INDIAN INSTITUTE OF TECHNOLOGY KANPUR

DEPARTMENT OF ELECTRICAL ENGINEERING

Corrigendum 1 – Ref No. IIT/EE/SMART CITY/SCADA/2015/03/CORR01 Dt. 27.01.2016.

Sub: Reply to the queries raised by prospective bidders and Extension of Tender deadlines.

This is in reference to the above Tender Notice regarding "The Supply, Installation, Testing and Commissioning of SCADA and Energy Management System for Smart City Pilot Project at Substations of IIT Kanpur" floated on the IIT Kanpur website at the link http://www.iitk.ac.in/new/data/tender/file/IITEESMARTCITYSCADA201503.pdf with R**ef No: IIT/ EE/SMART CITY/SCADA/2015/03 DT. 31.12.2015**. The following information is to be added as Corrigendum:

The tender proceedings shall be held as per the following schedule:
i)   Last date of receipt of tender: **10.02.16 up to 1500 hrs**.
ii)   Date of technical bid opening of tender: **17.02.16 at 1530 hrs**.
iii)   Date of financial bid opening of tender: **24.02.16 at 15:30 hrs**.

The Single Line Diagram (SLD) of the Substations at IITK has been attached as Annexure 1 for reference.

S. No.	Query Raised	IIT Kanpur Clarification
1	The numbers of actual LT feeders are more than the number of LT feeders mentioned in the BOQ.	The bidder has to quote only for the number of LT feeders as given in the BOQ.
2	Whether Ethernet switch and LAN ports inside the substations will be provided by IIT Kanpur.	Yes.
3	Point no. 2.7 at Page no. 26 of the above tender giving Technical specifications for RTU.	32-bit Processor for RTU can be provided instead of the 64-bit processor for RTU. However 64-bit processor for RTU is also acceptable.
4	Whether the major civil works will be done by IIT Kanpur.	Yes, any major civil works will be done by IIT Kanpur however any retrofit for cable laying/DIN rail mounting for IEDs/meters, panel cutting, fixing, etc. will be covered in the scope of vendor.
5	Whether providing the Source Code is compulsory.	Yes, the transfer of the source code to IIT Kanpur for unrestricted use is compulsory for this project as it is required for further research work.
6	Whether DLMS communication protocols for metering communication is necessary and has to be provided.	Yes.
7	Whether Home Automation and System Integration is in	No, The Home Automation and System Integration are not in the scope of this tender. Separate tenders will be floated for

		the scope of this Tender.	them.
8	Data Concentrator Unit (DCU) License required or not.	Yes, it is required.
9	EMS hardware license or software license required.	Redundancy in software & hardware both for EMS server.
10	Whether the Furniture required will be provided by IIT Kanpur.	Yes.
11	Cost of list of spare parts to be included in the tender or not.	Not Included, but the list has to be given by the bidder for necessary spares. However consumables such as control wires, required for RTU wiring at substation, will be the responsibility of the vendor.
12	RTU type description	PLC based RTUs will also be accepted by IIT Kanpur.
13	Number of HMIs	The HMIs quantity may please be read as "10".
14	SCADA system protocol	Our SCADA system shall be IEC 61970/61968 CIM (Common Information Model) compliant for further communication with other applications.
15	Payment of software	Under general condition of clause 8.11 sub-head 2, this payment for software may please read as " 90% of the payment shall be released only after installation and commissioning - Balance 10% after handing over the system "

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