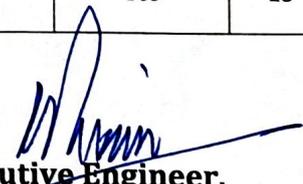


CHECKLIST

Name of the Proposal: LILO of 220 kV Udhampur-Gladni D/C Transmission Line at Nagrota GSS. (FP/JK/TRANS/152211/2022)
Division: Jammu Forest Division.
User Agency: TLMD-I,JKPTCL, Jammu

S.No.	Particulars	Document enclosed (Yes/No)	Page No.
1	Register online through the portal "parivesh.nic.in"	Yes	
2	Fill the Form-A- Part-I (extent of proposed area for diversion to be preferably in two digits after decimal)	Yes	1 - 5
3	Upload authorization letter to the person submitting application on PARIVESH portal by the competent authority of the user agency. ID Card, PAN Card etc not to be uploaded.	Yes	6
4	Upload coloured Survey of India Toposheet Map of the project site / forest land to be diverted, or any suitable map with legend authenticated by the representative of DFO (Territorial) and Project Authority.	Yes	7
5	Upload KML file of the forest land to be diverted under the project. KML of Non-Forest Land (NFL) in different shade to be uploaded, if necessary.	Yes	8
6	Upload Geo-reference map showing GPS Coordinates of the forest land proposed for diversion.	Yes	9
7	Upload Justification for locating the project on forest land.	Yes	10
8	Upload original copy of the communication addressed to the concerned Deputy Commissioner for recognition and vesting of forest rights in accordance with the provisions of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) for the entire forest land indicated in the proposal.	Yes	11
9	Additional documents:		
	i)	Brief Project Note (covering the main features of the proposal, particularly, its implication on environment/forest and mitigation measures like construction of retaining/breast walls and number of people to be benefited from the project)	Yes 12
	ii)	Approval of the project by the competent authority.	Yes 13 - 17


Divisional Forest Officer,
Jammu Forest Division,
Jammu


Executive Engineer,
Trans. Line Maintt. Div-I,
JKPTCL, Janipur, Jammu.

FORM - A

Form for seeking prior approval of Central Government under section 2 of the Forest(Conservation) Act,1980 for Diversion of fresh forest area

PART - I

(To be filled up by User Agency)

A. General Details**A-1. Project Details**

(i). Proposal No. : FP/JK/TRANS/152211/2022

(ii). Name of Project for which Forest Land is required : Construction of LILO of 220 KV Udhampur-Gladni Transmission Line at Nagrota GSS

(iii). Short narrative of the proposal and Project/scheme for which the forest land is required : LILO of 220 kV Udhampur-Gladni Transmission Line along with new substation at Nagrota is to be established in Jammu district of Jammu & Kashmir under PMDP-2015. The said transmission line is extremely important to provide uninterrupted, reliable and quality grid power supply to upcoming and existing

(iv). State : Jammu and Kashmir

(v). Category of the Proposal : Transmission Line

(vi). Shape of forest land proposed to be diverted : Linear

(vii). Estimated cost of the Project(Rupees in lacs) : 6463

(viii). Area of forest land proposed for diversion(in ha.): 11.2525

(ix). Non-forest land required for this project(in ha.): 6.0375

(x). Total period for which the forest land is proposed to be diverted(in years): 50

A-2. Details of User Agency

(i). Name : JAMMU AND KASHMIR STATE POWER TRANSMISSION COMPANY LIMITED

(ii). Address1 : Office of Chief Engineer (Transmission), JKPTCL, 220 KV Grid Station Complex, Narwal Bala, Gladni , Jammu

(iii). Address2 : NIL

(iv). State : Jammu and Kashmir

(v). District : Jammu

(vi). Pin : 180006

(vii). Landmark : NIL

(viii). Email address : sojpdd@gmail.com

(ix). Landline Telephone No. : 0--

(x). Fax No. : 0-

(xi). Mobile No. : 9419192181

(xii). Website (if any) : NIL

(xiii). Legal status of User Agency : State PSU

A-3. Details of Person Making Application

(i). First Name: Mohammad

(ii). Middle Name: Sadiq

(iii). Last Name: Azad

(iv). Gender: NIL

(v). Designation: Executive Engineer

(vi). Address 1: Office of Executive Engineer, TLMD-1 , JKPTCL, Janipur, Jammu

(vii). Address 2: NIL

(viii). State: Jammu and Kashmir

(ix). District: Jammu

(x). Tehsil: NIL

(xi). Pin: 180007

(xii). Landmark: NIL

(xiii). Email Address: xentlmd1@gmail.com

(xiv). Landline Telephone No.: 0-

(xv). Fax No.: NIL

(xvi). Mobile No.: 9419108509

(xvii). Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency: 

B.

Details of land required for the Project

B-1. Details of proposal seeking prior approval of Central Government under the Act for diversion of forest land for the Project already submitted in the past

List of proposal submitted in Past							
S.no	Proposal Status.	Proposal No.	Moef File No.	Area Proposed for Diversion(Ha.)	Area Diverted(Ha.)	Date of In-Principle Approval	Date of Final Approval
NIL							

B-2. Details of forest land proposed to be diverted

B-2.1 Details of Divisions involved

Details of Divisions involved			
S.no	Division Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Jammu Forest Division	11.2525	6.0375
Total		11.2525	6.0375

B-2.2 Details of Districts involved

District wise breakup			
S.no	District Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Jammu	11.2525	6.0375
Total		11.2525	6.0375

B-2.3 Village wise breakup

Villages wise breakup			
S.no	Village	Forest Land(ha.)	Non-Forest Land(ha.)
1	Jagti	3.13425	0.06125
2	Dhammi	0	2.758
3	Bann	8.11825	3.21825
Total		11.2525	6.0375

B-2.4 Component wise breakup

Component wise breakup			
S.no	Component	Forest Land(ha.)	Non-Forest Land(ha.)
1	Transmission Line Corridor	11.2525	6.03715
Total		11.2525	6.03715

C. Maps of forest land proposed to be diverted

Division 1. : Jammu Forest Division	
(i).	Area of forest land proposed to be diverted(in ha.) : 11.2525

(ii). Nature of the Project: Linear

(b). No. of Segments : One

Segment wise details		
Segments	Segment Area(in ha.)	Kml File of Segments (To view KML file on google the same may be downloaded and then open if in google earth install in your computer).
1.	11.2525	 View File

(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: 

(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: 

D. Justification for locating the Project in forest land and details of alternatives examined:

(i). Copy of note containing justification for locating the Project in forest land: 

(ii). Whether a copy of map indicating location of alternative examine is required to be provided: No

(a). Reason for not providing such map: Short length of Line

E. Employment likely to be generated

(i). Whether the Project is likely to generate employment?: Yes

(ii). Permanent/Regular Employment(Number of persons): 0

(iii). Temporary Employment(Number of person-days): 4600

F. Displacement of People due to the Project, if any

(i). Whether Project involves displacement?: No

G. Details of Cost-Benefit analysis for the Project

(i). Whether the Project requires Cost-Benefit analysis?: No

H. Status of Environmental Clearance

(i). Whether the Project requires Clearance under the Environment (Protection) Act 1986?: No

I. Status of Wildlife Clearance

(i). Whether the Project or a part thereof is located in any Protected Area or their Eco sensitive zone?: No

J. Applicability of special provisions governing Scheduled Areas

(i). Whether the Project or a part thereof is located in a Scheduled Area? : No

K. Status of settlement of rights under the Forest Rights Act, 2006 on the forest land proposed to be diverted

(i). Whether the process for settlement of Rights under the Forest Rights Acts 2006 on the forest land proposed to be diverted has been completed? : No

L. Details of land identified for Compensatory Afforestation

(i). Whether non-forest or Revenue forest land is required to be provided by User Agency?: No

(ii). Whether the area of non-forest land or Revenue forest land required to be provided by User Agency for raising Compensatory Afforestation is less than area of forest land proposed to be diverted?: No

(iii) . Reason for not providing Non-Forest Land: For laying of transmission lines

Additional information Details

Documents		
S.No	Documents	Remarks
1		Key Project Details
2		Sanction Letter from Ministry of Power, GoI along with Project Cost Estimate
3		Certificate -Non availability of non forest route
4		Certificate -Bare minimum use of forest land
5		Certificate for Non violation of Forest Conservation Act
6		Undertaking for providing FRA certificate
7		Undertaking for bare minimum use of forest land
8		Undertaking to fell bare minimum tress
9		Undertaking that no land is required for muck disposal
10		Undertaking to Pay NPA for Forest Land
11		Undertaking to Pay compensation for afforestation
12		Undertaking to Pay extraction charges of tress
13		Communication to DC for FRA Certificate -receipt.
14		Layout Plan



Office Of The Chief Engineer (Transmission) J&K Power Transmission Corp. Ltd. Jammu
 220 KV Grid Station Complex, NarwalBala, Gladni, Jammu
 Email: sojpd@gmail.com, Tel:-0191- 2476172

**The Chief Conservator of Forest and Wildlife
 Union Territory of J&K,
 Jammu**

No:-CE/TRANS./J/JKPTCL/T/15803-01

Date: 7-02-2022.

**Subject: Authorization of officer for online submission of proposal on
 Parivesh Portal.**

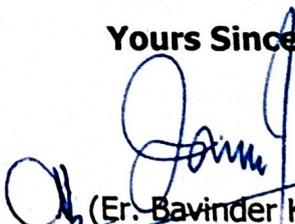
Sir,

Ministry of Power Government of India has sanctioned a Transmission System Strengthening scheme under PMRP/PMDP-15. Under the scheme LILO of 220 KV Udhampur-Gladni Line at Nagrota is to be constructed. The scheme shall be implemented by RECPDCL as Project Implementing Agency.

In this regard the undersigned hereby authorize the following officer for signing all documents and online submission of proposal on Parivesh Portal for Forest and Wildlife Clearance of LILO of 220 KV Udhampur Gladni Transmission Line.

Name : Mohammad Sadiq Azad
 Designation : Executive Engineer
 Office : TLMD-I, JKPTCL, Janipur, Jammu

Yours Sincerely


 (Er. Bavinder Kundal) 07/02.
 Chief Engineer(Transmission),
 Jammu, JKPTCL.
 f
 to

Copy to :-

- 1) DFO, Jammu for information.
- 2) Chief Accounts Officer, JKPTCL, Jammu for information.
- 3) Superintending Engineer, O&M, Cr-I, JKPTCL, Jammu for information.
- 4) Executive Engineer, TLMD-I, JKPTCL Jammu for information and necessary action.

SOI Map for LILO 220 kv Transmission Line

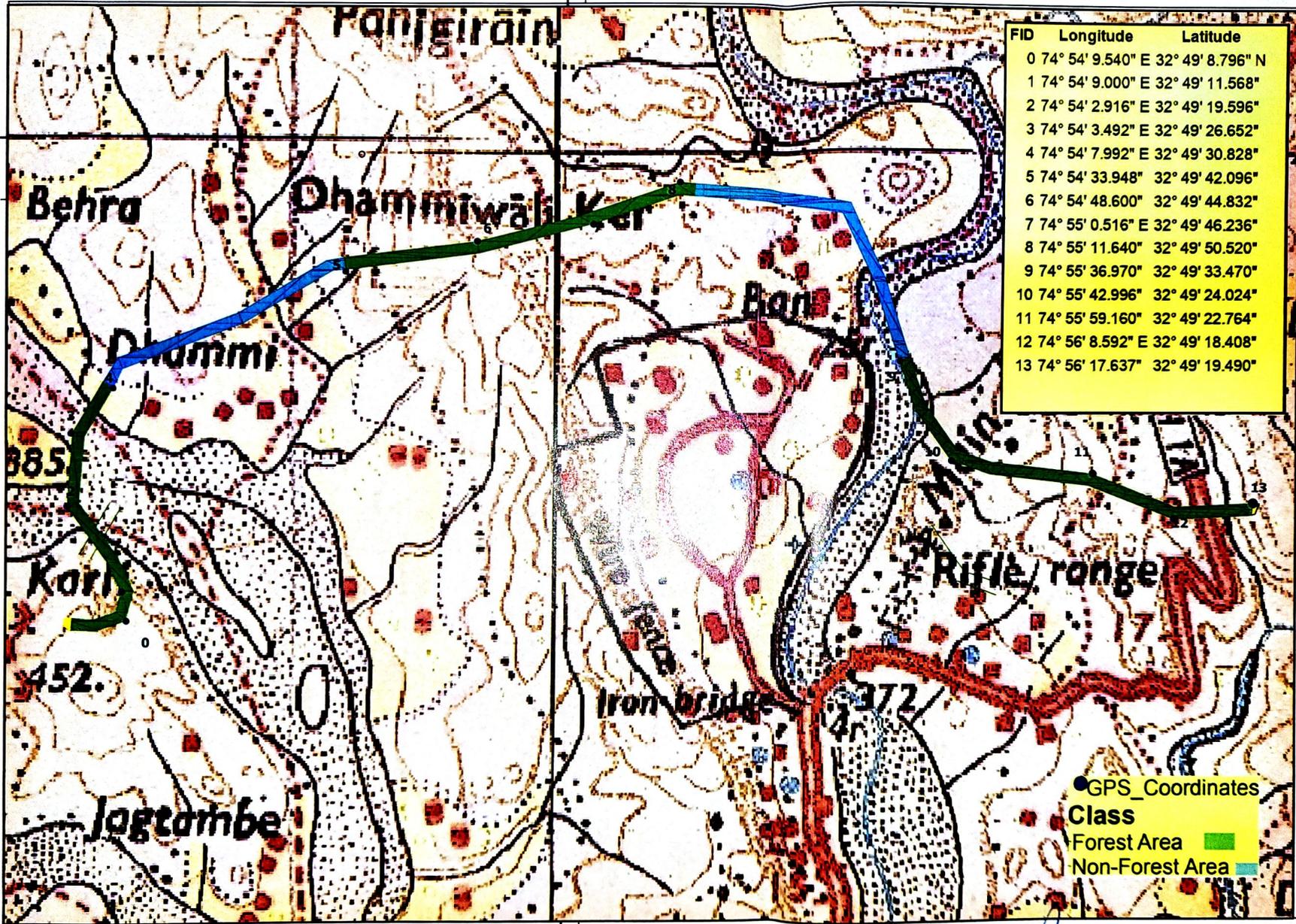
GT Sheet No 43 L/13

1:11,000

74°55'0"E

32°50'0"N

32°50'0"N



● GPS_Coordinates
Class
 Forest Area ■
 Non-Forest Area ■



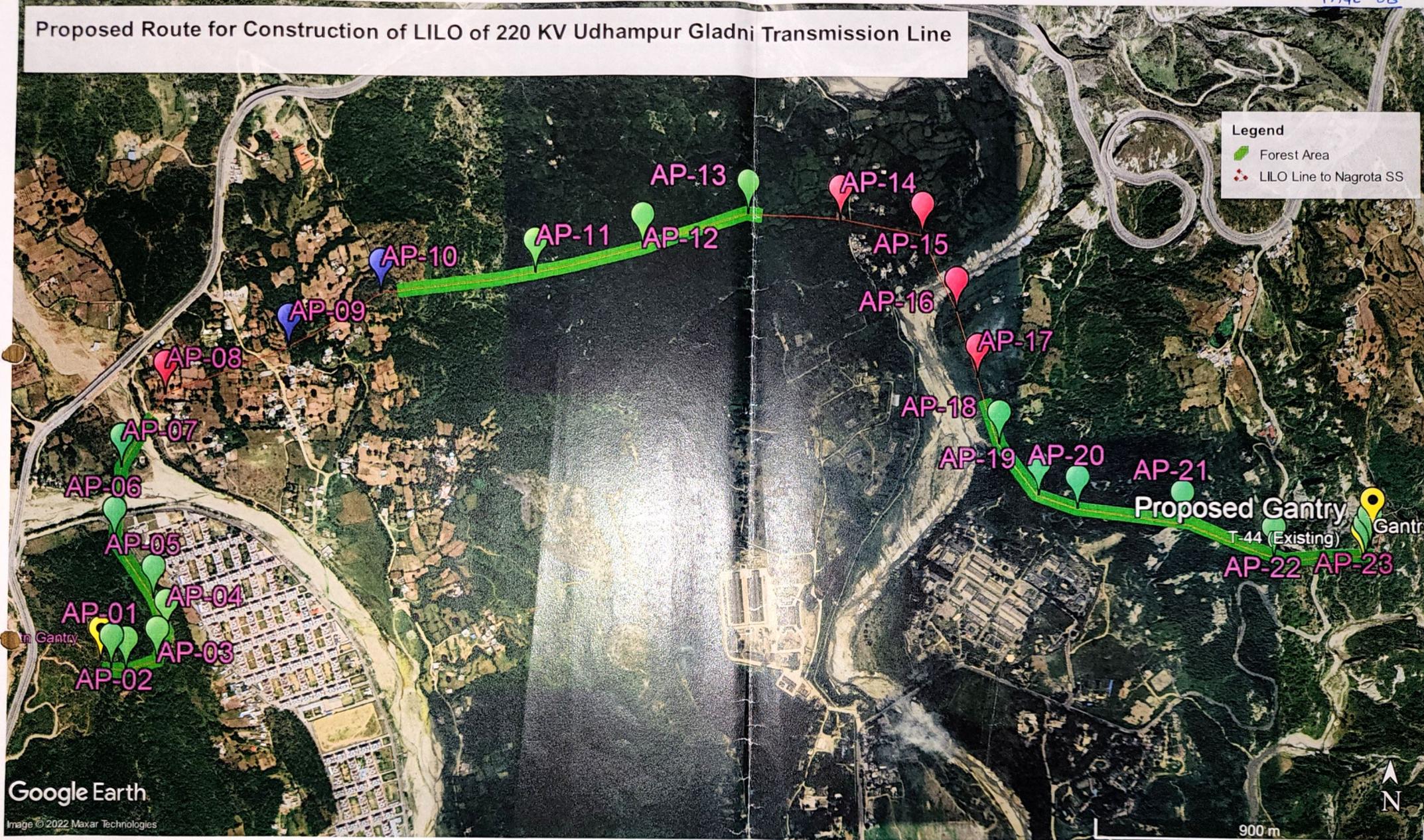
JE

JE

Rishi AEE
 Assistant Engineer
 Trans. Line Maint. Sub Div-II
 Jammu

W. Khan
 Executive Engineer
 TLM D-I (JKPTCL)
 Jammu

Proposed Route for Construction of LILO of 220 KV Udhampur Gladni Transmission Line



JDE
JE JE

Asst. Executive Engineer
Trans. Line Maint. Sub-Div-II
Jhajar Kotli

Executive Engineer
TLMD I (JKPTCL)
Jammu.

Georeference Map LILO 220 kv Transmission Line

GT Sheet No 43 L/13

1:11,000



74°55'0"E

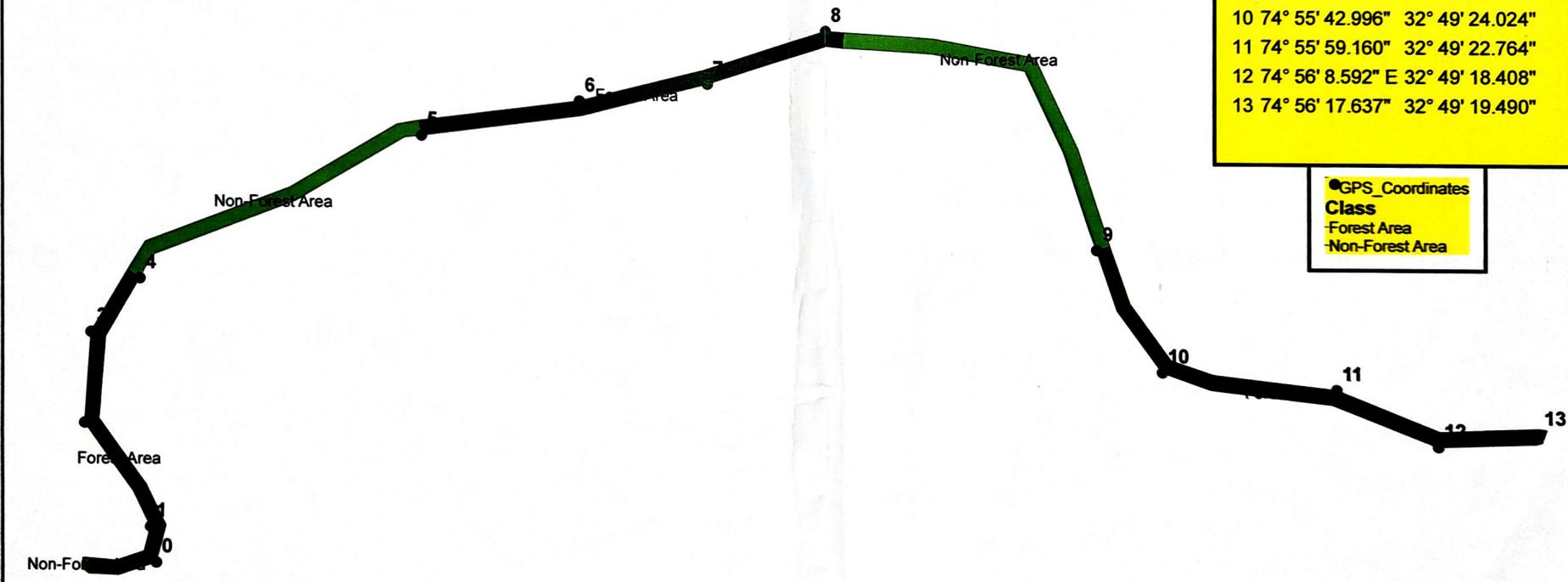
CA Site for LILO 220 kv Transmission Line

FID	Longitude	Latitude
0	74° 54' 9.540" E	32° 49' 8.796" N
1	74° 54' 9.000" E	32° 49' 11.568" N
2	74° 54' 2.916" E	32° 49' 19.596" N
3	74° 54' 3.492" E	32° 49' 26.652" N
4	74° 54' 7.992" E	32° 49' 30.828" N
5	74° 54' 33.948" E	32° 49' 42.096" N
6	74° 54' 48.600" E	32° 49' 44.832" N
7	74° 55' 0.516" E	32° 49' 46.236" N
8	74° 55' 11.640" E	32° 49' 50.520" N
9	74° 55' 36.970" E	32° 49' 33.470" N
10	74° 55' 42.996" E	32° 49' 24.024" N
11	74° 55' 59.160" E	32° 49' 22.764" N
12	74° 56' 8.592" E	32° 49' 18.408" N
13	74° 56' 17.637" E	32° 49' 19.490" N

GPS_Coordinates	Class
●	Forest Area
■	Non-Forest Area

32°50'0"N

32°50'0"N



[Handwritten signature]



[Handwritten signature]
JE

[Handwritten signature]
JE

[Handwritten signature]
AEE

Asstt. Executive Engineer
Trans. Line M. J. Sub. Div-II
Jammu

[Handwritten signature]
Executive Engineer
LMD-I (JKPTCL)
Jammu

74°55'0"E

TO WHOM IT MAY CONCERN**Subject: Justification for Use of Area and Diversion**

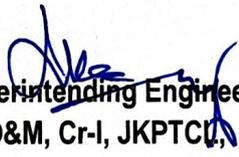
Ministry of Power, Govt. of India has approved Construction of Nagrota Grid Sub-Station along with associated Transmission Line of 5Km under Prime Minister Development Package (PMDP) 2015.

The aforesaid Transmission Line shall be constructed by REC Power Development Consultancy Ltd (RECPDCL, a 100% subsidiary of REC Limited, a Navratna CPSU under Ministry of Power) on behalf of Jammu & Kashmir Power Transmission Company Limited.

Load of Nagrota is expected to increase with development in area like establishment of IIT Jammu and upcoming IIM Jammu. The Nagrota Grid Sub-Station along with associated transmission line (LILO of 220 KV Udampur Gladni Line) is essential to meet upcoming load in Nagrota and adjoining area. Land for establishment of sub-Station is already diverted from forest area. Further the existing 220 KV Udampur Galdni Line is also in forest area.

There is no possibility of constructing the said transmission line without using forest area. After survey three possible routes were found, all passing through forest area. The proposed route is shortest and using bare minimum forest area of 11.25 hectare.


Executive Engineer,
Trans. Line Maintt. Div-I,
JKPTCL, Janipur, Jammu.


Superintending Engineer
O&M, Cr-I, JKPTCL,
Jammu
Superintending Engineer
O&M, Circle-I, JKPTCL
Jammu


Chief Engineer (Trans.)
Jammu, JKPTCL
Chief Engineer (Transmission),
Jammu, JKPTCL

Place: JAMMU
Date: 02.02.2022



OFFICE OF THE EXECUTIVE ENGINEER,

TRANS. LINE MAINTT. DIVISION-I, JKPTCL, JAMMU

e-mail: xentlmd1@gmail.com

Tele/Fax: 0191-2536504

No: TLMD-I/JKPTCL/J/-3849-55

Dated: - 15-02-2022

The District Collector,
Jammu

Subject : Requirement of Forest Right Act (FRA) certificate for construction of LILO of 220 kV Udhampur-Gladni Transmission Line on D/C Tower at Nagrota GSS-reg.

Sir,

In reference to the above mentioned subject, it is submitted that there is requirement of Forest Right Act (FRA) certificate.

As such, it is requested to kindly verify the forest land and provide the Forest Right Act (FRA) certificate for further approval from Forest department for Forest Clearance.

The said Transmission line is extremely important to provide uninterrupted, reliable and quality grid power supply to upcoming and existing load at Nagrota and its adjoining areas. The project is under PMDP-15 and is time bound, is being monitored at highest level of Ministry of Power, Govt. of India. Therefore it is requested that the FRA certificate to construct 220 kV Udhampur-Gladni Transmission Line at Nagrota GSS may be given at earliest.

Yours faithfully,

[Signature]
Executive Engineer,

Trans. Line Maintt. Div-I,
JKPTCL, Janipur, Jammu.

Copy to the:-

1. Chief Conservator of Forest and Wildlife, UT of J&K
2. Chief Engineer, (Transmission), JKPTCL, Jammu for information.
3. Superintending Engineer, O&M Circle-I, JKPTCL, Jammu for information.
4. The Divisional Forest Officer, Jammu Forest Division, Jammu for information
5. Chief Manager, RECPDCL, Jammu for information.

TO WHOM IT MAY CONCERN**Sub: Key Project Details**

1. **Name of the Project:** System Strengthening Transmission Project under Prime Minister's Development Package (PMDP) 2015
2. **Name of the Transmission Line:** LILO of 220 kV Udampur-Gladni D/C Transmission Line at Nagrota GSS.
3. **Brief Narrative:** LILO of 220 kV Udampur-Gladni D/C Transmission Line along with new substation at Nagrota is to be established in Jammu district of Jammu & Kashmir under PMDP-2015. The said transmission line is extremely important to provide uninterrupted quality grid power supply to upcoming and existing load at Nagrota and adjoining areas.
4. **Type of Conductor :** ACSR Zebra
5. **No of Tower Involved in Project : 23 Tower + 1 Gantry**
6. **Minimum Height of Tower : 35 Mtr**
7. **Maximum Height of Tower : 43 Mtr (Tower height 35 Mtr + 9 mtr Extension)**
8. **Minimum Clearance of Conductor from Ground: 7 Mtr**


 Executive Engineer,
 Trans. Line Maintt. Div-I,
 JKPTCL, Janipur, Jammu.


 Superintending Engineer
 O&M, Cr-I, JKPTCL
 Jammu
 Superintending Engineer
 O&M, Circle-I, JKPTCL
 Jammu


 Chief Engineer (Trans.)
 Jammu, JKPTCL
 Chief Engineer (Transmission),
 Jammu, JKPTCL

Place: JAMMU
 Date: 08.02.2022

GM (DD)
13/1/17
ED (DD)

No 3/6/2016-Trans
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg, New Delhi - 110001

Dated, 6th January, 2017

OFFICE MEMORANDUM

GM (DD)
PI Discus
10.1.17

Subject: Prime Minister's Reconstruction Plan (PMRP) 2015 for Jammu & Kashmir.

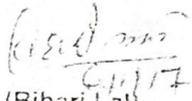
The undersigned is directed to refer the letter received from Office of the Development Commissioner(Power) FDD J&K No: DCP/J&K/Camp-gr/01-04 dated 25th October 2016 regarding Detailed Project Report for Transmission works for J&K under the above cited subject and to convey the approval for project cost of Rs. 1189.59 crore (detailed at annexure I) and sanction of Government of India Grant of Rs 1065.30 Crore being 90% of approved project costs of 1183.67 Crore and Rs 5.95 Cr. being 0.5% of approved project cost as Grant for Project Management Agency (PMA). This is in continuation of the sanction order No. 16/38/2018-IPDS(Vol.II)(Pt) dated 9.11.2016 for Rs. 2570.14 crores (Project Cost) for Distribution Projects under PMRP 2015.

2. In order to receive fund under the scheme, utility shall open separate dedicated bank account in a nationalized bank having e-banking facility. The nature of the PMRP account shall be current Account with CLTD (Corporate Liquid Term Deposit) facility
3. On request from Utilities, Govt shall release funds through PGCIL to the dedicated bank account of utilities.
4. Mechanism for release of grant would follow Para 2.4 of Chapter IV IPDS guidelines.
 - (i) Release of 10% of eligible Grant Component (1st tranche) on Appointment of Project Management Agency (PMA) by the utility.
 - (ii) Release of 20% of eligible Grant Component (2nd tranche) on achievement of following:
 - a) Placement of Award
 - b) Updating of web portal regarding award details
 - c) In case the award cost is lower vis-a-vis the approved project cost, 2nd tranche shall be suitably adjusted.
 - (iii) Release of 60% of eligible Grant Component (3rd tranche) on submission of following:
 - a) Certificate from utility regarding utilization of 90% of grant released under 1st and 2nd Tranche
 - b) Receipt of 100% of utility contribution (10% of approved project cost)

(Signature)
G/117

2-

- c) Financial sanction of lenders (FIs/Banks) for 10% of approved project cost in case utility needs to avail loan for the project and /or commitment to bring its own fund.
 - d) Recommendation of PMA supported by a report on expenditure progress and constraints if any for timely completion of project
- (iv) Release of 10% OF ELIGIBLE Grant component (final tranche) on submission of following
- a) Project Completion Certificate, duly recommended by the Head of Utility, in the stipulated format.
 - b) PMA report regarding Project Completion and expenditure incurred along with recommendation in accordance with the guidelines
- 5 Projects completion period shall be 30 month from date of sanction. Expenditure incurred after the sanction letter date shall only be eligible for Grant utilization
- 6 Acceptance to the above approved project cost and the Terms and Conditions may be communicated within 15 days from the date of issue of the sanction letter
- 7 The progress of the works would be monitored by PGCIL for the transmission work
- 8 This issues with the approval of Secretary (Power).


(Bihari Lal)

Under Secretary to the Govt. of India
Telefax: 2332 5242
E-mail: transdesk-mop@nic.in

To:
Chief Secretary
Govt. of Jammu & Kashmir
Civil Secretariat
Jammu-180001

Copy to:

1. CMD PGCIL, Gurugram
2. Shri Sunil Kumar, ED (DDUGJY), REC
3. Shri Subir Saha GM (IPDS) PFC
4. Shri Atul Kumar Agarwal, AGM (PGCIL)
5. PPSs to JS(Trans)/ JS(Hydro)/ JS(FA)/ Dir(Trans)/ Dir (Distribution)

Annexure I

Region	Brief Description of transmission schemes under PMRRP-2015/ PMDP-2015	Scheme cost escalated @5% per annum
Jammu	220/66 KV Grid Sub-station: 2 nos. (Kathua(160 MVA) and Samba(160 MVA)), 220/33 KV Grid Sub-station: 2 nos.(Chowadhi(160 MVA) and Nagrota(100 MVA)), 132/33KV Grid Sub-station: 1 no. (Chattha(100 MVA)), 132/66 kV Grid Station augmentation by 1x50MVA, 132/66kV transformer: 1 no.(Kathua), 132/33 kV Grid Station augmentation by 1x50MVA, 132/33kV transformer: 4 nos.(Janipur, Poni Chak, Sidhra and Miran Sahib), 220kV D/C transmission lines (Total 33 km), 132kV D/C transmission lines (Total 8 km), Reconducturing of 132kV line by HTLS (Total 76 ckm) and Twinning of bus bar of 220kV bus at Hiranagar from double zebra to double moose and strengthening of structures.	Rs. 42041 Lacs
Kashmir	220/33 KV Grid Sub-station (GIS): 2 nos. (Batpora Tailbal(160 MVA) and Lassipora (160 MVA)), 132/33 KV Grid Sub-station (GIS): 2 nos. (Khanyar(100 MVA) and Tengpora(150 MVA)), 132/33 kV Grid Station augmentation of by 1x50MVA, 132/33kV transformer: 5 nos. (Zainakote, Bemina, Cheshmashahi, Chadoora and Khrew Grid Sub-station), 220kV D/C transmission lines (Total 34.4 km), 132kV D/C transmission Cables (Total 18 km) and Reconducturing of 132kV line by HTLS (Total 28 km)	Rs. 41444 Lacs
Ladakh	220/33 KV Grid Sub-station: 2 nos. (Diskit (Nubra)(50 MVA) and Padum (Zanskar)(50 MVA)), 220kV S/C transmission lines on D/C Towers (Total 307 km), one no. 220kV line bay each at 220/66kVPhyang (PGCIL)LEH S/S and 220/66kV Kargil (PGCIL) S/S and 1x25 MVar, 220/33kV bus reactor at Padum along with 220kV bay	Rs. 35474 Lacs
Jammu, Kashmir and Ladakh	Total cost (in Rs. Lacs)	118959
Jammu, Kashmir and Ladakh	Total cost (in Rs. crore)	1189.59

Qud no
6/1/17

COST ESTIMATION FOR CONSTRUCTION OF 100MVA, 220/33 KV GRID SUB STATION NAGROTA

S.No	Item of Work	Unit	Qty	Unit Cost	Amount
A: GRID SUB STATION					
1	220KV Line Bay	No	2	295.98	591.95
2	220KV Bus Coupler Bay	No	1	258.40	258.40
3	Aux., Neutral & Tertiary buses.	No	1	220.18	220.18
4	220KV Transformer Bay	No	2	259.78	519.56
5	220 KV Transfer Bus Bay	No	1	227.53	227.53
6	Transformer (2x50 MVA, 220/33KV)	No	2	475.00	950.00
8	33KV Line Bay	No	4	68.68	274.72
9	33KV Bus Coupler Bay	No	1	69.78	69.78
10	33KV Transformer Bay (33 KV side of 220/33KV Transformer)	No	2	69.20	138.40
11	33KV Aux. Bay	No.	1	66.16	66.16
12	Construction of Auxilary Sub Station	Job	1	22.61	22.61
13	Common Miscellaneous works of 220/ 33 KV Grid Station	Job	1	467.00	467.00
14	Common Civil works of 220/ 33 KV Grid Station (Rural Areas)	Job	1	1913.24	1913.24
TOTAL					5719.53
B:220 KV TRANSMISSION LINE					
1	Construction of LILO of 220 KV S/C Gladni-Udhampur Tr. Line	KM	5	99.04	495.20
TOTAL					495.20
TOTAL PROJECT COST = A+B					6214.73
Scheme cost with 5% Esclation per year based on yearly physical phasing					6463.33




Executive Engineer
TLMD I (JKPTCL)
Jammu.

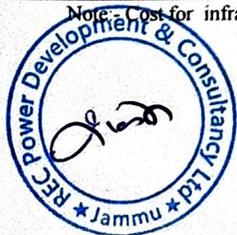

Superintending Engineer
O&M, Circle-I, JKPTCL
Jammu


Chief Engineer (Transmission),
Jammu, JKPTCL

Cost abstract of the schemes under PMDP (PMRRP) for the year 2016-17, 2017-18 & 2018-19 in respect of S&O Wing, Jammu

S. No.	Name of the Scheme / Project	Scheme cost	Scheme cost with 5% Escalation per year based on yearly physical phasing	Priority-I			Remarks
				Proposed Outlay 2016-17	Proposed Outlay 2017-18	Proposed Outlay 2018-19	
[A]	Infrastructure at 220 KV Level						
1	Construction of 220/33 KV Grid Stations along with allied Trans. Lines.						
a	Nagrota (2x50) MVA including S/C line LILO of Udampur-Gladni Tr. Line (5 Kms)	6214.74	6463.33	2485.90	2610.19	1367.24	Shall feed Nagrota, Dhonthly, Karan Nagar etc areas of Jammu city
b	Chowadhi (53.33x3)MVA+(53.33x1)MVA (Spare) including S/C LILO of Hiranagar-Gladni Tr. Line (8 Kms)	7370.24	7665.05	2948.10	3095.50	1621.45	Will supply power to Sainik Colony, Sunjawan areas of Jammu city
c	Samba (53.33x3)MVA+(53.33x1)MVA (Spare) including D/C LILO of Hiranagar-Bishnah Tr. Line (8 Kms)	7950.65	8268.68	3180.26	3339.27	1749.14	For Industrial Estate of Samba
d	Kathua-II (Ghatti) (53.33x3)MVA+(53.33x1)MVA (Spare) including D/C LILO of Thein-Hiranagar Tr. Line (6 Kms)	7752.57	8062.67	3101.03	3256.08	1705.57	For Industrial Estate of Kathua
e	LILO of Double Circuit Hiranagar-Bishnah Tr. Line from 400/220 KV Jatwal Grid Station	594.24	618.01	237.70	249.58	130.7328	For supplying power to Jammu city
2	Construction of 132/33 KV Grid Station						
a	Chatha (2x50MVA) including D/C LILO tapping from 132KV D/C Canal-Miran sahib Tr. Line for Grid station Chatha (8 Kms)	4707.78	4896.09	1883.11	1977.27	1035.71	Shall feed Ranibagh, Karan Bagh, Cantonment areas of Jammu City
[B]	Infrastructure at 132 KV Level						
2	AUGMENTATION OF 132/66 – 33 KV GRID SUB STATIONS						
a	Janipur (2x50)MVA to (3x50) MVA	653.77	679.92	261.51	274.58	143.83	
b	Sidhra (2x20)MVA to (2x50) MVA	852.82	886.93	341.13	358.18	187.62	
c	Pounichak (1x50)MVA to (2x50) MVA	653.77	679.92	261.51	274.58	143.83	
d	Kathua (2x50+1x20)MVA to (3x50) MVA	441.41	459.07	176.56	185.39	97.11	
e	Miran Sahib (1x50+2x20)MVA to (3x50) MVA	852.82	886.93	341.13	358.18	187.62	Feeds Airport, Gadigarn & adjoining areas of
[C]	Re-conductoring of 220 and 132 KV Transmission Lines.						
a	Provision for Re-conductoring of 132 KV D/C Hiranagar Kathua Transmission Line from existing Panther ACSR to HTLS equivalent conductor to double the current carrying capacity of the line (76 circuit Kms.) @ 30 laes/Ckt Km	2280	2371.20	912.00	957.60	501.6	
b	Twinning of bus bar of 220KV bus at Hiranagar from double Zebra to double moose & strengthening of structures.	100	104.00	40.00	42.00	22	
Total (A+B+C)		40424.81	42041.80	16169.92	16978.42	8893.46	

Note: Cost for infrastructure at 66KV level has been arrived at by taking a 10% increased on the approved cost data of infrastructure at 33KV level



Executive Engineer
T.M.D I (JKPTCL)
Jammu.

Superintending Engineer
O&M, Circle-I, JKPTCL
Jammu

Chief Engineer (Transmission),
Jammu, JKPTCL