



Government Woman Engineering College, Ajmer, Makhupura, Nasirabad
Road, Ajmer -305002

INVITATION LETTER

Package Code: TEQIP-III/2019/RJ/gwec/80

Current Date: 05-Jun-2019

Package Name: GWECA/EEE/Smart Grid Lab

Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR GWECA/EEE/Smart Grid Lab

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	Smart Class Energy Efficiency Monitoring System	1	Govt. Women Engineering College, Nasirabad Road, Makhupura, Ajmer, Rajasthan, India	

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Quotation**

- 3.1 The contract shall be for the full quantity as described above.
- 3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
- 3.4 Applicable taxes shall be quoted separately for all items.

- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **90**days after the last date of quotation submission.
6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which
- 6.1 are properly signed; and
- 6.2 Confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
- 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
- 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:
- Satisfactory Acceptance - 10% of total cost**
Delivery and Installation - 90% of total cost
10. Liquidated Damages will be applied as per the below:
Liquidated Damages Per Day Min % :N/A
Liquidated Damages Max % : N/A
11. All supplied items are under warranty of **36** months from the date of successful acceptance of items and AMC/Others is **No**.
12. You are requested to provide your offer latest by **15:00** hours on **19-Jun-2019**.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **Required**

15. Testing/Installation Clause (if any) **Required**
16. Performance Security shall be applicable: **0%**
17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
18. Sealed quotation to be submitted/ delivered at the address mentioned below,
**Government Woman Engineering College, Ajmer,Makhupura, Nasirabad Road,
Ajmer -305002**
19. We look forward to receiving your quotation and thank you for your interest in this project.
20. You are requested to provide the company details viz. **Firm Registration Certificate, GST Registration Certificate** and any other necessary documents **duly certified by Chartered Accountant and Notary Public.**

(Authorized Signatory)

Name & Designation

Annexure I

Sr. No	Item Name	Specifications
1	Smart Class Energy Efficiency Monitoring System	<p>Design & Supply and commissioning for the Smart Class Energy Efficiency monitoring System as per the scope of work List of the equipment required for this project :- PLC - ETHERNET Programmable Fieldbus controller; multitasking ; MODBUS ; SMPS ; EPSITRON® ; ECO Power ; 1-phase ; 24 VDC ; 2.5 A , RS-232/485 Serial Interface (Modbus Master). 4-channel digital output ;24 V AC/DC; 0.5 A, End Module , I/O-PRO (CoDeSys 2.3) Software PackAge , Energy meters including CT PT , Temperature Sensor , PIR Sensor , LUX Sensor , Wireless Router , Enclosure, Contactor , Relay , Power Module Solar/Electric , Solar Panel 100 watt, Automatic Change Over, Wire. Technical Specifications:-</p> <ol style="list-style-type: none">1. Advance PLC based hardware & software system Hardware 1. Moduler Type of system controllers &l/o modules with Modbus TCP, Bacnet , KNX , DALI and various other configuration.2. On board serial port capable of communicating over EIA232 or EIA485 network (switchable)3. On board 2X 10/100 MBPS managed Ethernet ports within built bob smith termination.4. On board SD card slot capable of supporting upto 32 GB5. Minimum 256 MB flash RAM and 256 MB Main Memory.6. EMC immunity of interference as per EN61000-6-2.7. ENC emission of interference as per EN61000-6-2.8. Standard 35mm DIN Rail Mounted IO cards.9. All Status and Diagnostic LEDs.10. Supports Analog signals with minimum 12-16 bit resolution.11. Operating temperature range of 0°C to 60°C and 95% RH. <p>Software/Programming</p> <ol style="list-style-type: none">1. Complete programming and configuration for PLC, on Linux operating system.2. Supports IT protocols for communication including FTP, FTPS, HTTP, HTTPS, SNMP, DI-JCP, NTP, FNS, SSH.3. Supports industrial communication protocol MODBus (TCP, UDP and ftTU).4. Supports all IEC 61131-3 programming languages (Ladder, Functional Block Diagram, Instruction List, Structured Text, Continuous Function Code).5. Able to log data for a minimum of 30 days onboard SD card.6. Able to log data on PC based SQL, CSV for trend and report generation.7. Programmable be other language like Linux, C++, Visual basic , Java , Matlab etc.8. Configurable via onboard ethernet as well as USB ports.

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To: _____

Sl. No.	Description of goods \ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No. _____