



पावर ग्रिड कोर्पोरेशन ऑफ इंडिया लिमिटेड  
Power Grid Corporation of India Limited  
सूचना का अधिकार अभिनियम 2005 के अंतर्गत केन्द्रीय लोक सूचना अधिकारी  
Central Public Information Officer under the RTI Act, 2005  
केन्द्रीय कार्यालय, 'सादामिनी', प्लॉट नं.2, सेक्टर-29, गुडगांव, हरियाणा-122007  
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122007



C/CP/RTI/2016/139

Date: 24<sup>th</sup> August, 2016

Shri Reyit Pangge,  
C/o Bapak Tedo,  
Peon O/o Director Land Management,  
Itanagar,  
Arunachal Pradesh-791111

**Sub: Information under Right to Information Act, 2005 (Application No. 139 dated 16.06.2016.)**

Dear Mr. Pangge,

This has reference to your RTI request dated 16<sup>th</sup> June, 2016, seeking information under RTI Act, 2005.

The Information sought is attached at **Annex-I**.

Since, the compilation of the information took some time, the information sought couldn't be provided within 30 days of period. The delay was unintentional and inconvenience caused is regretted, please.

First Appeal, if any, against the reply of CPIO may be made to the first appellate Authority within 30 days of the receipt of the reply of CPIO. Details of Appellate Authority at Corporate Centre, Gurgaon, under RTI Act, 2005 is as below:

Executive Director (CP & IT) & Appellate Authority  
Corporate Centre, Power Grid Corporation of India Limited  
"Saudamini", Plot No. 2, Sector-29, Gurgaon – 122007, Haryana.  
Phone No. 0124-2571960

Thanking you,

भवदीय,

सतीश कुमार जे.  
(सतीश कुमार जे.)

उप महाप्रबंधक (के.आ.) एवं के.लो.सू.अधिकारी  
Phone No. 0124-2822746  
Email ID: [cpio.cc@powergrid.co.in](mailto:cpio.cc@powergrid.co.in)

Encl: As above

Query raised by the Requester pertains to 132kV Transmission Line S/C on D/C tower Along - Yingkiong and 132kV Transmission Line S/C on D/C tower Yingkiong - Tuting which are covered under Tower Package TN08 associated with Comprehensive Scheme for Strengthening of Transmission & Distribution System in Arunachal Pradesh. Accordingly, reply is given hereunder:

S.N.	Query	Reply
(a)	Administrative approval and sanction order	Copy Enclosed at Flag-A
(b)	Comparative statement of Tender	Bids received for the said tender is under evaluation. Hence, the information cannot be provided at this stage
(c)	Technical consumption of Tower Distance between every (Thirty) 30 km of Particular Tower	Reply at Flag-B
(d)	Technical sanction order	Copy Enclosed at Flag-A
(e)	Bank Grantee	The said tender is yet to be awarded, as such Contract Agreement shall be signed after award.
(f)	Agreement	The said tender is yet to be awarded; as such Contract Agreement shall be signed after award.
(g)	Tender Advertisement of News Paper	Copy enclosed at Flag-C
(h)	Details of Payment	The said tender is yet to be awarded, as such Contract Agreement shall be signed after award.
(i)	Abstract Cost of original estimate	Refer reply at (a) above
(j)	Progress Report	The said tender is yet to be awarded, as such Contract Agreement shall be signed after award.
(k)	Earnest Money	Bids received for the said tender is under evaluation. Hence, the information cannot be provided at this stage
(l)	Revised Sanction order	NA
(m)	Utilization certificate	Copy enclosed at Flag-D
(n)	Monitoring Report	Copy enclosed at Flag-E
(o)	Payment Details	The said tender is yet to be awarded, as such Contract Agreement shall be signed after award.

F.No.3/23/2011-Trans  
Government of India  
Ministry of Power  
Shram Shakti Bhawan, Rafi Marg

New Delhi, Dated, 10<sup>th</sup> October, 2014

To

1. Chief Secretary(Power), Government of Arunachal Pradesh, Itanagar.
2. Chief Secretary (Power), Govt of Sikkim, Gangtok.
3. CMD, PGCIL, Gurgaon, Haryana.

Subject: Comprehensive Scheme for Strengthening of Transmission & distribution in Arunachal Pradesh & Sikkim

Sir,

I am directed to convey the approval of the Competent Authority to the Comprehensive Scheme for Strengthening of Transmission & Distribution in Arunachal Pradesh & Sikkim. The scheme will be implemented as a Central Sector Scheme through Power Grid corporation of India Ltd (PGCIL) at an estimated cost of Rs.4,754.42 crore (at April, 2013 price level) with the completion schedule of 48 months from the date of release of first installment (post-investment approval) including the consultancy fee of 12% of the executed cost as per details given in **Annexure-I**.

2. The entire cost of the project will be borne by Government of India through the Plan Scheme of Ministry of Power. The States of Arunachal Pradesh and Sikkim will waive/ reimburse State levied taxes and duties applicable on the project, as already committed by them.

3. Upon Commissioning of the Transmission System, the same shall be transferred to the owner State which would be responsible for carrying out Operation & Maintenance and other related activities at its own cost as per the terms & conditions in the Memorandum of Understanding (MoU) to be signed in this regard between PGCIL and Government of Arunachal Pradesh / Sikkim. A copy of the signed MoU may be submitted to Ministry of Power within two months.

4. The States Governments of Arunachal Pradesh and Sikkim shall ensure that there is no duplication of work between RGGVY and this scheme and that the present scheme is also duly integrated with the downstream distribution system.

5. The broad scope of work under the project is as follows:

**Arunachal Pradesh**

- i. 24 nos. of new 132 kV sub-stations with total additional 529 Megavolt Ampere (MVA) transformation capacity.
- ii. Augmentation of 15 MVA capacity at Daporijo.
- iii. 33 nos. of new transmission lines with total route length of 1917 km. Out of these, 7 nos. of 132kV lines have been planned to be initially operated at 33kV.
- iv. 70 nos. of 33kV substations with total 33/11 kV transformation capacity of 465 MVA about 1923 km of new 33kV lines.

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**Sikkim**

- i. 7 nos of new 132/66 kV substations (590 MVA capacity)
- ii. 14 nos. of 66/11 kV substations (170 MVA).
- iii. 8 nos of 132 kV & 220 kV (initially charged at 132 kV) transmission lines (118 kms) and
- iv. 281 kms. of 66 kV lines.

The detailed summary of works is attached at **Annexure-II**.

6. The year-wise breakup of fund requirement for the base cost is at **Annexure-III**.
7. PGCIL will submit quarterly report to the Ministry of Power indicating financial and physical progress of implementation of activities covered by this sanction.
8. This issues with the concurrence of Integrated Finance Division of Ministry of Power vide their Dy.No.1103/JS&FA dated 8.10.2014.



(S. Venkateshwarlu)  
Under Secretary (Trans)  
Tele-fax: 011-2332 5242  
Email: transdesk-mop@nic.in

Copy, along with enclosures, forwarded to the following:

1. Cabinet Secretariat [Kind Attn: Smt. Sanjukta Ray, Director (Cabinet), Rashtrpati Bhavan, New Delhi] with reference to minutes of the meeting of Cabinet Committee on Economic Affairs held on 15.9.2014 issued vide Cabinet Secretariat Memo No. CCEA/27/2014(i) dated 17.9.2014.
2. Prime Minister's Office (Kind Attn: Shri Satosh D.Vaidya, Director) with reference to their PMO ID No. 210/31/C/29/2014-ES.I dated 21.8.2014, for information.
3. Controller of Accounts, Ministry of Power, Sewa Bhavan, RK Puram, New Delhi.
4. Pay & Accounts Officer, Ministry of Power, New Delhi.
5. Principal Director of Audit, Economic & Service Ministry, AGCR Building, New Delhi.
6. Chairperson, Central Electricity Authority, Sewa Bhavan, RK Puram, New Delhi.
7. Secretary, Planning Commission, Yojana Bhavan, New Delhi.
8. Secretary, Department of Expenditure, North Block, New Delhi.
9. Secretary, Department of Economic Affairs, North Block, New Delhi.

Copy for information to: PPS to Secretary(Power)/ AS(DC)/ JS (Trans)/ JS&FA/ Director (Trans)/US (Fin).

<b>ABSTRACT COST ESTIMATE (BASE COST) COMPREHENSIVE SCHEME FOR STRENGTHENING OF TRANSMISSION &amp; DISTRIBUTION SYSTEM IN ARUNACHAL PRADESH (PRICE LEVEL APRIL '13)</b>		
Sl.No.	Description	Amount (Rs Crore)
A	Preliminary Survey & Soil Investigation	8.2
B	Land Acquisition for Substation and R&R Compensation	54.73
C	Cost of Compensation for Transmission Lines	
i	Compensation towards Crop, Tree & PTCC	62.65
ii	Compensation towards forest	305.67
D	Civil works	
i	Infrastructure for Substations	96.33
ii	Non Resident Buildings	37.20
iii	Colony for Transmission Lines & Substations	221.26
E	Equipment (Supply & Erection Cost)	
i	Transmission Lines	1248.22
ii	Substations	645.97
iii	Voice & Data Connectivity	63.28
F	<b>Sub Total A To E</b>	<b>2743.51</b>
G	Contingency (@3% of F)	82.30
H	Total Cost Excluding consultancy Fees	2825.81
I	POWERGRID consultancy Fee 12% ( excluding land and R&R) and service tax thereon	373.64
J	Total Project Cost Includg consultancy Fees	3199.45
K	Interest During Construction	N.A.
<b>Grand Total</b>		<b>3199.45</b>
<p>Note:1. IDC has not been considered as project is proposed to be funded by MoP from Gol Grant.                  2.Entry Tax has not been considered, if any tax is applicable same needs to be waived by State                  3. The above cost is inclusive of voice &amp; data connectivity amounting to Rs. 63.28 Cr.                  4.The above cost also includes:                  (i) Land and R&amp;R cost: Rs.54.73 Cr.                  (ii) Compensation towards Forest: Rs.305.67 Cr.</p>		

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<b>ABSTRACT COST ESTIMATE (BASE COST) COMPREHENSIVE SCHEME FOR STRENGTHENING OF TRANSMISSION &amp; DISTRIBUTION SYSTEM IN SIKKIM (PRICE LEVEL APRIL '13)</b>		
Sl.No.	Description	Amount (Rs Crore)
A	Preliminary Survey & Soil Investigation	3.09
B	Land Acquisition for Substation and R&R Compensation	108.5
C	Cost of Compensation for Transmission Lines	
i	Compensation towards Crop, Tree & PTCC	109.82
ii	Compensation towards forest	13.16
D	Civil works	
i	Infrastructure for Substations	70.26
ii	Non Resident Buildings	25.61
iii	Colony for Transmission Lines & Substations	64.54
E	Equipment (Supply & Erection Cost)	
i	Transmission Lines	580.01
ii	Substations	341.08
iii	Voice & Data Connectivity	26.76
F	<b>Sub Total A To E</b>	<b>1342.83</b>
G	Contingency (@3% of F)	40.32
H	Total Cost Excluding consultancy Fees	1383.15
I	POWERGRID Consultancy Fee 12%( excluding land and R&R) and service tax thereon	171.82
J	Total Project Cost Includg consultancy Fees	1554.97
K	Interest During Construction	N.A.
<b>Grand Total</b>		<b>1554.97</b>
Note:1. IDC has not been considered as project is proposed to be funded by MoP from Gol Grant 2.Entry Tax has not been considered, if any tax is applicable same needs to be waived by State.		

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I. Summary of scope of works proposed to be implemented in Arunachal Pradesh

(A) Scope of works under DPR of "Intra State : Arunachal Pradesh – Transmission / Sub-transmission(132kV & above)"

Summary of the transmission / Sub transmission system planned for Arunachal Pradesh is as under :

Transmission Line

- 132 kV line (33 Nos.) : About 1917 kms.

Sub-Station

- New Substations (132kV) : 24 nos.  
➤ Total Transformation Capacity (at 132kV level) : 529 MVA

(B) Scope of works under DPR of "Intra State : Arunachal Pradesh - Distribution (Upto 33 kV)"

Summary of the distribution system planned for Arunachal Pradesh is as under :

Sl. No.	Description	Qty.
1.	33 kV line feeders	
	▪ Nos	70
	▪ Length (in km.)	1923
2.	33/11 kV substations	
	▪ Nos of substations	70
	▪ Total MVA	465

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II. Summary of scope of works proposed to be implemented in Sikkim

1. Scope under Transmission / Sub-transmission System (132kV & above):

(A) Scope of works of "Intra State: Sikkim – Transmission / Sub-transmission (132kV & above)"

Summary of the transmission / Sub transmission system planned for Sikkim is as under :

Transmission Line

➤ 220kv & 132 kV line (8 nos.) : About 118 km

Sub-Station

➤ New Substations (132kV & 66kV) : 7 nos.

➤ Total Transformation Capacity (at 132 & 66kV level) : 590 MVA

2. Scope under Distribution System (Upto 66 kV):

(A) Scope of works under DPR of "Intra State : Sikkim – Distribution (Upto 66 kV)"

Summary of the distribution system planned for Sikkim is as under :

Sl. No.	Description	Quantity
1	66 kV line feeders <ul style="list-style-type: none"><li>▪ Nos.</li><li>▪ Length (in km) – D/c</li><li>▪ Length (in km) – S/c</li></ul>	23 116 165
2	66/33 kV substations <ul style="list-style-type: none"><li>▪ Nos. of substations</li><li>▪ Total MVA</li></ul>	1 10
3	66/11 kV substations <ul style="list-style-type: none"><li>▪ Nos. of substations</li><li>▪ Total MVA</li></ul>	13 160

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**Annexure-III**

**The year-wise break-up of fund requirement for base cost**

(Figures in Rs. Crore)

State	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Arunachal Pradesh	157.25	622.84	739.54	1094.04	585.78	3199.45
Sikkim	76.43	305.77	346.09	547.60	279.08	1554.97
<b>Total</b>	<b>233.68</b>	<b>928.61</b>	<b>1085.63</b>	<b>1641.64</b>	<b>864.86</b>	<b>4754.42</b>

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विषय: Reply regarding RTI Query

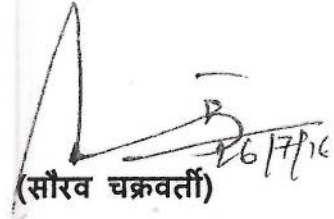
FLAG-B

Please refer to the intimation dated 14.07.2016 regarding RTI query raised by Shri Reyit Pangge.  
Requested Information is furnished against the following query pertaining to Engg-TL department:

*S. No. 3 – Particulars of Information, (c) Theoretical consumption of Tower distance between every (Thirty) 30 km of Particular tower.*

Rejoinder to above para is as below:

S No	Name of Line	Estimated Line length (km)	Estimated number of towers	Estimated number of towers per km
1	132 kV Along-Yingkiong	100	327	3.27
2	132 kV Yingkiong-Tuting	125	430	3.44

  
(सौरव चक्रवर्ती)  
26/7/16



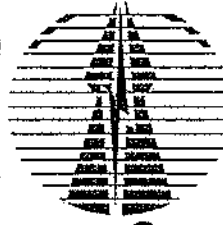
# POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Regd. Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016

Ph.: 011-26560112, Fax: 011-26601081 Website: [www.powergridindia.com](http://www.powergridindia.com)

Email ID: [powergrid@powergrid.co.in](mailto:powergrid@powergrid.co.in) CIN: L40101DL1989GOI038121



पावरग्रिड

## Tower Packages TW05, TW06, TW07 & TW08 under Comprehensive Scheme for Strengthening of Transmission & Distribution System in NER & Sikkim: Intra State: Arunachal Pradesh

Single Stage Two Envelope (SSTE) Bidding Procedure (Funding : Domestic) Date: 23.12.2015

POWERGRID invites online bids through e-portal <https://www.tcil-india-electronictender.com> for the packages [Specification No.: CC-CS/165-NER/TW-3299/3/G4 (TW05); CC-CS/165-NER/TW-3300/3/G4 (TW06); CC-CS/165-NER/TW-3301/3/G4 (TW07); CC-CS/165-NER/TW-3302/3/G4 (TW08)] as per details below:

NIT No./ Group Tel.	Details/ Site	Salient Particulars	Downloading of Bidding Documents Cost of Bidding Documents	Deadline for Bid Submission Soft Copy Part & Hard Copy Part
1206 G4 (0124-2823312/39)	Arunachal Pradesh	132 kV Transmission Lines	23.12.2015 to 22.01.2016 upto <u>1055 hrs.</u> INR 25,000/-	22.01.2016 [1100 hrs.] & 25.01.2016 [1100 hrs.]

For further details including addendum/changes in bidding program, if any, please visit procurement portal <https://www.tcil-india-electronictender.com>.

- The cost of Bidding Documents for above NIT No., in the form of Demand Draft in favour of **Power Grid Corporation of India Ltd.** Payable at **New Delhi/Gurgaon** shall be submitted alongwith Hard Copy part of bid.
- The first Envelope (Techno-Commercial part) of the bid shall be opened 30 minutes after the deadline of Bid Submission (Hard Copy part).
- Bidders to note that NIT for the aforesaid packages, floated earlier [NIT No. 1053 dt. 23.03.2015] has been annulled.
- The complete Bidding Documents are also available on our website <http://www.powergridindia.com> for the purpose of reference only.

**One Nation - One Grid - One Frequency**

PG/CC/NIT/CSL-1206/NIT-1206/NIT-1206/15-16/CY/IBRENT

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SL No.	Project	Total Amount Received in 2014-15	Total Amount Spent in 2014-15	Balance Amount as on 31.03.2015	Total Amount Received so far in 2015-16	Total Amount Spent so far in 2015-16	Balance available as on 31.03.2016	Total Amount Spent so far in 2016-17	Balance available as on 30.06.2016
COMPREHENSIVE SCHEME OF ARUNACHAL PRADESH & SIKKIM									
	Project Cost	1125,54,612		1125,54,612	6164,99,835		7290,54,447		7290,54,447
	Comp. Scheme -Arunachal Pradesh	4987,94,400	3425,92,080	1562,02,320	3589,51,869	164,63,460	4986,90,729	23,17,867	4963,72,862
	Service Tax	616,50,988	423,44,381	193,06,607	520,48,021	23,87,228	689,67,400	3,47,680	686,19,720
	<b>Total</b>	<b>6730,00,000</b>	<b>3849,36,461</b>	<b>2880,63,539</b>	<b>10274,99,725</b>	<b>188,50,688</b>	<b>12967,12,576</b>	<b>26,65,547</b>	<b>12940,47,029</b>

**Comprehensive Scheme for Strengthening of Transmission & Distribution System in  
Arunachal Pradesh**

**A. Background:**

**Location:** Arunachal Pradesh

**Project Cost:** Rs. 2532 Cr.

**Investment approval by GOI:** September 15, 2014 (Sanction order issued 10<sup>th</sup> Oct'14)

**B. Status of the project:**

- ◆ All the NITs of 23 Packages floated.
- ◆ Two nos. Sub-station Packages awarded:
  - (i) Arunachal SS-01A: On 7<sup>th</sup> Jan'16
  - (ii) Arunachal SS-02 : On 1<sup>st</sup> Feb'16
- ◆ One Pile Package awarded:
  - (i) Pile P-01 awarded on 27<sup>th</sup> May'16(Arunachal)
- ◆ Rest packages for Arunachal will be awarded progressively.
- ◆ **Contour Survey of the following Sub-stations (Arunachal) have been completed:**  
Pashighat (New), Niglok, Likabali, Rilo, Bameng, Sepa, Pashighat (Extn), Khupi (Extn.).
- ◆ **Soil investigation of the following Sub-stations (Arunachal) have been completed:**  
Pashighat (New), Niglok, Bameng, Sepa.

**C. Land Status:**

**Land Status for EHV S/S (220 / 132KV) of Comprehensive Scheme, Arunachal Pradesh**

S/S (New)	S/S (Extn.)	Land Available for S/S		Land under negotiation / finalization / acquisition
		New	Extn.	
24	10	11	10	13 Nos.

**Land Status for DMS S/S of Comprehensive Scheme, Arunachal Pradesh**

S/S (New)	Land Available/ Acquired	Land under negotiation/ finalization/ acquisition	Land yet to be identified
70	9	41 Nos	20 Nos.