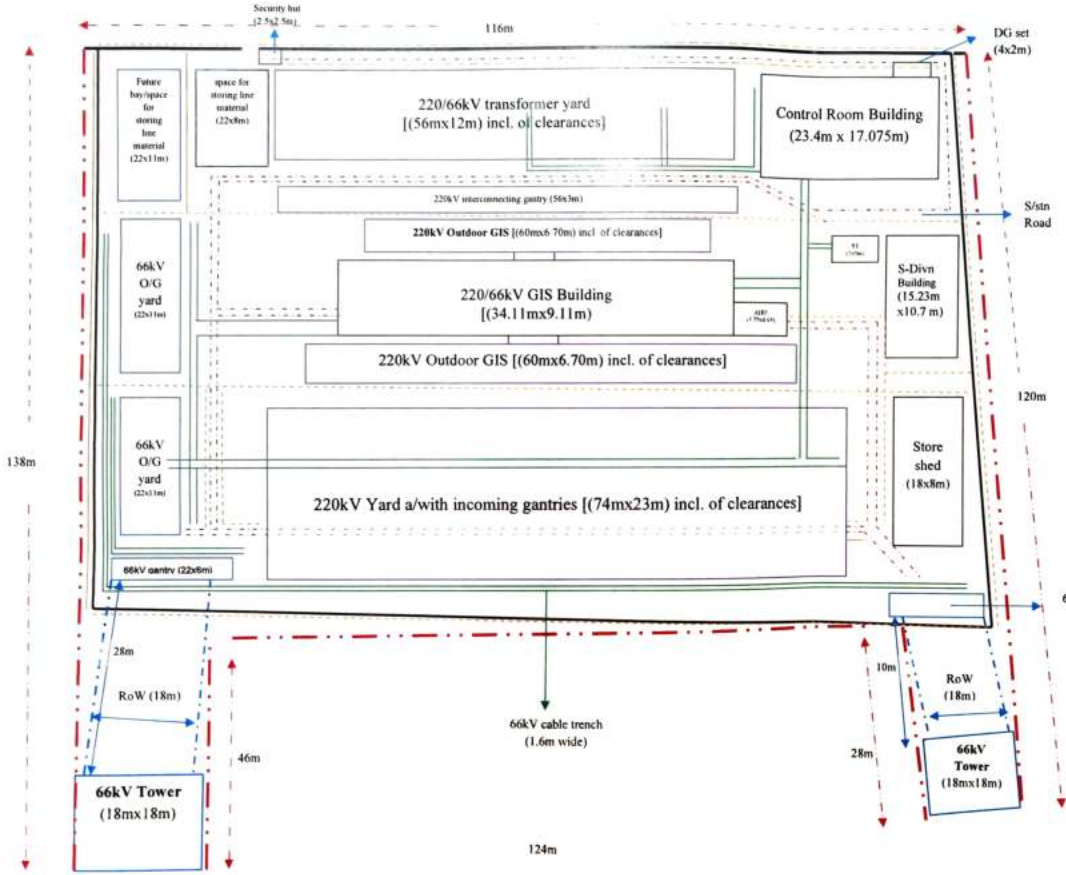
Sr. Executive Engineer,
Electrical System Division,
HPSEBL, Totu - Shimla -11.

Superintending Engineer
Electrical System Circle
HPSEBL Totu Shimla-11

Assistant Engineer, Gde
A.M. Sub-Division, HPSEB Ltd.,
Totu, Shimla-171011

ANN-G

PROPOSED GENERAL LAYOUT/BLOCK DIAGRAM OF 220/66kV GIS SUB-STATION AT NADUKHAR



— . —	OUTER BOUNDARY OF LAND PROPOSED FOR DIVERSION
———	SUB-STATION BOUNDARY
- - -	INTERCONNECTING ROAD FOR SUB-STATION BENCHES
———	220kV YARD & EQUIPMENT
———	66kV YARD & EQUIPMENT INCLUDING GANTIRES & TOWERS
— - —	66kV RIGHT OF WAY
———	BUILDINGS (GIS, CONTROL ROOM, SUB-DIVISION, STORE SHED, DG SET, STATION TRANSFORMER, AIR HANDLING UNIT)
———	POWER & CONTROL CABLE TRENCHES OF DIFFERENT SIZE (Outside =1.9 & inside = 1.6m)+ (Outside =1.1 & inside = 0.8m)
·····	BREAST/RETAINING WALLS

C/S

Divisional Forest Officer
Shimla Forest Division

Sr. Executive Engineer,
Electrical System Division,
HPSEBL, Totu - Shimla -11.

Ann-II

(84)

Annexture-I

अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006

वन अधिकार समिति

ग्राम सभा नडुरवट

प्रतिलिपी प्रस्ताव

प्रस्ताव संख्या..... दिनांक 15-10-2019

वन अधिकारी समिति ग्राम सभा नडुरवट की बैठक आज दिनांक 15-10-2019 को 11:00AM बजे स्थान नडुरवट में श्री/ श्रीमति हेमराज शर्मा (प्रधान) की अध्यक्षता मे की गई जिसमें नडुरवट गांव की अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम,2006 के अन्तर्गत नडुरवट जंगल / वन क्षेत्र में (जिसमें हि०प्र०वि०वि० विभाग द्वारा 220/66kv ** विद्युत उपकेन्द्र के निर्माण के लिए 2-89-75 हैक्टेयर वन भूमि के उपयोग की मंजूरी प्रस्तावित है।) वन अधिकारों के लिए दावे हेतु प्राप्त हुए ग्राम वासियो के वन अधिकारों के आवेदनों पर चर्चा की गई । वन अधिकारों के सम्बन्ध में प्रस्तुत दस्तावेजों के अध्ययन तथा उस पर विस्तृत चर्चा के उपरान्त वन अधिकार समिति सभा द्वारा निम्न लिखित पात्रों का दावा नियमानुसार सही पाया गया --

प्रधान / सचिव
वन अधिकार समिति
राजस्व ग्राम नडुरवट
ग्राम पंचायत बसन्तपुर

क्रमांक	पात्र गांव वासी का नाम	जंगल का नाम
1	[illegible]	नडुरवट
2	[illegible]	

अतः सर्व वन अधिकार समिति इस दावे/ इन दावों को पारित करने हेतु ग्राम सभा मे इसकी सिफारिश करती है।

उपरोक्त में से लिखित पात्रों का दावा नियमानुसार सही नही पाया गया :-

क्रमांक	*पात्र गांव वासी का नाम	
1	सुरेन्द्र सिंह S/o लक्ष्मी सिंह	नडुरवट
2	नदीम कुमार S/o श्री गोपाल चन्द	नडुरवट

अतः सर्व ग्राम सभा इन दावे/ इन दावों को पारित निरस्त करने की सिफारिश करती है।

या

..... जंगल / वन क्षेत्र में कोई भी वन अधिकार का दावा प्राप्त नहीं हुआ।

प्रधान / सचिव
अधिकार हस्ताक्षरकर्ता
वन समिति नडुरवट
राजस्व ग्राम नडुरवट
ग्राम पंचायत बसन्तपुर

स्थान नडुरवट
दिनांक 15-10-2019

* अनुसूचित जनजाति ग्राम वासीयो के नाम जिन्होने इस वन क्षेत्र / जंगल में वन अधिकार के दावे को किया है।

** नडुरवट / क्षेत्र का नाम जिसके लिए वन (संरक्षण) अधिनियम, 1980 के अन्तर्गत वन भूमि के उपयोग की अनुमति दी जानी है।

99

(85)

Annexture-V

अनुसूचित जनजाति और अन्य परम्परगत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006

ग्राम सभा ......नडुरवर...............................

विकास खण्ड ......बसन्तपुर...... जिला ......शिमला...... (हि०प्र०)

प्रतिलिपी प्रस्ताव

दिनांक 15-10-2019

प्रस्ताव संख्या पॉच (5)

गणपूर्ति .... / ....

विषय: विद्युत उपकेन्द्र निर्माण हेतु विभाग / संस्था को 220/132/66 KV Sub Station के निर्माण । हेतु नडुरवर ...... जंगल / वन क्षेत्र में प्रस्तावित 2-89-75 हैक्टेयर वन भूमि के उपयोग की मंजूरी के लिए सहमति प्रदान करने हेतु।

ग्राम सभा ......नडुरवर...... की बैठक आज दिनाक 15-10-19 को 11 बजे, स्थान नडुरवर की गई, जिसमें विद्युत विभाग को वि०...... विभाग / संस्था को 220/66 KV उपकेन्द्र के निर्माण हेतु नडुरवर ...... जंगल / वन क्षेत्र में प्रस्तावित 2-89-75 हैक्टेयर वन भूमि के उपयोग की मंजूरी के लिए सहमति प्रदान करने पर चर्चा की गई है।

सभी ग्रामवासियों ने संबधिंत वन भूमि के प्रस्तावित कार्य हेतू उपयोग के उद्देश्यों को पूरी तरह समझने के बाद सर्व सम्मति से यह निर्णय लिया कि यह ग्राम सभा उपरोक्त प्रस्ताव के लिए वन भूमि दिए जाने पर सहमत है।

ग्राम सभा की इस बैठक में अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारो की मान्यता अधिनियम, 2006 के अनतर्गत वन अधिकारों के दावों के निपटारें पर भी चर्चा की गई तथा सर्व सम्मति से यह पारित किया गया कि उपरोक्त अधिनियम के अन्तर्गत वन अधिकारों के दावों के निपटारे सम्बन्धित सारी प्रकिया पूरी की जा रही है / कर ली है तथा प्रस्तावित 2-89-75 हैक्टयर वन भूमि को खसरा नं० 467/1 ...... निर्माण हेतू उपयोग के लिए ग्राम सभा ......नडुरवर...... की सहमति दी जाती है।

स्थान ......नडुरवर

दिनांक 15-10-19

प्रधान / सचिव

अधीकृत हस्ताक्षरकर्ता

ग्राम सभा......

ग्राम पंचायत ......

आज दिनांक 15/10/19 को वनाधिकार समिति ग्राम नड्डवर की बैठक श्री हेमराज सिंह प्रधान वन समिति की अध्यक्षता में सम्पन्न हुई उक्त बैठक में सर्वसम्मति से निर्णय लिया गया कि ग्राम नड्डवर में ख0न0 467 की सरकारी भूमि में से यदि कुछ भूमि विद्युत विभाग को 220/132/66 K.V विद्युत उप केन्द्र के निर्माण हेतु हस्तान्तरण की जाती है, तो वनाधिकार समिति नड्डवर को कोई आपत्ति नहीं है।

Sharma

प्रधान/सचिव, वनाधिकार समिति
प्रधान/सचिव
वन अधिकार समिति SD वेरनपुर
राजस्व ग्राम नड्डवर
ग्राम पंचायत वेरनपुर

Joint Secy
सचिव
जोगिन्द्र सिंह
प्रधान/सचिव
वन अधिकार समिति SD
राजस्व ग्राम नड्डवर
ग्राम पंचायत वेरनपुर
जिला - चम्बा

15-10

ग्राम सुधार सभा नड़ूखर

रजि० नं०-39/2011

(87)

ग्राम पंचायत बसन्तपुर डा० बसन्तपुर, तह० सुन्नी, जिला शिमला, हि०प्र०

प्रधान	उप प्रधान	सचिव	कोषाध्यक्ष
विरेन्द्र सिंह कंवर	तेज सिंह कंवर	हेम राज शर्मा	विरेन्द्र सिंह कंवर
दूरभाष:- 94180-50803	दूरभाष:- 98172-54085	दूरभाष:- 98160-74754	दूरभाष:- 98171-80976

क्रमांक संख्या G.S.S.N.- 42

दिनांक 15-9-2019

आज दिनांक 15-9-2019 को ग्राम सुधार सभा नड़ूखर की बैठक प्रधान की अध्यक्षता में सम्पन्न हुई। इस बैठक में सर्व सम्पति से निर्णय लिया गया की ग्राम नड़ूखर से ख०न० 467 की सरकारी भूमि में से यदि कुछ भूमि विधुत विभाग को 220/132/66 KV विधुत उप केन्द्र के निर्माण हेतु स्थानान्तरित की जाती है तो ग्राम सभा सुधार समिति नड़ूखर को कोई आपति नही है।

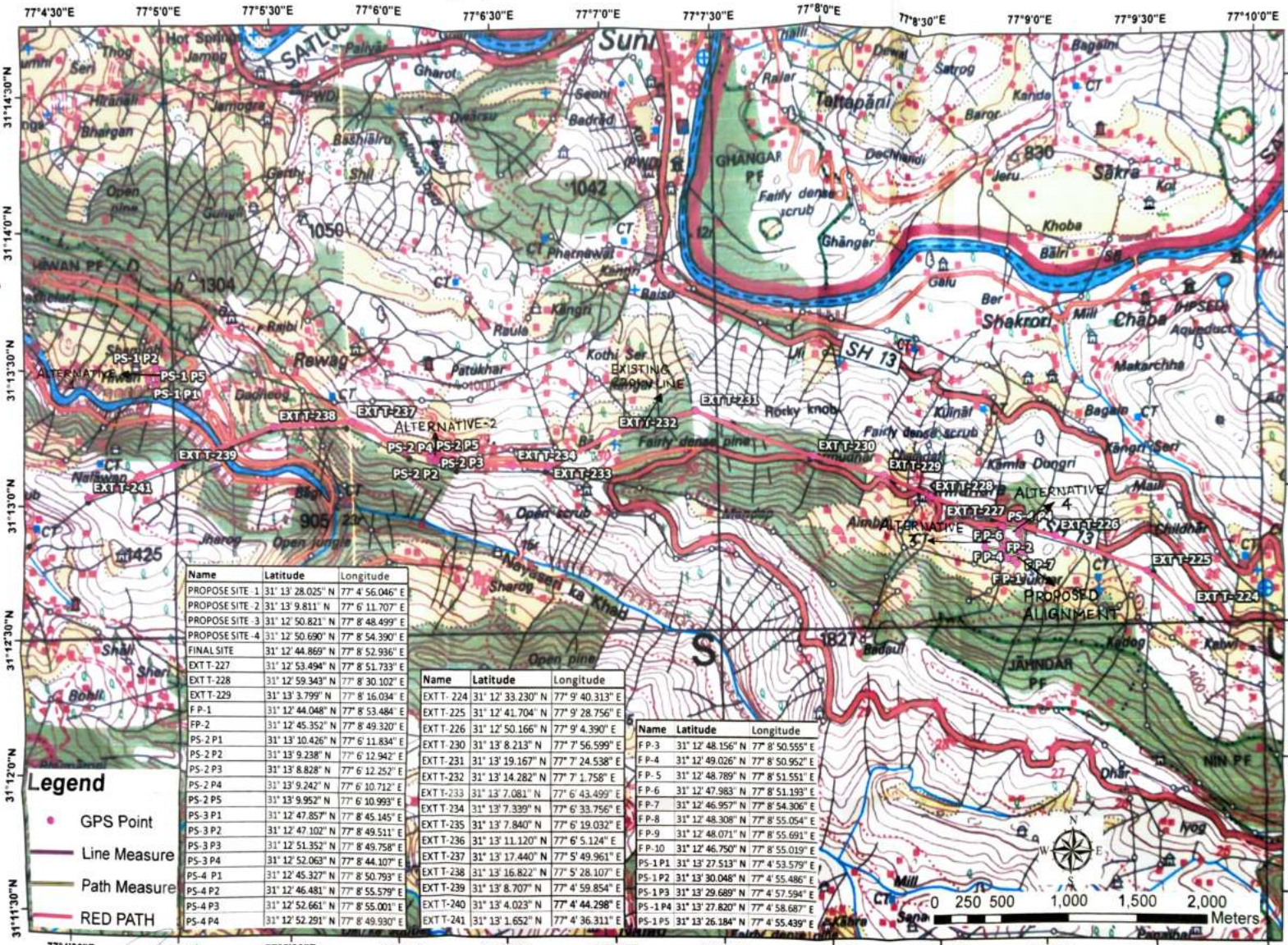
Sharma

(सचिव)
ग्राम सुधार सभा नड़ूखर
ग्राम पंचायत बसन्तपुर डा० बसन्तपुर
तह० सुन्नी, जिला शिमला हि०प्र०

03-14

	नाम	हस्ताक्षर	फोन no
1.	जोगिन्दर सिंह	Jogindar Singh	9816403642
2.	Mehar Singh		
3.	Gambhir Singh	Mehar Singh	97367-48137
4.			9603698809
(5)	Jagmohan Singh		9872115016
	Wakil Ranveer		98175-77212
(6)	Attar singh Kumar		8628848383
(7)	Surinder singh		7807437805
(8)	Jadaun enclaves		94184-60561
9	हमीर सिंह		9817847025
10	Parinder Singh		9817182828
11	Maharaj Singh		8219893312
12	ISHWER singh		8262029502
13	Kapil Singh		8219347638
14	Rafi Ahmad		8988624955
15	Bhagat Ram		9816411061
16	Santosh Kumar		9459824815
17	Bharat Singh		8988230563
18	Narain Singh		7831981619
19	Jagdish singh		
20.	Rajender singh.	Rajender singh.	8292597512
21	Lal singh.		
22	Dilip kumar	Dilip kumar	9817190055
23	शेर चन्द	शेर चन्द	

Topographical Map of Nadukhar Sub-Station



Name	Latitude	Longitude
PROPOSE SITE -1	31° 13' 28.025" N	77° 4' 56.046" E
PROPOSE SITE -2	31° 13' 9.811" N	77° 6' 11.707" E
PROPOSE SITE -3	31° 12' 50.821" N	77° 8' 48.499" E
PROPOSE SITE -4	31° 12' 50.690" N	77° 8' 54.390" E
FINAL SITE	31° 12' 44.869" N	77° 8' 52.936" E
EXT T-227	31° 12' 53.494" N	77° 8' 51.733" E
EXT T-228	31° 12' 59.343" N	77° 8' 30.102" E
EXT T-229	31° 13' 3.799" N	77° 8' 16.034" E
F P-1	31° 12' 44.048" N	77° 8' 53.484" E
FP-2	31° 12' 45.352" N	77° 8' 49.320" E
PS-2 P1	31° 13' 10.426" N	77° 6' 11.834" E
PS-2 P2	31° 13' 9.238" N	77° 6' 12.942" E
PS-2 P3	31° 13' 8.828" N	77° 6' 12.252" E
PS-2 P4	31° 13' 9.242" N	77° 6' 10.712" E
PS-2 P5	31° 13' 9.952" N	77° 6' 10.993" E
PS-3 P1	31° 12' 47.857" N	77° 8' 45.145" E
PS-3 P2	31° 12' 47.102" N	77° 8' 49.511" E
PS-3 P3	31° 12' 51.352" N	77° 8' 49.758" E
PS-3 P4	31° 12' 52.063" N	77° 8' 44.107" E
PS-4 P1	31° 12' 45.327" N	77° 8' 50.793" E
PS-4 P2	31° 12' 46.481" N	77° 8' 55.579" E
PS-4 P3	31° 12' 52.661" N	77° 8' 55.001" E
PS-4 P4	31° 12' 52.291" N	77° 8' 49.930" E

Name	Latitude	Longitude
EXT T- 224	31° 12' 33.230" N	77° 9' 40.313" E
EXT T-225	31° 12' 41.704" N	77° 9' 28.756" E
EXT T-226	31° 12' 50.166" N	77° 9' 4.390" E
EXT T-230	31° 13' 8.213" N	77° 7' 56.599" E
EXT T-231	31° 13' 19.167" N	77° 7' 24.538" E
EXT T-232	31° 13' 14.282" N	77° 7' 1.758" E
EXT T-233	31° 13' 7.081" N	77° 6' 43.499" E
EXT T-234	31° 13' 7.339" N	77° 6' 33.756" E
EXT T-235	31° 13' 7.840" N	77° 6' 19.032" E
EXT T-236	31° 13' 11.120" N	77° 6' 5.124" E
EXT T-237	31° 13' 17.440" N	77° 5' 49.961" E
EXT T-238	31° 13' 16.822" N	77° 5' 28.107" E
EXT T-239	31° 13' 8.707" N	77° 4' 59.854" E
EXT T-240	31° 13' 4.023" N	77° 4' 44.298" E
EXT T-241	31° 13' 1.652" N	77° 4' 36.311" E

Name	Latitude	Longitude
F P-3	31° 12' 48.156" N	77° 8' 50.555" E
F P-4	31° 12' 49.026" N	77° 8' 50.952" E
F P-5	31° 12' 48.789" N	77° 8' 51.551" E
F P-6	31° 12' 47.983" N	77° 8' 51.193" E
F P-7	31° 12' 46.957" N	77° 8' 54.306" E
F P-8	31° 12' 48.308" N	77° 8' 55.054" E
F P-9	31° 12' 48.071" N	77° 8' 55.691" E
F P-10	31° 12' 46.750" N	77° 8' 55.019" E
PS-1 P1	31° 13' 27.513" N	77° 4' 53.579" E
PS-1 P2	31° 13' 30.048" N	77° 4' 55.486" E
PS-1 P3	31° 13' 29.689" N	77° 4' 57.594" E
PS-1 P4	31° 13' 27.820" N	77° 4' 58.687" E
PS-1 P5	31° 13' 26.184" N	77° 4' 55.439" E

Sr. Executive Engineer,
Electrical System Division,
HPSEBL Totu - Shimla -11

ANN- J.

(98)

सेवा में

सचिव, वरि० अधिशासी अभियन्ता,
हिमाचल प्रदेश राज्य विद्युत बोर्ड,
शिमला।

विषयः— गांव नडूखर, पंचायत बंसतपुर तहसील सुन्नी जिला शिमला में राज्य विद्युत बोर्ड का ग्रीड बनाने के लिए अनापति प्रमाण पत्र और मांग पत्र बारे ।

महोदय,

सविनय निवेदन यह है कि हिमाचल प्रदेश राज्य विद्युत बोर्ड गांव नडूखर, पंचायत बंसतपुर, तहसील सुन्नी, जिला शिमला में 14 बिघे पर खसरा न0 467 में राज्य विद्युत बोर्ड का ग्रीड बनाने जा रहा है। राज्य विद्युत बोर्ड ने उक्त गांव में विद्युत बोर्ड का ग्रीड बनाने के लोगों से अनापति प्रमाण पत्र मांगा है। इस गांव के लोगों की कुछ जायज मांगे और जरूरतें है। इसलिए, गांव नडूखर के लोग 14 बिघे पर खसरा न0 467 में राज्य विद्युत बोर्ड का "ग्रीड बनाने के लिए निम्नलिखित जायज मांगों को पूरा करने का **लिखित में पत्र देने की शर्त** पर अनापति प्रमाण पत्र देता हैः

1 गांव नडूखर और समीप गांव के लोगों को निशुल्क में बिजली प्रदान की जाए।
2 गांव नडूखर में राज्य विद्युत बोर्ड का ग्रीड बनाने के लिए कार्यालय और कर्मचारियों के क्वाटर केवल गांव नडूखर के लोगों से ही लिए जाए।

Recd.
25/10/19

—2—

MB-8 94

3 गांव नडूखर में राज्य विद्युत बोर्ड का ग्रीड बनाने के लिए उप ठेके उक्त गांव के लोगो को ही दिए जाए।

4 गांव नडूखर के लागों को विशेष रूप में रोजगार दिया जाए।

5 गांव नडूखर के समीप खेल मैदान में रिटेनिग वाल लगाई जाए और खेल मैदान को बडा और अच्छा बनाया जाए।

6 गांव नडूखर मे सामुदायिक भवन बनाया जाए।

7 गांव नडूखर में 14 बिघे पर राज्य विद्युत बोर्ड का ग्रीड बनाने से जो वेस्ट मैटियल जैसे मिटटी और पथ्थर को ले जाने के लिए उक्त गांव के लोगों के ट्रक/गाडियां लगाई जाएं। यदि गांव के लोगों के पास उपयुक्त ट्रक उपलब्ध नही होगे, ऐसी स्थिति में इस उदेश्य के लिए अन्य लोगों के ट्रक से टोकल मनी रूपये 200 प्रति माह लेकर ग्राम कमेटी, नडूखर को दिया जाए।

8 पानी लाने के लिए टेकर गांव नडूखर के लोगों से ही लिए जाए।

9 राजकीय प्राथमिक पाठशाला, नडूखर से गांव नडूखर तक बने रास्ते को पक्का किया जाए और इस रास्त में रैलिग भी लगाई जाए।

10 नडूखर सडक को पक्का बनाया जाए।

भवदीय,

सचिव
Sharma
ग्राम कमेटी नडूखर

प्रधान Ka Sarpanch Sahab
ग्राम कमेटी, नडूखर
पंचायत बंसतपुर तहसील सुन्नी
जिला शिमला।

दिनांकः 20–10–2019

	नाम	हस्ताक्षर	फोन no
1.	जोगिन्दर सिंह	Jogindar Singh	9816403642
2.	Mehar Singh		
3.	Gambhir Singh	Mehar Singh. Gambhir	97367-48137 9056988094
4.			
(5)	Jagmohan Singh		9653211506
	Wakil Kanwar	Kanwar	98175-77212
(6)	Attar singh Kunwar		8628848383
(7)	Surinder singh		7807437605
(8)	Jadwinder singh		94184-60561
9	[illegible]	H-1	9817817025
10	Parinder Singh		9817182828
11	Maha singh	Maha	8219893312
12	ISHWER singh		8262029502
13	Kapil Singh		8219347638
14	Rafi Ahmed		9988124955
15	Bhagat Ram		9816411061
16	Santosh Kumar		9459824915
17	Bharat Singh		9988230563
18	Narain Singh		7831981119
19	Jagdish singh		
20.	Rajender singh.	Rajender singh.	8292597512
21	Lal singh.		
22	Dilip kumar	Dilip kumar	9817190055
23	शेर चन्द		[illegible]

ANN-K

Calculation for Quantity of Earth Cutting				
Reduced Distance	Cross-Sectional Area (Sqm.)	Average Area (Sqm.)	Length (Mtr.)	Quantity (Cum.)
0.00	9.301			
10.00	60.218	34.760	10.000	347.595
13.00	83.558	71.888	3.000	215.664
13.00	76.208			
20.00	69.489	72.849	7.000	509.940
30.00	102.963	86.226	10.000	862.260
40.00	131.429	117.196	10.000	1171.960
50.00	139.081	135.255	10.000	1352.550
60.00	126.585	132.833	10.000	1328.330
70.00	130.918	128.752	10.000	1287.515
80.00	111.562	121.240	10.000	1212.400
90.00	115.823	113.693	10.000	1136.925
97.00	123.771	119.797	7.000	838.579
100.00	123.965	123.868	3.000	371.604
102.75	89.341	106.653	2.750	293.296
110.00	60.967	75.154	7.250	544.867
120.00	3.870	32.419	10.000	324.185
			Total Quantity of Cutting	11797.670

Calculation for Quantity of Earth Filling				
Reduced Distance	Cross-Sectional Area (Sqm.)	Average Area (Sqm.)	Length (Mtr.)	Quantity (Cum.)
0.00	123.476			
10.00	58.606	91.041	10.000	910.410
13.00	59.953	59.280	3.000	177.839
13.00	32.353			
20.00	43.857	38.105	7.000	266.735
30.00	16.545	30.201	10.000	302.010
40.00	7.314	11.930	10.000	119.295
50.00	13.727	10.521	10.000	105.205
60.00	16.209	14.968	10.000	149.680
70.00	48.669	32.439	10.000	324.390
80.00	91.564	70.117	10.000	701.165
90.00	160.278	125.921	10.000	1259.210
97.00	181.741	171.010	7.000	1197.067
100.00	75.459	128.600	3.000	385.800
102.75	226.174	150.817	2.750	414.745
110.00	237.396	231.785	7.250	1680.441
120.00	255.300	246.348	10.000	2463.480
			Total Quantity of Filling	10457.472

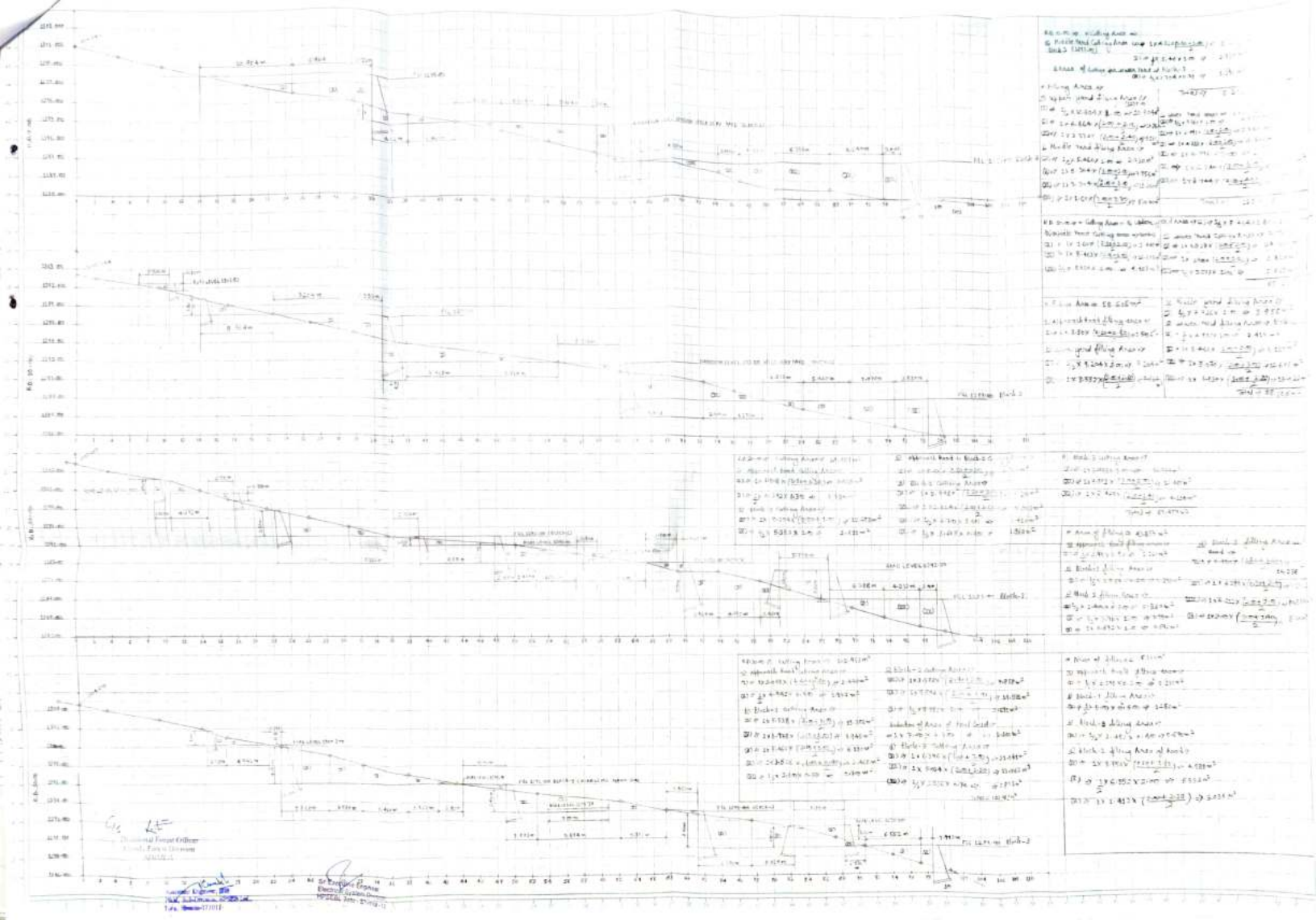
Calculation for Quantity of Earth Filling along Longituidnal Section of Road			
At Reduced Distance	Longituidnal Sectional Area (Sqm.)	Length (Mtr.)	Quantity (Cum.)
16.50	58.414	7.000	408.898
100.00	143.015	5.750	822.336
		Total Quantity of Filling	1231.234

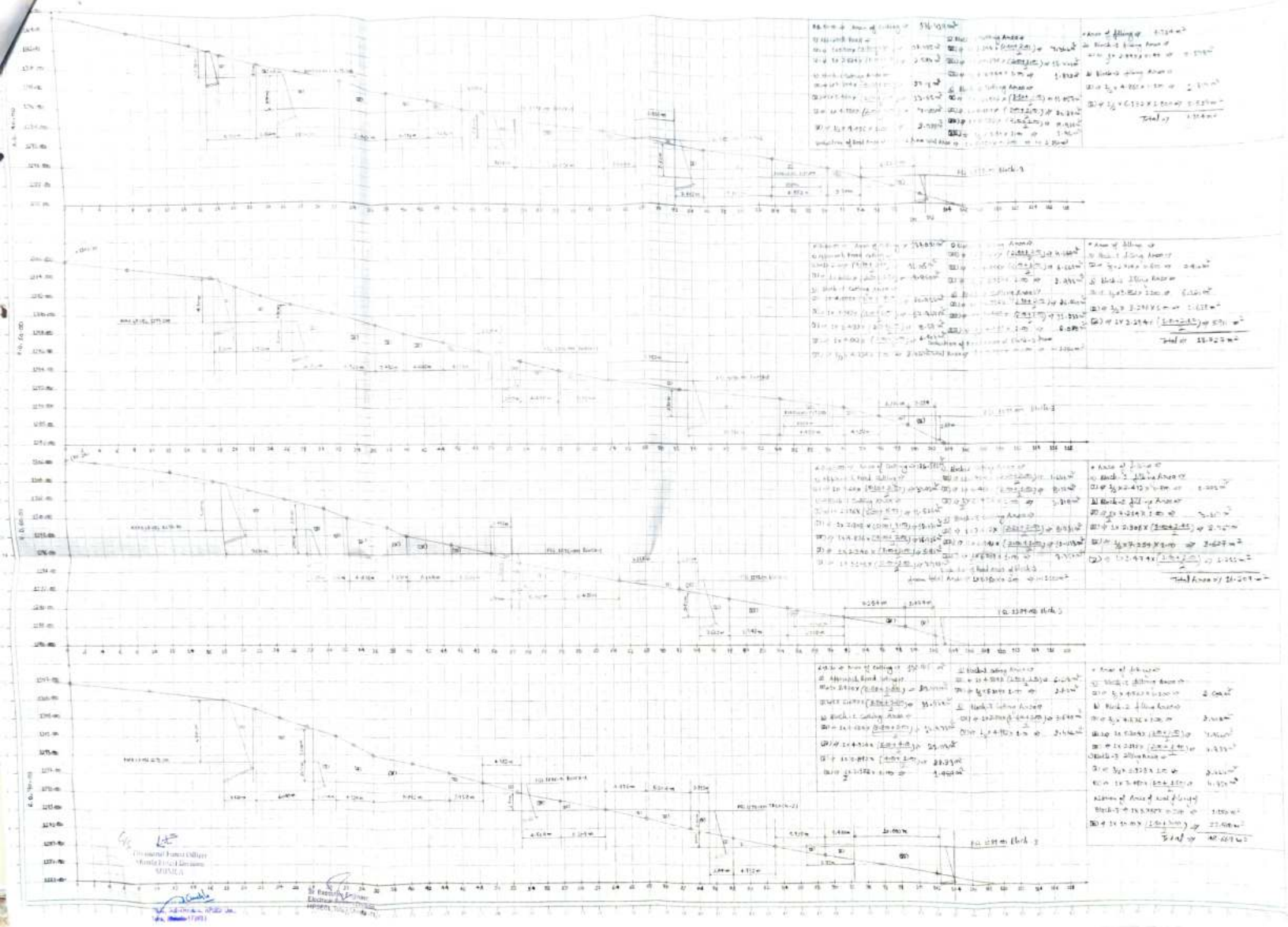
Assistant Engineer, [illegible]
P&M, Sub-Division, HPSEB Ltd.,
Totu, Shimla-171011

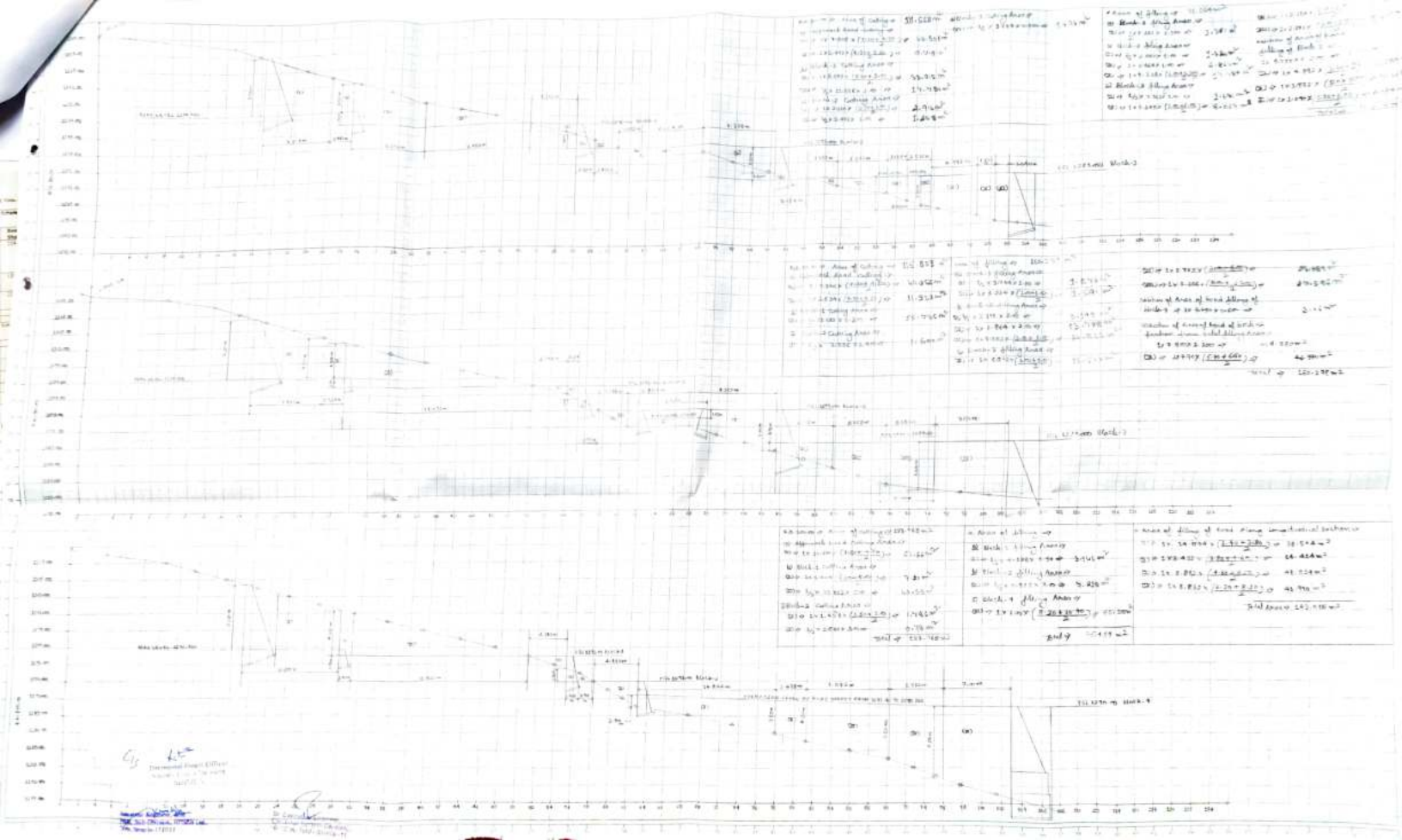
C/S

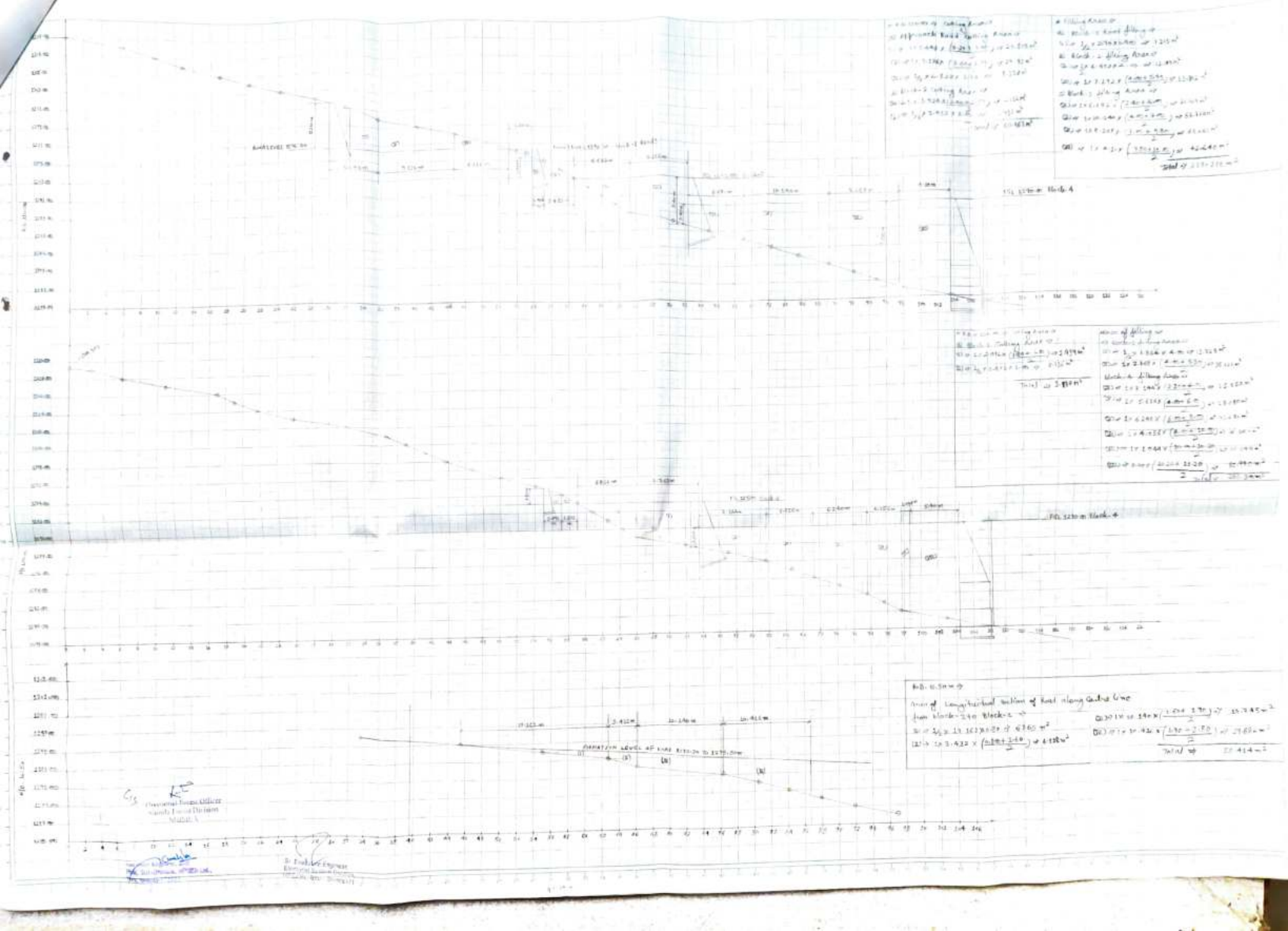
Shimla
SHIMLA

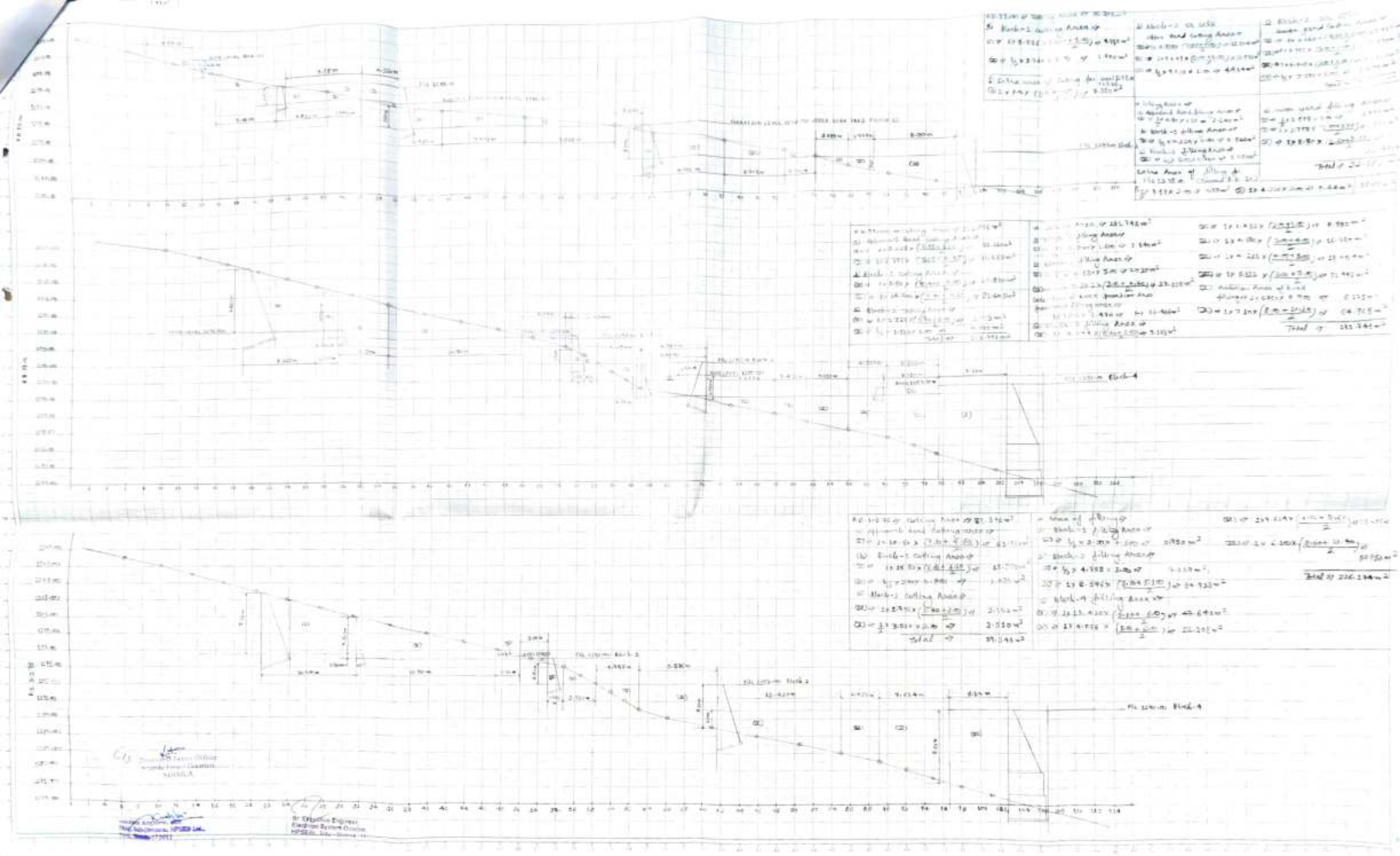
Sr. Executive Engineer,
Electrical System Division,
HPSEBL, Totu - Shimla -11.

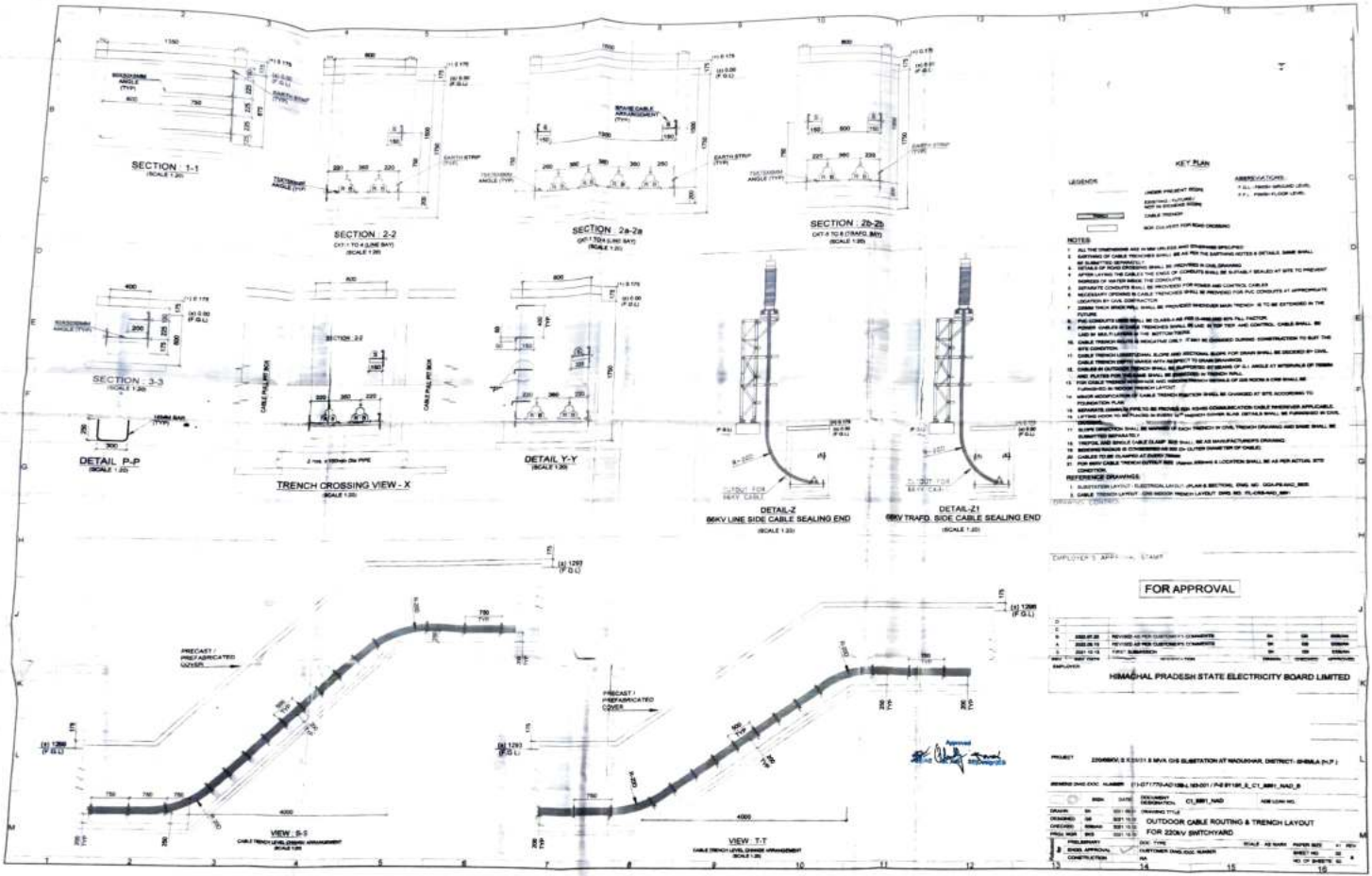






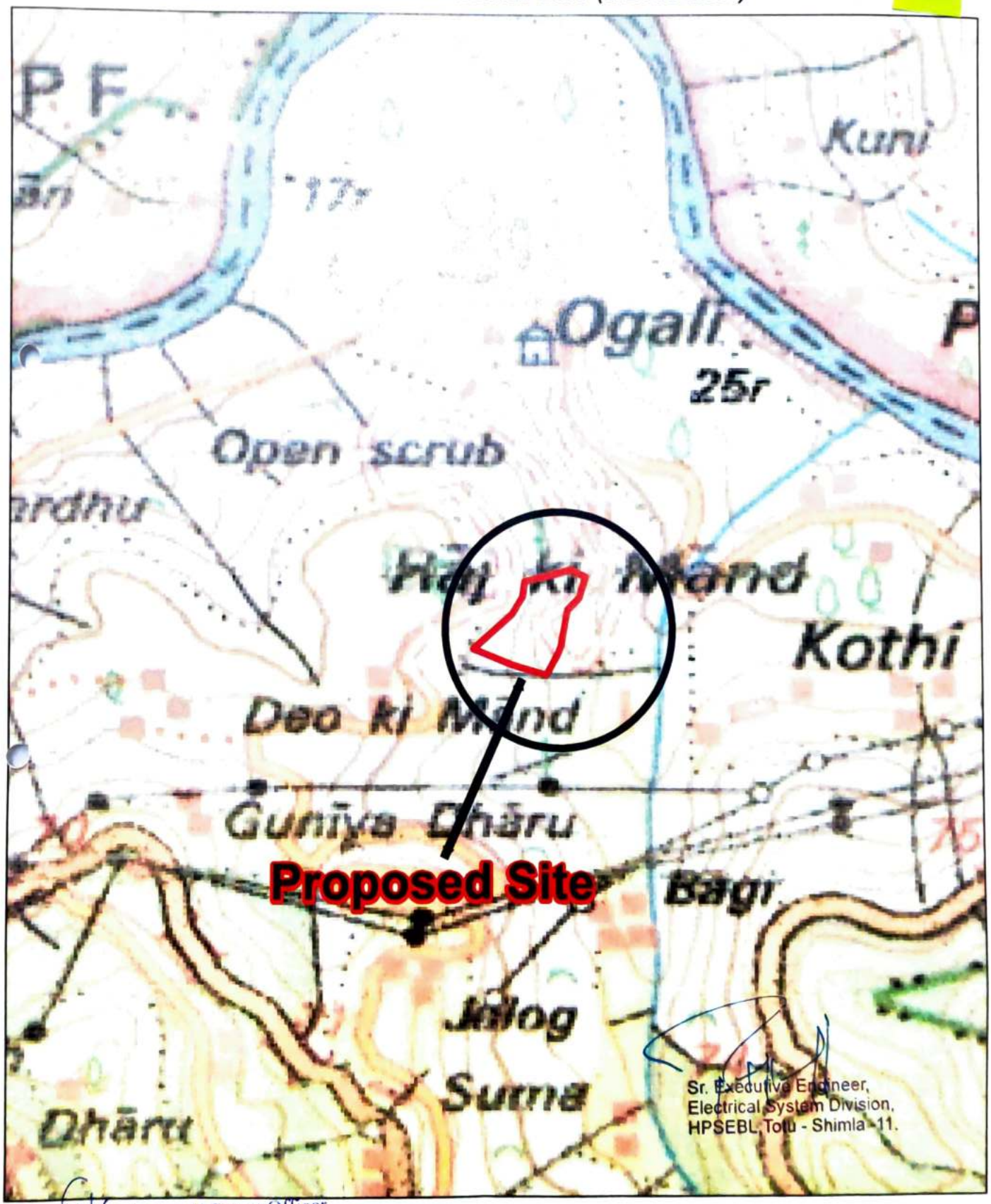





SECTION : 1-1
SECTION : 2-2
SECTION : 2a-2a
SECTION : 2b-2b
SECTION : 3-3
DETAIL P-P
TRENCH CROSSING VIEW - X
DETAIL Y-Y
DETAIL-Z
66KV LINE SIDE CABLE SEALING END
DETAIL-Z1
66KV TRAFO. SIDE CABLE SEALING END
KEY PLAN
LEGEND
ABBREVIATIONS
NOTES
REFERENCE DRAWINGS
FOR APPROVAL
HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED
OUTDOOR CABLE ROUTING & TRENCH LAYOUT
FOR 220kV SWITCHYARD
VIEW : S-S
VIEW : T-T

TOPOSHEET :-

Proposed CA Site 22066kv Sub-Station Nadukhar & 220kv LILO Tower for LILO of 220kv Bhaba-Kunihar Line (2.2666 Hect)



Divisional Forest Officer
Shimla Forest Division
SHIMLA

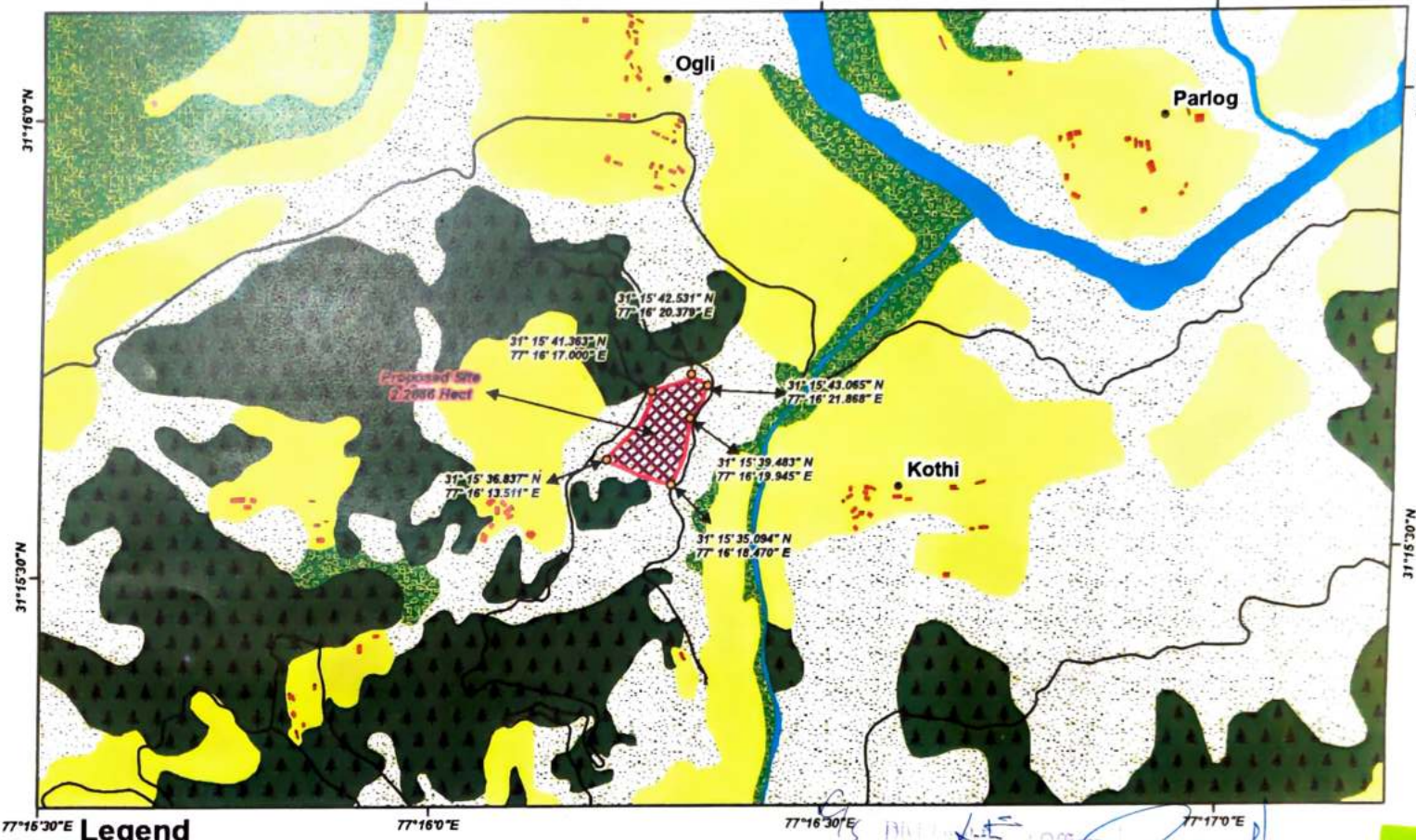
Index

Scale **1.50000**

Proposed Site

Toposheet No :- **H43F7**

Digital Landuse Map for C/O Proposed CA Site 22066kv Sub-Station Pandukhar & 220kv LILO Tower for LILO of 220kv Bhaba-Kunihar Line (2.2666 Hect)



Legend

- Existing Road
- Proposed Site
- Builtup
- Forest
- Open Land
- Private Land
- Shrubs
- Water Body

Sr. Executive Engineer,
Electrical System Division,
HPSEBL, Totu - Shimla -11.

ANN. M-1

Performa for Enumeration of Trees coming in the **Tower's Locations** for Construction of 66kV S/C transmission line from Proposed 220/66kV S/Stn. Nadukhar to Shakrori, in UPF Nadukhar and NDPF Basantpur in Basantpur Beat in Suni Forest Block.

Sr no	Name Of Land	Spp Names / Local names	Botanical Name	GPS Coordinate	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	More than 90	Total Trees	Vol.
1	**U-44 Nadukhar Tower no =2**	Daru	Punica granatum	N-31.12.904 E-077-08.822	Sap =16											
		Balojha			-		1								1	0.308 m3
	Tower no =3	Kainth	Pyrus pashia	N-31.12.939 E-077-08-.744	Sap=3											
		Baloja			Sap -1											
	Tower no- 4	Pvt land														
	Tower no -5	u-44 Nadukhar		N-31.13.276 E-077.08.301												
		Kachnar	Bahunia beregata		Sap -2											
		Shisham	Dalbergia sissoo		Sap -1											
	Tower no-6	Daru	Puica granatum	N-31.13.361 E077.08.308	Sap -1											
		Shisham	Dalbergia Sissoo			1									1	0.115 m3
	Tower no -7	Pvt land.														
	Tower no -8	U-26		N-31.13.616												

		Basantpur		E077.08.167												
		Shisham	Dalbergia sissoo	-	Sap-2	1	1								2	0.423 m3
		Kakar	Pistacia integirima				1								1	0.308 m3
		Darekh	Melia azederach			3	2								5	0.961 m3
		Baloja				1									1	0.115 m3
		Kainth	Pyrus Pashia			1									1	0.115 m3
		Khair	Acacia catechu		4											
		Lucinia	Leucaena leucocephala		3											
		Bihul	Gravia optiva		2											
		Baloja			4											
		Khirk	Celtis autrlis		1											

ABSTRACT (Tower 1 to 8)

Spp	Sapling/Tree	V	IV	III	IIA	IIB	IA	IB	IC	Total	Vol.
B/I	Sap-40									40	
B/I	Trees	7	5	-	-	-	-	-	-	12	2.345 m3

Total trees= 12 Nos

Total Sapling = 40

FIELD KANUNGO
CIRCLE SUNNI / KHATNOL
TEH SUNNI, DISTT. SHIMLA H.P.

Range Forest Officer
Bhajji, Forest Range Office
Sunni, Distt. Shimla (HP)

SITE INSPECTION REPORT REGARDING RE-CLASSIFICATION OF TREES/SAPLING (FELLING/NON-FELLING IN THE RIGHT OF WAY OG PROPOSED 66kV TRANSMISSION LINE FROM NADUKHAR TO SHAKRORI.

Consequent to observation raised by the Divisional Forest Officer, Shimla Forest Division, Shimla-2 vide letter No. FCA/3455 dated: 16.07.2022 with subsequent request made by Sr. Executive Engineer, ES Division, HPSEBL, Shimla to classify the trees/saplings (24 trees & 522 saplings) proposed for felling/non-felling in the RoW of proposed 66kV transmission line from Nadukhar to Shakrori a site inspection of the finalized line route was conducted by the officials of Forest Dept. & HPSEBL on 04.11.2022. During the site visit all the locations proposed for tower construction & the RoW of proposed 66kV transmission line were visited to re-classify (felling/non-felling) the trees in accordance with the request submitted by user agency. It was observed that 24 No. trees are proposed to be felled out of 24 No. trees of various categories mentioned in the tree enumeration list whereas 45 No. saplings out of 522 No. saplings shall be felled/trimmed in the transmission line's Right of Way. The revised tree enumeration list as per user agency's request is also enclosed with the report.

JE.(E)

Performa for Enumeration of Trees coming in the **Right of way (ROW)** for Construction of 66kV S/C transmission line from Proposed 220/66kV S/Stn. Nadukhar to Shakrori, in UPF Nadukhar and NDPF Basantpur in Basantpur Beat in Suni Forest Block.**(Revised Enumeration List of Trees/ Sapling to be felled.)**

Name Of Land	Spp Names / Local names	Botanical Name	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	More than 90	Total Trees	Vol.
Tower line from tower 1 to 2	Kainth	Pyrus pashia	Sap-5											
Tower line from tower 2 to 3	Kainth	Pyrus pashia	Sap-1											
	Khirk	Celtis autrlis	1											
	Baloja		5											
	Jharinu					1							1	0.685 m3
	Kakar	Pistacia integrimia		1	1				1				3	3.338 m3
Tower line from tower 3 to 4	Jharinu		1			1	3						4	4.408 m3
	Sambol	Bombex ceiba		1									1	0.115 m3
	Ban	Quercus leucotrichophora	1											
	Khirk	Celtis autrlis	1											
	Baloja		2											
	Kakar	Pistacia integrimia	0			1	1						2	1.926 m3

	Tower Line from tower 4 to 5	Chil	Pinus roxburghai		3	2	2	3	1	1	2	2			13	20.084 m3
		Shisham	Dalbergia sissoo		7											
		Kachnar	Bahunia beregata		15											
		Baloja			1											
		Kakar	Pistacia integrimia		2											
	Tower line From Tower 5 to 6 in Pvt Land															
	Tower line From Tower 6 to 7 in Pvt Line															
	Tower line from Tower 7 to 8 in Pvt land															

JE(E)

SDC Balpur Distt

BO Sun.

ABSTRACT of trees /saplings to be felled .

Spp	Tree/Sapling	V	IV	III	IIA	IIB	IA	IB	IC	Total Sap	Total Trees	Vol.
B/I	Sap- Kainth =6									6		
	Sap-Khirk=2									2		
	Sap-Baloja=8									8		
	Jharinu=1									1		
	Shisham= 7									7		
	Ban =1									1		
	Kakar =2									2		
	Sap =Kachnar=15									15		
	Sap –Chil=3									3		
B/L		2	1	3	4	-	1				11	10.472m3
Chil		2	2	3	1	1	2	2			13	20.084 m3
									Total	47	24	30.556 m3

Total trees= 24 Nos

Total Sapling = 45 nos

Range Forest Officer
Dhajji, Forest Range Office
Sunni, Distt. Shimla (HP)

Performa for Enumeration of Trees coming in the **Right of way (ROW)** for Construction of 66kV S/C transmission line [illegible]
220/66kV S/Stn. Nadukhar to Shakrori, in UPF Nadukhar and NDPF Basantpur in Basantpur Beat in Suni Forest Block.(**Revised Enumeration List of Trees/ Sapling not to be felled.)**

	Name Of Land	Spp Names / Local names	Botanical Name		0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	More than 90	Total Trees	Total sapling
	Tower line from tower 1 to 2	Daru	Punica grantum		349											349
	Tower line from tower 2 to 3	Daru	Punica granatum		105											105
	Tower line from tower 3 to 4	Daru	Punica granatum		15											15
	Tower Line from tower 4 to 5	Daru	Punica granatum		5											5

	Tower line From Tower 5 to 6 in Pvt Land														
	Tower line From Tower 6 to 7 in Pvt Line														
	Tower line from Tower 7 to 8 in Pvt land														

Total saplings will be retained =477 nos

Range Forest Officer
Bhajji, Forest Range Office
Sunni, Distt. Shimla (HP)

Addl. M. - 2

Performa for Enumeration of Trees coming in the **Tower's Locations** for Construction of 66kV D/C transmission line from Proposed 220/66kV S/Stn.Nadukhar to existing 66/22kV S/Stn. Gumma, in UPF Nadukhar, NDPF Basantpur, in Basantpur Beat in Suni Forest Block.

Name Of Land	Spp Names / Local names	Botanical Name	GPS Coordinate	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	More than 90	Total Trees	Vol.
U-44 Nadukhar Tower No-2			N31.12.808 E077.08.979												
	Daru	Puica granatum		16											
	Baloja			4											
Tower No-3	Daru	Puica granatum	N31.12.854 E077.09.078	19											
	Baloja			2											
Tower No-4 to 6 P.vt Land				Bushes											
Tower No -7	Daru	Puica granatum	N-31.12.870 E077.10.040	3											
	Bihul	Gravia optiva		Sap-1 Lantana Bushes											
Tower No-8	Daru	Puica granatum	N-31.12.862 O77.10.130	Sap-1 Lantana Bushes											
Tower No-9 (Pvt Land)				Bushes											
Tower No - 10(Pvt Land)	Kainth	Pyrus Pashia		Sap-2											
Tower No-				Bushes											

11(Pvt Land)															
Tower No-12 (Pvt land)				Bushes											
Tower No-13			N31.12.666 E077.11.055	Bushes											
Tower No-14	Kainth	Pyrus Pashia	N31.12.602 E077.11.181	1											
	Kachnar	Bahunia beregata		1											
	Kakar	Pistacia integirima		1											
Tower No-15	Kainth	Pyrus Pashia	N31.12.591 E077.11.246	4											
	Lucinia	Lucina psydocacia		1											
	Daru	Puica granatum		2											
Tower No-16	CHIL	Pinus roxburghai	N-31.12.360 E-077-11.645			1									0.308
	Kainth	Pyrus Pashia		1											
	Lucinia	Lucina psydocacia		1											

ABSTRACT for trees coming in the proposed Forest Land for Tower's Location's (Tower No. 1 to 16)

Spp	Sapling/Tree	V	IV	III	IIA	IIB	IA	IB	IC	Total	Vol.
B/I	Sap-61									61	
chil			1							1	0.308

Total trees= 1 Nos

Total Sapling = 61

FIELD KANUNGO
CIRCLE SUNNI / KHATNOL
TEH SUNNI, DISTT. SHIMLA H.P.

Range Forest Officer

Electrical System Division

Performa for Enumeration of Trees coming in the **Right of way (ROW)** for Construction of 66kV D/C transmission line from Proposed 220/66kV S/Stn. Nadukhar to existing 66/22kV S/Stn. Gumma, in UPF Nadukhar, NDPF Basantpur, in Basantpur Beat in Suni Forest Block.

Sr.No	Name Of Land	Spp Names / Local names	Botanical Name	GPS Coordinate	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	More than 90	Total Trees	Vol.
	Tower line from Tower 1 to 2	Kakar	Pistacia integrima						1						1	0.685 m3
		Baloja			4											
		Kainth	Pirus pashia		2											
		Daru	Puica granatum		286											
	Tower line from Tower 2 to 3															
		Kakar	Pistacia integrima									1			1	2.915 m3
		Baloja			2											
		Daru	Puica granatum		156											
	Tower line From tower 3 to 4															
		Kakar	Pistacia integrima		3				2						2	1.37 m3
		Lucinia	Lucina psydocacia		2											
		Jharinu			6											
		Baloja			1											
		Shambol	Bombex ceiba		1											

		Khirk	Celtis autrlis		1											
		Daru	Puica granatum		32											
Tower line From tower 4 to 5 in Pvt Land																
Tower line From tower 5 to 6 in Pvt Land																
Tower line From tower 6 to 7 in Pvt Land																
	Tower line From tower 7 to 8															
		Daru	Punica granatum		5											
		Biwal	Gravia optiva		1											
		Lantana Bushes														
	Tower line From tower 8 to 9															
		Lantana Bushes														
	Tower line From tower 9 to 10 in pvt land															
	Tower line From tower 10 to 11 in															

	pvt land																
	Tower line From tower 11 to 12 in pvt land																
	Tower line From tower 12 to 13 in pvt land																
	Tower line From tower 13 to 14	Kakar	Pistacia integrima		1												
		Baloja			3												
		Chil	Pinus roxburghai		2												
		Sambol	Bombex ceiba		4												
		Khair	Acacia catechu		4												
		Shisham	Dalbergia sissoo		2												
		Lucinia	Lucina psydocacia		3												
		Kainth	Pirus pashia		2												
		Daru	Puica granatum		4												
		Kachnar	Bahunia beregata		1												
	Tower line From tower 14 to 15																
		Daru	Puica granatum		7												
		Kakar	Pistacia integrima		4												

		Bihul	Gravia optiva		3
		Khirk	Celtis autrlis		2
		Baloja			4
		Kachnar	Bahunia beregata		1
		Daru	Puica granatum		7
		Sambol	Bombex ceiba		1
		Kainth	Pirus pashia		2
	Tower line From tower 15 to 16				
		Bihul	Gravia optiva		2
		Lucinia	Lucina psydocacia		1
		Daru	Puica granatum		7
		Kainth	Pirus pashia		3
		Khirk	Celtis autrlis		7
		Shisham	Dalbergia sissoo		14
		Sambol	Bombex ceiba		1
		Kakar	Pistacia integrima		3
		Kachnar	Bahunia beregata		1

		Chil	Pinus roxburghai		1											
		Baloja			10									Total	4 Nos	4.97 m3

ABSTRACT

For trees coming in the **Right of way (ROW)** for Construction of 66kV D/C transmission line from Proposed 220/66kV S/Stn.Nadukhar to existing 66/22kV S/Stn. Gumma.

Spp	Sapling/Tree	V	IV	III	IIA	IIB	IA	IB	IC	Total	Vol.
B/I	Trees	-	-	3	-	-	1	-	-	4 Nos	4.97 m3
B/I	Sap - 609									609	
Chil	Sap- - 3									3	

Total trees= 4 Nos

Total Sapling = 612

FIELD KANUNGO
CIRCLE SUNNI / KHATNOL
TEH SUNNI, DISTT SHIMLA H.P.

Range Forest Officer
Bhajji, Forest Range Of
Sunni, Distt. Shimla (H.P.)

Enumeration list of trees standing upon the Tower's Location for construction of 66KV transmission line from proposed 220/66 KV Sub Station Nadukhar to existing 66/22kv Sub Station Gumma in U-158 Oddu on Kh.No. 26/1 of mohal Mandar in Naldehra beat, Mashobra block of Mashobra Forest Range. Detail As under:-

S.No.	Spp	Botanical Name	Dia	class	Remarks
1	Chil	Pinus roxburghii	41/42	IIA	Green Stand
2	(Kalha) B/L		16/17	V	Green Stand
3	(Kangu) B/L	Pongamia pinnata	16/17	V	Green Stand
4	Kachnar	bauhinia variegata	13/14	V	Green Stand
5	Kachnar	bauhinia variegata	14/15	V	Green Stand
6	Simble	Bombax ceiba	21/22	IV	Green Stand

ABSTRACT (TREES TO BE FELLED of TOWER NO. 17)

S.No.	species	Sap	V	IV	III	IIA	IIB	IA	Total
1	Chil	8	0	0	0	1	0	0	9
	Vol	0.584	0	0	0	1.276	0	0	1.86
2	B/L	1	4	1	0	0	0	0	6
	Vol	0.115	0.46	0.308	0	0	0	0	0.883
Total Trees(nos)		9	4	1	0	1	0	0	15
Total Vol.(m3)		0.699	0.46	0.308	0	1.276	0	0	2.743

Kanetam (Fsd)
Hc Naldehra
Beat

Executive Engineer,
Electrical System Division
HPSEB Ltd. Totu Shimla-12

Enumeration list of trees standing upon The Right of way (ROW) for construction of 66KV transmission line from proposed 220/66 KV Sub Station Nadukhar to existing 66/22kv Sub Station Gumma in U-158 Oddu on Kh.No. 26/2 of mohal Mandar in Naldehra beat, Mashobra block of Mashobra Forest Range. Detail As under:-

S.No.	Spp	Botanical Name	Dia	class	Remarks
1	Kachnar	bauhinia variegata	17/18	V	Green Stand
2	(Chopdu) B/L		15/16	V	Green Stand
3	(Bhloja) B/L		19/20	V	Green Stand
4	Simble	Bombax ceiba	14/15	V	Green Stand
5	(Chopdu) B/L		11/12.	V	Green Stand
6	(Kangu) B/L	Pongamia pinnata	11/12.	V	Green Stand
7	(Kurumuru) B/L		21/22	IV	Green Stand
8	(Shayama) B/L		21/22	IV	Green Stand
9	(Toong)B/L		26/27	IV	Dry Stand
10	Kachnar	bauhinia variegata	21/22	IV	Green Stand
11	(Toong)B/L		19/20	V	Dry Stand
12	(Toong)B/L		24/25	IV	Dry Stand
13	Kaamal		15/16	V	Green Stand
14	Kachnar	bauhinia variegata	14/15	V	Green Stand
15	Chil	Pinus roxburghii	37/38	III	Green Stand
16	(Chopdu) B/L		14/15	V	Green Stand
17	(Kurumuru) B/L		21/22	IV	Green Stand
18	(Bhloja) B/L		13/14	V	Green Stand
19	(Chopdu) B/L		13/14	V	Green Stand
20	(Kakkar) B/L	Pistacia integirima	51/52	IIB	Green Stand
21	Chil	Pinus roxburghii	18/19	V	Green Stand
22	Kachnar	bauhinia variegata	15/16	V	Green Stand
23	(Beul) B/L	Gravia optiva	21/22	IV	Green Stand

Enumeration list of trees standing upon The Right of way (ROW) for construction of 66KV transmission line from proposed 220/66 KV Sub Station Nadukhar to existing 66/22kv Sub Station Gumma in U-158 Oddu on Kh.No. 26/4 of mohal Mandar in Naldehra beat, Mashobra block of Mashobra Forest Range. Detail As under:-

S.No.	Spp	Botanical Name	Dia	class	Remarks
1	Kachnar	bauhinia variegata	21/22	IV	Green Stand
2	(Bhloja) B/L		22/23	IV	Green Stand
3	(Bhloja) B/L		15/16	V	Green Stand
4	(Kakkar). B/L	Pistacia integirima	21/22	IV	Green Stand
5	(Khirak) B/L	Celtis australis	15/16	V	Green Stand
6	(Bhloja) B/L		32/33	III	Dry Stand
7	(Alsh) B/L		11/12.	V	Green Stand
8	(Khirak) B/L	Celtis australis	15/16	V	Green Stand
9	(Chopdu) B/L		21/22	IV	Green Stand
10	(Khirak) B/L	Celtis australis	16/17	V	Green Stand
11	Kachnar	bauhinia variegata	14/15	V	Green Stand
12	(Kakkar) B/L	Pistacia integirima	31/32	III	Green Stand

ABSTRACT (TREES NOT TO BE FELLED of R.O.W. B/W Tower No. 18-19)

S.No.	species	Sapling	V	IV	III	IIA	IIB	IA	Total
1	B/L (G/s)	12	6	4	1	0	0	0	23
	Vol	1.38	0.69	1.232	0.685	0	0	0	3.987
2	B/L (D/s)	0	0	0	1	0	0	0	1
	Vol	0	0	0	0.685	0	0	0	0.685
Total Trees(nos)		12	6	4	2	0	0	0	24
Total Vol.(m3)		1.38	0.69	1.232	1.37	0	0	0	4.672

Kanchan (F.sa)
I/C Naldehra
Beat

Sr. Executive Engineer
Electrical System Division
HPSEB Ltd. Totu Shimla-9

Enumeration list of trees standing upon The Right of way (ROW) for construction of 66KV transmission line from proposed 220/66 KV Sub Station Nadukhar to existing 66/22kv Sub Station Gumma in U-158 Oddu on Kh.No. 39/1 of mohal Mandar in Naldehra beat, Mashobra block of Mashobra Forest Range. Detail As under:-

S.No.	Spp	Botanical Name	Dia	class	Remarks
1	B/L		29/30	IV	Green Stand
2	(Kakkar) B/L	Pistacia integirima	26/27	IV	Green Stand
3	Kachnar	bauhinia variegata	19/20	V	Green Stand
4	Chil	Pinus roxburghii	51/52	IIB	Green Stand
5	B/L		25/26	IV	Green Stand
6	B/L		22/23	IV	Green Stand
7	(Karu) B/L		18/19	V	Green Stand
8	Kachnar	bauhinia variegata	19/20	V	Green Stand

ABSTRACT (TREES NOT TO BE FELLED of R.O.W. B/W Tower No. 19-20)

S.No.	species	Sapling	V	IV	III	IIA	IIB	IA	Total
1	Chil	0	0	0	0	0	1	0	1
	Vol	0	0	0	0	0	2.015	0	2.015
1	B/L (G/s)	16	3	4	0	0	0	0	23
	Vol	1.84	0.345	1.232	0	0	0	0	3.417
Total Trees(nos)		**16**	**3**	**4**	**0**	**0**	**1**	**0**	**24**
Total Vol.(m3)		**1.84**	**0.345**	**1.232**	**0**	**0**	**2.015**	**0**	**5.432**

Kanchan (F.Rd)
HC Naldehra
Beat

Sr. Executive Engineer
Electrical System Divsn.
HPSEB Ltd. Tara Sharan

24	(Beul) B/L	Gravia optiva	18/19	V	Green Stand
25	(Shirsh) B/L	Albizia lebbeck	26/27	IV	Green Stand
26	(Kachnar) B/L	bauhinia variegata	18/19	V	Green Stand
27	(Kimmu) B/L		35/36	III	Green Stand
28	(Beul) B/L	Gravia optiva	24/25	IV	Green Stand
29	(Kimmu) B/L		38/39	III	Dry Stand
30	(Kimmu) B/L		18/19	V	Dry Stand
31	(Chopdu) B/L		18/19	V	Green Stand
32	(Shinger) B/L		25/26	IV	Green Stand
33	(Shinger) B/L		32/33	III	Green Stand
34	(Shinger) B/L		14/15	V	Green Stand
35	(Shinger) B/L		17/18	V	Green Stand
36	(Kakkar) B/L	Pistacia integirima	12/13.	V	Green Stand

ABSTRACT (TREES NOT TO BE FELLED of R.O.W. B/W Tower No. 17-18)

S.No.	species	Sapling	V	IV	III	IIA	IIB	IA	Total
1	Chil	0	1	0	1	0	1	0	3
	Vol	0	0.073	0	0.711	0	2.015	0	2.799
2	B/L (G/s)	20	18	9	2	0	0	0	49
	Vol	2.3	2.07	2.772	1.37	0	0	0	8.512
3	B/L (D/s)	0	2	1	1	0	0	0	4
	Vol	0	0.23	0.308	0.685	0	0	0	1.223
Total Trees(nos)		20	21	10	4	0	1	0	56
Total Vol.(m3)		2.3	2.373	3.08	2.766	0	2.015	0	12.534

ग्रामीण मेल
पटवार
तहसील शिमला (ग्रा.)
शिमला (हि.प्र.)

Kanchan C.f.s.d
I/c Nalagarh
Beat

Sr. Executive Engineer
Electrical System Division
HPSEB Ltd. Totu Shimla-

Enumeration list of trees standing upon the Tower's Location for construction of 66KV transmission line from proposed 220/66 KV Sub Station Nadukhar to existing 66/22kv Sub Station Gumma in U-158 Oddu on Kh.No. 26/3 of mohal Mandar in Naldehra beat, Mashobra block of Mashobra Forest Range. Detail As under:-

S.No.	Spp	Botanical Name	Dia	class	Remarks
1	(Kakkar) B/L	Pistacia integirima	12/13.	V	Green Stand
2	(Kachnar) B/L	bauhinia variegata	14/15	V	Green Stand
3	(Kachnar) B/L	bauhinia variegata	17/18	V	Green Stand
4	(Beul) B/L	Gravia optiva	17/18	V	Green Stand

ABSTRACT (TREES TO BE FELLED of TOWER NO. 18)

S.No.	species	Sap	V	IV	III	IIA	IIB	IA	Total
1	B/L	8	4	0	0	0	0	0	12
	Vol	0.92	0.46	0	0	0	0	0	1.38
Total Trees(nos)		8	4	0	0	0	0	0	12
Total Vol.(m3)		0.92	0.46	0	0	0	0	0	1.38

Kanchan (F.Sd)
I/C Naldehra
Beat

Ex. Executive Engineer
Electrical System Division
HPSEB Ltd. Tolu Shimla-9

Enumeration list of trees standing upon the Tower's Location for construction of 66KV transmission line from proposed 220/66 KV Sub Station Nadukhar to existing 66/22kv Sub Station Gumma in U-158 Oddu on Kh.No. 39/2 of mohal Mandar in Naldehra beat, Mashobra block of Mashobra Forest Range. Detail As under:-

ABSTRACT (TREES TO BE FELLED of TOWER NO. 20)									
S.No.	species	Sapling	V	IV	III	IIA	IIB	IA	Total
1	B/L (G/s)	6	0	0	0	0	0	0	6
	Vol	0.69	0	0	0	0	0	0	0.69
Total Trees(nos)		6	0	0	0	0	0	0	6
Total Vol.(m3)		0.69	0	0	0	0	0	0	0.69

Enumeration list of trees standing upon The Right of way (ROW) for construction of 66KV transmission line from proposed 220/66 KV Sub Station Nadukhar to existing 66/22kv Sub Station Gumma in U-158 Oddu on Kh.No. 39/3 of mohal Mandar in Naldehra beat, Mashobra block of Mashobra Forest Range. Detail As under:-

S.No.	Spp	Botanical Name	Dia	class	Remarks
1	Chil	Pinus roxburghii	27/28	IV	Green Stand

ABSTRACT (TREES NOT TO BE FELLED of R.O.W. B/W Tower No. 20-21)									
S.No.	species	Sapling	V	IV	III	IIA	IIB	IA	Total
1	Chil	0	0	1	0	0	0	0	1
	Vol	0	0	0.308	0	0	0	0	0.308
2	B/L (G/s)	20	0	0	0	0	0	0	20
	Vol	2.3	0	0	0	0	0	0	2.3
Total Trees(nos)		20	0	1	0	0	0	0	21
Total Vol.(m3)		2.3	0	0.308	0	0	0	0	2.608

Kanetwar C.F.s.d.
I/c Naldehra Beat

Sr. Executive Engineer
Electrical System Division
HPSEB Ltd. Totu Shimla-11

GENERAL ABSTRACT (GREEN TREES TO BE FELLED)

S.No.	species	Sap	V	IV	III	IIA	IIB	IA	Total
1	Chil	8	0	0	0	1	0	0	9
	Vol	0.584	0	0	0	1.276	0	0	1.86
2	B/L (G/S)	15	8	1	0	0	0	0	24
	Vol	1.725	0.92	0.308	0	0	0	0	2.953
Total Trees(nos)		23	8	1	0	1	0	0	33
Total Vol.(m3)		2.309	0.92	0.308	0	1.276	0	0	4.813
TOTAL TREES TO BE FELLED (nos.) =									33
TOTAL VOLUME (m3) =									4.813

GENERAL ABSTRACT (GREEN TREES NOT TO BE FELLED)

S.No.	species	Sap	V	IV	III	IIA	IIB	IA	Total
1	Chil	6	4	5	5	0	4	0	24
	Vol	0.438	0.292	1.54	3.555	0	8.06	0	13.885
2	B/L (G/s)	68	27	17	3	0	0	0	115
	Vol	7.82	3.105	5.236	2.055	0	0	0	18.216
Total Trees(nos)		74	31	22	8	0	4	0	139
Total Vol.(m3)		8.258	3.397	6.776	5.61	0	8.06	0	32.101

GENRAL - ABSTRACT (DRY TREES NOT TO BE FELLED)

S.No.	species	Sap	V	IV	III	HA	IIB	IA	Total
1	B/L (D/s)	0	2	1	2	0	0	0	5
	Vol	0	0.23	0.308	1.37	0	0	0	1.908
Total Trees(nos)		0	2	1	2	0	0	0	5
Total Vol.(m3)		0	0.23	0.308	1.37	0	0	0	1.908
TOTAL TREES NOT TO BE FELLED (nos.) =									144
TOTAL VOLUME (m3) =									34.009

Range Forest Officer
Mashobra Forest Range
Mashobra, Shimla-7

Kanchan F.G.
I/C Naldehra
Beat

Ex. Executive Engineer
Electrical System Division
HPSEB Ltd. Totu Shimla-9

General Abstract of Enumeration list of trees as enumrated during joint inspection for construction of 66 KV transmission line Nadukhar to Gumma and Nadukhar to Shakrori

Sr.no.	Range	Block	Beat	Name of Forest	Species	Botanical Name	Dia in cms & Class						Total Trees	Total Volume (m3)
							0-10 (Sap)	10-20 (V)	20-30 (IV)	30-40 (III)	40-50 (IIA)	50-60 (IIB)		
1	Mashobra	Mashobra	Seepur	U-152 Kalyanpur Khasra nos. (87/3,87/4,83/2)	Chil	*Pinus roxburghii*	25	16	5	2	0	1	49	0
					Vol.		3.85	2.464	2.175	1.984	0	2.83		13.303
					Leucaena (B/L)	*leucaena spp*	0	1	0	0	0	0	1	
					Vol.		0	0.115	0	0	0	0		0.115
					Kainth(B/L)	*Pyrus pashia*	2	0	0	0	0	0	2	
					Vol.		0.23	0	0	0	0	0		0.23
					Daroo (B/L)	*Punica granatum*	8		0	0	0	0	8	
					Vol.		0.92	0	0	0	0	0		0.92
					Total trees		**35**	**17**	**5**	**2**	**0**	**1**	**60**	
					Total vol.		**5**	**2.579**	**2.175**	**1.984**	**0**	**2.83**	**0**	**14.568**

Range Forest Officer
Mashobra Range
Mashobra, Shimla-7

Executive Engineer
Electrical System Division
HPSEB Ltd. Totu Shimla-2

ENUMERATION LIST

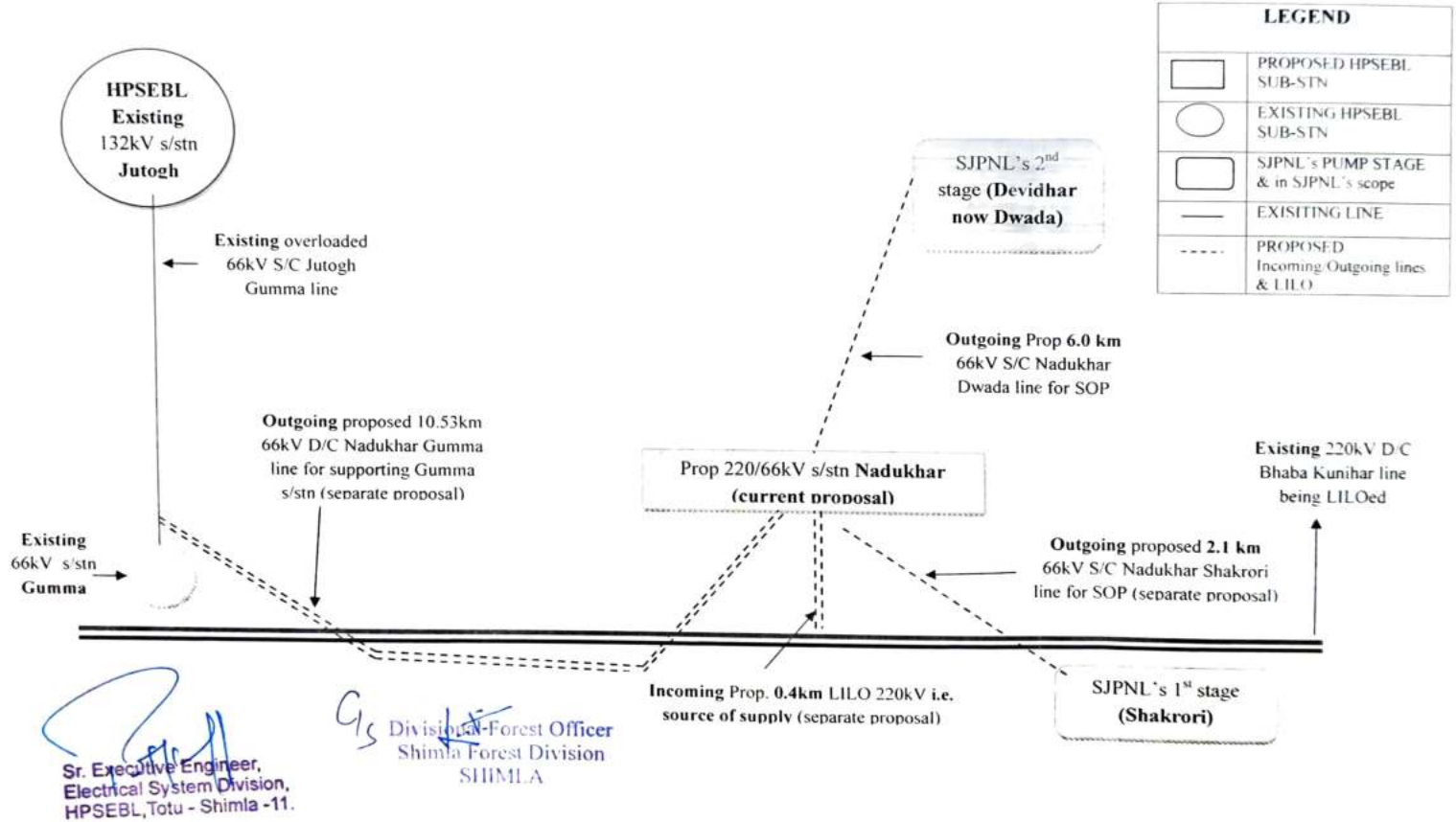
Enumeration list of trees as enumerated during joint inspection for construction of 66kv transmission line from proposed 220/66kv sub -station Nadukhar to existing 66/22kv sub -station Gumma, Shimla and joint inspection for construction of 66kv transmission line from proposed 220/66kv sub -station Nadukhar to Shakrori,Snimla conducted on dated 02.12.2021 under mauja Gumma and kh. nos. 87/3, 87/4 and 91 in U-152 Kalyanpur under Seepur beat , Mashobra Block/Range . Detail as under .

Sr.no.	Spp.	Botanical Name	Dia.	Class	Vol.(m3)	Kh.no.	Remarks
1.	Chil	*Pinus roxburghii*	23/24	IV	0.308	87/3	Green standing
2.	-do-	-do-	23/24	IV	0.308	-do-	-do-
3.	-do-	-do-	13/14	V	0.073	-do-	-do-
4.	-do-	-do-	17/18	V	0.073	-do-	-do-
5.	-do-	-do-	14/15	V	0.073	-do-	-do-
6.	-do-	-do-	16/17	V	0.073	-do-	-do-
7.	-do-	-do-	54/55	IIB	2.015	-do-	-do-
8.	-do-	-do-	16/17	V	0.073	-do-	-do-
9.	-do-	-do-	14/15	V	0.073	-do-	-do-
10.	-do-	-do-	11/12	V	0.073	-do-	-do-
11.	-do-	-do-	13/14	V	0.073	-do-	-do-
12.	Leucaena	*Leucaena spp.*	11/12	V	0.115	87/4	-do-
13.	Chil	*Pinus roxburghii*	17/18	V	0.073	-do-	-do-
14.	-do-	-do-	21/22	IV	0.308	-do-	-do-
15.	-do-	-do-	31/32	III	0.711	-do-	-do-
16.	-do-	-do-	22/23	IV	0.308	-do-	-do-
17.	-do-	-do-	13/14	V	0.073	-do-	-do-
18.	-do-	-do-	16/17	V	0.073	-do-	-do-
19.	-do-	-do-	11/12	V	0.073	87/2	-do-
20.	-do-	-do-	12/13	V	0.073	-do-	-do-
21.	-do-	-do-	31/32	III	0.711	-do-	-do-
22.	-do-	-do-	10/11	V	0.073	-do-	-do-
23.	-do-	-do-	11/12	V	0.073	-do-	-do-
24.	-do-	-do-	22/23	IV	0.308	-do-	-do-
25.	-do-	-do-	17/18	V	0.073	-do-	-do-

Fyd i/c seepurbeat

Sr. Executive Engineer
Electrical System Division
HPSEB Ltd. Totu Shimla-07

POWER EVACUATION PLAN OF SCHEME FOR C/O 220/66kV SUB-STATION AT NADUKHAR



Sr. Executive Engineer,
Electrical System Division,
HPSEBL, Totu - Shimla -11.

Divisional Forest Officer
Shimla Forest Division
SHIMLA

Annx. O

UNDERTAKING FOR SOIL AND MOISTURE CONSERVATION PLAN

I, Sr. Executive Engineer, Electrical System Division, HPSEBL, Totu (Shimla) do hereby undertake to pay the entire amount for Soil & Moisture Conservation Plan and deposit the same in the account of CAMPA in lieu of forest area to be diverted as per directions of MoEF&CC.

Date:- 20.02.2023
Place:- SHIMLA

Sr. Executive Engineer,
Electrical System Division,
HPSEB Ltd, Totu-Shimla-11

C/S Divisional Forest Officer
Shimla Forest Division
SHIMLA