

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उपक्रम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)



कार्यालय: सौदमिनी, प्लॉट नं-2, सेक्टर 29, गुडगाँव 122001 हरियाणा

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Email: askushwaha@powergridindia.com

04th February 2013

Ref: C-LDC-ER ULDC II-Bihar-03

To,

Chief Engineer (Trans. O&M)
Bihar State Power (Holding) Company Limited
Vidyut Bhawan, Bailey Road
Patna
FAX:- 0612-2504557 Kind Attn:- Er. Jitendra Kishore

Subject: - Expansion and Upgradation of SCADA/EMS System for SLDC

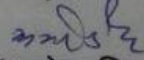
Dear Sir,

1. This is with reference to your letter dated 03/ULDC/2011-2386 dated 05th December 2012. As you might be aware that POWERGRID has gone ahead with Upgradation of SCADA/EMS system as per the decision taken in the 21st ERPC meeting held at Kolkatta through investment from POWERGRID and the investment to be recovered through tariff to be determined by CERC.
2. We have also communicated vide our earlier letter C-LDC-ER ULDC II-Bihar-02 dated 16th November 2012 that the NIT for the SCADA/FMS and RTUs has been done for SLDCs of Eastern Region and ERLDC in Single package and the tariff for the same shall be recovered on the actual cost as determined by CERC. The same was further discussed in the 23rd TCC and ERPC meeting (Agenda item No. C11) held at Kolkatta on 21st December 2012 and it was informed by POWERGRID that the package is under final stage of evaluation and the Award shall be placed shortly.
3. Further CERC has also in the order for the approval of implementation of Expansion/ Replacement of SCADA/ EMS system for SLDC's in Northern Region (32/2011) issued on 28th December 2011 has directed POWERGRID to ensure that the projects for RLDC and SLDCs in respective region be implemented in an integrated and compatible manner to obviate any operational problem in future to achieve optimization of cost and economies of scale.
4. POWERGRID has already gone ahead with its management approval for investment by POWERGRID in line with the ERPC decision and it would not be appropriate at this stage to execute the above project on consultancy basis as an Agreement shall have to be signed between POWERGRID and BSPHCL for the same and the award would have to be placed only after signing of the agreement. This would further delay the project and in such case the AMC of existing SCADA/EMS system of Bihar SLDC shall have to be extended. It may be noted that AMC Contract of existing SCADA/EMS system with ALSTOM is valid up to December 2014.

In view of the above it is requested that the execution of "Expansion and Upgradation of SCADA/EMS System including RTUs and Communication System" through tariff route by POWERGRID may be reconsidered in line with the decision of 21st ERPC and 23rd ERPC. You are requested to send your decision at the earliest to enable us to expedite the Award process.

Thanking you,

भवदीय


(अमरेन्द सिंह कुशवाहा)

महाप्रबन्धक (भार प्रे0 व संचार)

(64)

BIHAR STATE POWER (HOLDING) CO. LTD., PATNA
(Unified Load Dispatch & Communication)
Regd. Office: Vidyut Bhavan, Bailey Road, Patna

Letter no. 03/ULDC/2011 - 361 Patna,

Dated : 19.02.2013

From,

Er. Jitendra Kishore,
Chief Engineer (Trans. O&M)
BSEB, Patna

Fax: 0612 2504 557

To,

Mr. A. S. Kuswaha, AGM. (LD & C)
POWERGRID Corporation of India Limited,
Corporate Center, Saudamini, Plot no.-2, Sector - 29,
Gurgaon - 122001 (Haryana). Ph: 01126856910

Fax: 0124 2571981

Sub: Expansion and up-gradation of SCADA/ EMS System for SLDC- Bihar region.

- Ref:
1. T/o letter no. 03/ULDC/2011 - 511 dated 15.03.2012.
 2. MoM between Powergrid and BSEB dated 09 August' 2012 at Patna.
 3. Powergrid letter no. C-LDC-ER-MRP-BSEB-Ltr-03 dated 31.08.2012.
 4. MoM between Powergrid, ERLDC and BSEB dated 10th October 2012.
 5. Powergrid letter no. C-LDC-ER-MRP-BSEB-Ltr-04 dated 11.10.2012.
 6. T/o letter no. 03/ULDC/2011 - 2206 dated 14.11.2012.
 7. Powergrid letter no. C-LDC-ER ULDC II-Bihar-02 dated 16.11.2012.
 8. T/o letter no. 03/ULDC/2011 - 2386 dated 05.12.2012.
 9. Powergrid letter no. C-LDC-ER ULDC II-Bihar-03 dated 04.02.2013.

Sir,

This is in continuation to T/o letter no. 03/ULDC/2011 - 2386 dated 05.12.2012 and with the reference to Powergrid letter no. C-LDC-ER ULDC II-Bihar-03 dated 04.02.2013. As requested, Powergrid may go ahead with their proposal for "Expansion and up gradation of SCADA/ EMS System including RTU and Communication System" through tariff route in line with the decision of 21st ERPC. And the actual cost / investment incurred by Powergrid, to be recovered in tariff, as decided by CERC.

This is for your kind information and necessary action.

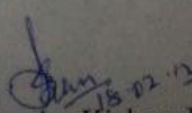
Yours faithfully,

Sd/-
[Jitendra Kishore]
C.E. (Trans. O&M)

Memo No. 361

Dated : 19.02.2013

Copy forwarded to GM, ERLDC, POWERGRID Corporation of India Limited, 14, Golf Club Road, Tollygunj, Kolkata -700 033 (Fax:033 24235809) for information and necessary action.


[Jitendra Kishore]
C.E. (Trans. O&M)

Further ERPC directed POWERGRID to interact with concerned parties with detailed proposal. Accordingly an approach paper and the draft specification was circulated to all the constituents. The feed back received from the constituents were deliberated in the 11th SCADA O&M meeting held at ERLDC on 02nd March 2012. During the SCADA O&M committee meeting, it was agreed that all the constituents would send their requirements, if any, for Fiber Optics, RTU, DC System, PLCC etc. by 20th March 2012 to POWRGRID. The requirements from DVC and BSEB have already been received. The NIT for SCADA/EMS system is expected to be floated in April 2012.

It is proposed that the Constituents Portion (other than ERLDC) of the project "**Expansion and Upgradation of SCADA/EMS System along with Communication System at SLDCs of Eastern Region**" is made part of the existing commercial agreement between POWERGRID and Constituent signed under ULDC project and tariff shall be as determined by CERC.

Members may deliberate and approve.

Deliberation in the TCC meeting

WBSETCL informed that they had already initiated work to give 2nd phase of ULDC project in West Bengal to PGCIL on deposit basis. Now, Powergrid came with a proposal to integrate it with Regional project. Accordingly, WBSETCL stated that they would study the Powergrid's proposal and revert back shortly. Other constituents' did not offer any comment.

Therefore, TCC decided that constituents' portion (other than ERLDC) of the project "Expansion and Upgradation of SCADA/EMS System along with Communication System at SLDCs of Eastern Region" would be made part of the existing commercial agreement between POWERGRID and constituents subject to acceptance by constituents and referred the matter to ERPC.

Deliberation in the ERPC meeting

ERPC took note of the development in respect of West Bengal and accordingly advised Powergrid to go ahead for rest of the constituents.

Item no. A7: Reactive Energy Charges – present status.

The updated position of Receipt/Payment of Reactive Energy Charges in the pool as received from ERLDC in the last Commercial Sub-Committee meeting is indicated in **Annexure – II**.

Members may please note.

Item no. A5: Commissioning of 220 kV bus bar protection at Ramchandrapur & Chandil substations (JSEB) - (Item No. C.4 of 20th TCC meeting)

Due to non-availability of Bus Bar protection at both the sub-stations, the bus fault frequently occurred and cleared by the protection of the ICTs of Jamshedpur 400kV substation (Powergrid).

In the 18th TCC meeting held on 30.06.2011 at Ranchi it was decided that a group with representation from ERLDC, ERPC, Powergrid and JSEB would study the feasibility of installation of bus bar protection at Ramchandrapur & Chandil 220 kV sub-stations of JSEB.

The group visited the above sub-station on 14.11.2011 and 15.11.2011 and submitted the report. The report suggested that the bus bar protection is feasible if spare core of the CT with high knee point voltage is available at Ramchandrapur S/S and Spare CT core as well as interposing CT is made available at Chandil S/s.

On the basis of the report, JSEB agreed in the 20th TCC meeting to accord priority for installation of the same both for Ramchandrapur and Chandil.

ERPC vide its letter dated 06.03.2012 requested Member (T & D), JSEB to initiate action for implementation at the earliest. In the 12th Protection sub-committee meeting held on 26.03.2012, JSEB intimated that implementation of bus bar protection for both the above sub-station is under way.

JSEB may appraise the present status.

Deliberation in the TCC meeting

JSEB informed that work is under way and would take 8 months to complete.

Deliberation in the ERPC meeting

ERPC noted the development.

Item no. A6: Expansion and Upgradation of SCADA/EMS system at ERLDC and SLDCS of Eastern Region

In 20th ERPC meeting held on 17th December 2011, it was agreed in principle that replacement/ Upgradation of existing SCADA/EMS of all SLDCs in Eastern Region and ERLDC shall be done in an Integrated manner. Subsequently, the Honorable CERC in its order for the approval of implementation of Expansion/ Replacement of SCADA/EMS system for SLDC's in Northern Region w.r.t. Petition (32/2011) issued on 28th December 2011 has directed to ensure that the projects for RLDC and SLDCs in respective region be implemented in an integrated and compatible manner to obviate any operational problem in future to achieve optimization of cost and economies of scale.