

No.Ft. 48-2929/2014(FCA),
Forest Department, Himachal Pradesh

From: Nodal Officer-cum-Addl.Pr.CCF (FCA)
O/o Pr.CCF, HP Shimla-1

To: The Addl.Pr. Chief Conservator of Forests (Central)
Regional Office, Govt. of India, Ministry of Environment & Forests,
Pearson Road, FRI Campus, P.O. New Forests,
Dehradun-248006.

Dated Shimla-1, the

Subject: Diversion of 14.5510 hectare of forest land in favour of HPPTCL for the construction of 132 KV double circuit transmission line from Tangu-Romai HEP TO 66/132/220 KV Pooling Station Sunda(Chirgaon) Distt. Shimla, within the jurisdiction of Rohru Forest Division, Distt. Shimla, Himachal Pradesh.

Sir,

Kindly refer to your office online observations raised vide 8960 Tangu Romai EDS dated 02.10.2015 on the subject cited above.

2 The pointwise reply of the observations as raised vide your office above referred communication is submitted as under:-

1. The map of the area on copy of SoI Toposheet showing the area proposed for diversion alongwith alternative sites has not been uploaded & copy of the same is enclosed herewith as Annexure-A.
2. Digital map of area proposed for diversion is enclosed herewith as Annexure-B.
3. Revised CB analysis after quantifying entries in various columns in Check list 29 is enclosed herewith as Annexure-C.
4. Copy of SoI Toposheet indicating the boundary of the area proposed for CA is enclosed herewith as Annexure-D.
5. Revised Inspection Report of DFO Theog is enclosed herewith as Annexure-E.

It is, therefore, requested that Stage-II approval to this proposal may kindly be accorded at a very date.

Yours faithfully,

Encl: As above.

Nodal Officer-cum-APCCF (FCA)
O/o Pr. CCF, Himachal Pradesh.

OK

Endst.No.Ft.48-2929/2014(FCA)

Dated Shimla-171001, the

12.0 JAN 2016

Copy is forwarded to the following for information and necessary action:

1. CF Shimla w.r.t his office Memo No. 11217 dated 14.01.2016 for information.
2. DFO, Rohru.
3. Sr. Manager (Project), HPPTCL Division, Rohru, Distt. Shimla, Himachal Pradesh.

Nodal Officer-cum-Addl.Pr.CCF (FCA)
O/o Pr.CCF, Himachal Pradesh.

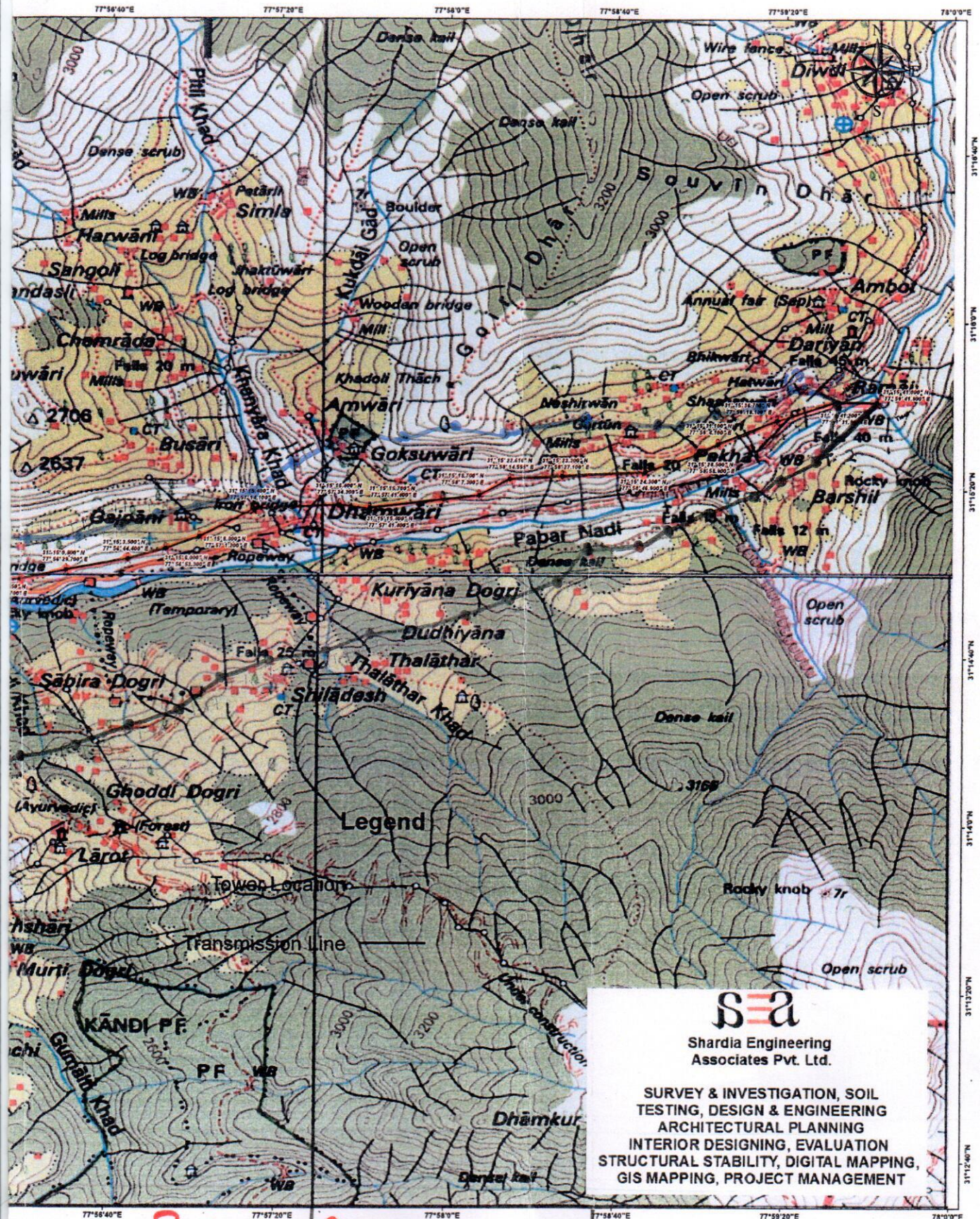
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20/01/16

132 KV D/C Transmission Line F



Off Hand
 (Projects)

from Tangnoo to Sunda (Chirgaon)



Proposed Route - 1

SEA
Shardia Engineering Associates Pvt. Ltd.
 SURVEY & INVESTIGATION, SOIL TESTING, DESIGN & ENGINEERING
 ARCHITECTURAL PLANNING
 INTERIOR DESIGNING, EVALUATION
 STRUCTURAL STABILITY, DIGITAL MAPPING, GIS MAPPING, PROJECT MANAGEMENT

Divisional Engineer

Full Title of the Project: - **Construction of 132KV Double Circuit Transmission Line from Tangnu-Romai HEP to 66/132/220KV Pooling Station Sunda (Chirgaon) Tehsil Chirgaon District Shimla (HP).**

File no: _____

Date of proposal: _____


CHECK LIST SERIAL NUMBER-29

Cost Benefit Analysis				
S.No.	Parameters	Road, Transmission lines & Railway lines	Minor Projects	Irrigation/hydro electric Projects & others
1.	Increase in productivity attributable to the specific project	Availability of the power in the Northern grid will increase substantially and this will have a positive impact on the industrialization and agricultural activities.	N/A	N/A
2.	Benefit to economy	<p>To the country: Better power availability for industrial commercial and domestic use</p> <p>To the state of Himachal Pradesh</p> <ul style="list-style-type: none"> i. Enhanced infrastructure through capital investment in infrastructure. ii. Utilization of un-harnessed potential. iii. Safety of forests as there will be single evacuation system for all the projects coming in the area. iv. Lesser transmission losses, as the electricity will be transmitted through extra high voltage line. v. Wheeling charges from the IPPs who wish to transmit their power through open access. <p>About 300MW of power will be evacuated through this Transmission line @2.91 per unit with 45% PLF per year, which works out to the tune of Rs $300000 \times 24 \times 365 \times 0.45 \times 2.91$ = 344.13 Crore</p>	N/A	N/A
3.	No of Population benefited	Specifically Rohru, Chirgaon, Jubbal, Kotkhai area of Himachal Pradesh /States under northern grid.	N/A	N/A
4.	Employment Potential	Direct as well as indirect employment will be generated during the construction of the proposed project. Approximately 100 to 150 people in various capacities will be employed during construction of the project. Besides a large no of people running mechanical workshops, spare part dealers	N/A	N/A

		will gain business because of the construction of the project		
5.	Cost of acquisition of facility on non forest land wherever feasible	NA	N/A	N/A
6.	Loss of a) agricultural and b) animal husbandry production due to diversion of the forest land	Neither such agriculture nor animal husbandry operations are being undertaken in the land coming in the alignment of the transmission line (Nil in view of the above)	N/A	N/A
7.	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement	No family or person is being displaced because of the construction of this transmission line (Nil in view of the above)	N/A	N/A
8.	Cost of supply of free fuel wood to workers residing in or near the forest area during the period of construction	No workers will reside in the forest area as this is not permissible under the Forest Conservation Act 1980 and the workers will be provided with LPG connections in the mess canteen to be set up in the residential areas (Not applicable in view of the above)	N/A	N/A

Date: 02-01-2016

Place:-Rohru


Sr. Manager (Project),
SPPCL (Projects)
Rohru, Distt. Shimla (H.P.)
Rohru Distt. Shimla (H.P.)


Divisional Forest Officer,
Rohru Forest Division, Rohru
Rohru Forest Division
ROHRU

Full Title of the Project: - **Construction of 132KV Double Circuit Transmission Line from Tangnu-Romai HEP to 66/132/220KV Pooling Station Sunda (Chirgaon) Tehsil Chirgaon District Shimla (HP).**

File no: _____

Date of proposal: _____


Annexure-VI (b)


PARAMETERS FOR EVALUATION OF LOSS OF FORESTS

S.NO.	PARAMETERS	ROADS, Transmission Lines & Railway Lines	Minor Irrigation project Justification OF Stones/Metals	Medium & Major Irrigation, Hydro Electric large mining & other misc Projects.
1.	Loss of value of timber, fuel wood and minor forest produce on an annual basis, including loss of man hours per annum of people who derived livelihood and wages from the harvest of these commodities.	10% of the Cost of trees	N/A	N/A
2.	Loss of animal husbandry, Productivity, including loss of fodder.	There are no animal husbandry operations existing or proposed in the area under consideration, (Nil in view of the above)	N/A	N/A
3.	Cost of human resettlement.	No Human relocation is involved due to this project (Nil in view of the above)	N/A	N/A
4.	Loss of public facilities and administrative infrastructure (Roads , Buildings, Schools, Dispensaries, Electric Lines, railways, etc.) on forest land , or which would require forest land in these facilities were diverted due to the Project.	No public facilities and administrative infrastructure (Roads, Buildings, Schools, Dispensaries, Electric Lines, railways line etc.) is coming in the alignment of the project. Hence there is no question of loss of facilities or there is diversion in the forest land. (Nil in view of the above)	N/A	N/A
5.	Environmental losses(Soil, Erosion, effect on hydrological cycle wildlife habitat microclimate upsetting of ecological balance)	Total area for diversion: 14.5510 Hac. Assumed Forest Density=1 Environmental loss per year@126 Lacs/Hactare to accrue over a period of 50 Years=18.33 Crore Benefit to the economy=344.13 Crore/Year since this Project will yield much more returns to the government and it will give a positive cost benefit ratio Negligible in view of the above		
6.	Suffering to ousters	No family/person is being displaced on account of construction of the project. In view of this there is no suffering to ousters. (Nil in view of the above)		

Date: 02-01-2016

Place:-Rohru


Sr. Manager (Project),
NPP/PCL Divn Rohru,
Distt Shimla (HP).
Rohru Distt. Shimla (H.P)


Divisional Forests Officer,
Rohru Forest Division, Rohru
Rohru Forest Division
ROHRU

Full Title of the Project: - **Construction of 132KV Double Circuit Transmission Line from Tangnu-Romai HEP to 66/132/220KV Pooling Station Sunda (Chirgaon) Tehsil Chirgaon District Shimla (HP).**

File no: _____

Date of proposal: _____

ANNEXURE-VI©


**Parameters for Evaluation of Benefit,
Notwithstanding Loss of Forests.**

S.No.	Parameters	ROADS, Tr. Lines & Railway Lines	Minor Projects	Irrigation/ Hydro & Projects & others
1	Increase in productivity attributable to the specific project.	NIL	N/A	N/A
2	Benefits to economy	344.13 Crore/Year	N/A	N/A
3	No of population benefited	1000000	N/A	N/A
4	Employment potential	100-150 (During construction Stage)	N/A	N/A
5	Cost of acquisition of facility on non forest land whether feasible	Not feasible (Linear Project)	N/A	N/A
6	Loss of (a) agriculture & (b) animal husbandry production due to diversion of forest land	Neither such agriculture nor animal husbandry operations are being undertaken in the land coming in the alignment of the transmission line (Nil in view of the above)	N/A	N/A
7	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement	No family or person is being displaced because of the construction of this transmission line (Nil in view of the above)	N/A	N/A
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction	No workers will reside in the forest area as this is not permissible under the Forest Conservation Act 1980 and the workers will be provided with LPG connections in the mess canteen to be set up in the residential areas (Nil in view of the above)	N/A	N/A

Date: 02-01-2016

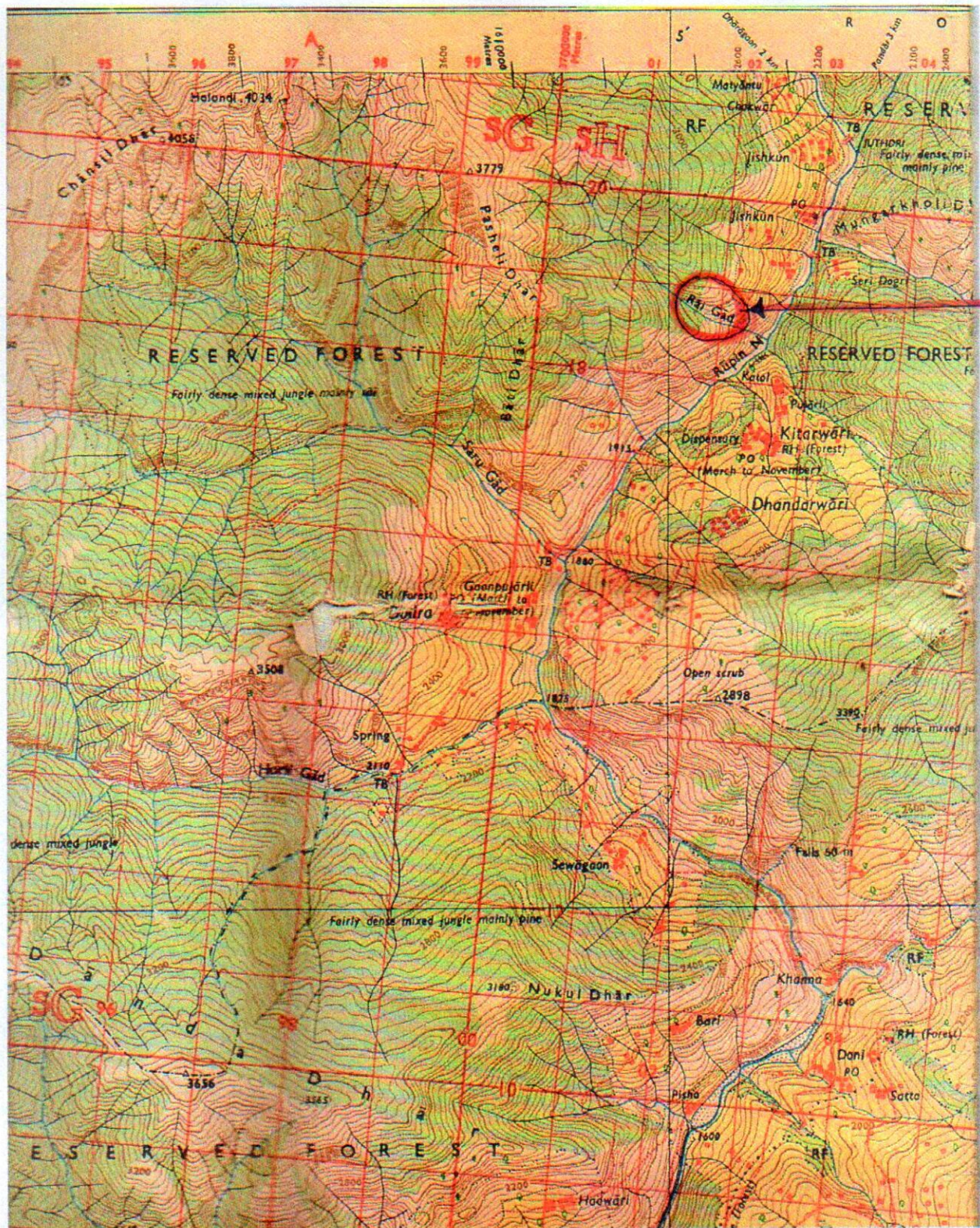
Place:-Rohru


 Sr. Manager (Project)
 HPTCL Divn Rohru,
 Distt Shimla (HP),
 Rohru Distt. Shimla (H.P.)


 Divisional Forest Officer,
 Rohru Forest Division, Rohru
 Rohru Forest Division
 ROHRU

Area Selected for Compensatory Afforestation on SOI Sheet

Rai Gad



[Signature]
 Sr. Manager (Projects)
 HPPTCL, Division,
 Rohru Distt. Shimla (H P)

[Signature]
 Divisional Forest Offi
 Rohru Forest Division
 ROHRU

Full Title of the Project: - **Construction of 132KV Double Circuit Transmission Line from Tangnu-Romai HEP to 66/132/220KV Pooling Station Sunda (Chirgaon) Tehsil Chirgaon District Shimla (HP).**

File no: _____

Date of proposal: _____

Check List SERIAL NUMBER 15 .

Site inspection report not below the rank of DCF
(For the forest land to be diverted under FCA)

A proposal has been received by this office from Sr. Manager (Project), HPPTCL Division Rohru Distt Shimla (HP) for diversion under FCA 1980 of **14-55-10 Ha.** of forest land for non forestry purpose. The project envisages the use of forest land for the construction of 132KV D/C Trans. Line from Tangnu-Romai HEP to 66/132/220KV Pooling Station Sunda (Chirgaon) Tehsil Chirgaon Distt Shimla (HP). The site inspection of the land involved in the proposal has been done by me on Dated **03-08-2015**

On inspection of the site it is found that the land required by the user agency is **14-55-10Ha** in UPF and the total No of trees coming in the alignment of proposed Trans. Line are **20**.

The requirement for the forest land as proposed by the user agency in column 2 of part-I is unavoidable and is barest minimum.

Whether any rare/endangered/unique species of flora and Fauna found in the area if, so details thereof : **No Please.**

Whether any protection archeological /heritage site/ defense establishment or any other important monument is located in the area. If so the detail thereof with

NOC from the competent authority, if required: **NO Please.**

(a) **The user agency has not violated the provision of forest (Conservation) act 1980 and no work has been started without proper sanction: No, Please. No violation has been made by HPPTCL Rohru.**

(b) It has been found that user agency has violated that forest conservation act 1980 provision : a detail report as per para 1.9 of chapter I part-C of hand book of forest conservation Act 1980 is attached

(NOTE: - Whichever of the above is applicable should be shown in bold letters)

Since the construction of Trans. Line is very important/ necessary for the local people and for the benefit of the nation. Therefore proposal is recommended for approval.

Place:.....**Rohru**.....

Date:.....**03-08-2015**.....

03.8.15
(Dr. Chaman Lal) HPFS
Divisional Forest Officer,
Rohru Forest Division, Rohru.
Rohru Forest Division
ROHRU