

## INVITATION FOR QUOTATION

TEQIP-III/WB/fetj/6

17-10-2017

To,

**Sub: Invitation for Quotations for Supply of Goods**

**Package Code: TEQIP-III/2017/fetj/Shopping/7**

Dear Sir,

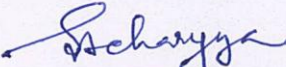
- 1) You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications as given at Annexure - I,

Sr. No	Brief Description	Qty.	Delivery Period (In days)	Place of Delivery	Installation Requirement (if any)
1	Test Bench modules for Programmable Logic Controller	01	45	Department of Electrical Engineering	Yes

- 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:**

- a) The contract shall be for the full quantity as described above.
- b) Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

  
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Kolkata-700 032



c) All duties and other levies payable by the supplier under the contract shall be included in the total price.

d) **Applicable taxes shall be quoted separately for all items.**

e) 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.

f) If you require any "waybill" for transportation of goods to Kolkata, you have to apply in advance separately with a copy of Invoice enclosing a copy of order.

g) **The Prices should be quoted in Indian Rupees only.**

4) Each bidder shall submit only one quotation for most suitable one for the item mentioned only, without any optional item.

5) **Validity of quotation:** Quotation shall remain valid for a period not less than 45 days after the last date of quotation submission.

6) Evaluation of Quotations:

The Purchaser will evaluate and compare the quotations found to be substantially responsive i.e. which

a) are properly signed ; and

b) Conforming to the terms and conditions, and specifications.

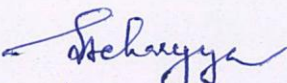
7) The Quotations would be evaluated for all items together.

- Quotations will be compared on the basis of quoted price (Total Cost including all taxes) for goods at its final destination.

- Past performance & experience may be furnished to consider the credential of the bidder

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.

a) 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.

  
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b) The bidder whose bid is accepted will be notified for 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) Delivery:

9.1 Delivery period mentioned in the Purchase Order received by the vendor must be maintained. In case of failing the delivery within stipulated date the order may be canceled if proper justification is not received from the vendor in time.

10) Payment:

10.1) Payment shall be made in Indian Rupees as follows:

100% of the total cost after delivery, satisfactory installation along with demonstration and testing of the goods and also acceptance by the department.

10.2) Payment will be done by online transfer to the bank account of the vendor by NPIU, New Delhi after formalities. Vendor must provide the following details for bank transfer. (a) Account holder Name, (b) Account No., (c) Bank Name, (d) Branch Name, (e) IFSC No., (f) PAN, (g) TAN, (h) GSTIN, (i) TIN, (j) Mobile number.

11) All supplied items are under normal commercial warranty/ guarantee of not less than 12 months from the date of successful acceptance of items, unless specified of warranty for longer duration in the specification.

12) Rate of AMC may be furnished separately, which will be applicable at the end of the normal commercial warrant period.

13) You are requested to submit your offer on or before 15:30 hours on 02-11-2017. Bids will be opened on the same day at 16:00 hours.


14) Detailed specifications of the items are at Annexure I.

15) Training Clause (if any) Demonstration at the time of Installation are to be confirmed.

16) Testing/Installation Clause (if any) Satisfactory Installation & Testing is required

17) Submission of video footage of the successful installation and testing along with Model No. & SL. No. is preferred.

18) Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.


  
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19) Sealed quotation to be submitted/ delivered, within 15:30 hours of 02-11-2017, at the address mentioned below,

TEQIP CELL, 2<sup>nd</sup> Floor, Aurobindo Bhavan, Jadavpur University, 188, Raja S. C. Mallick Road, Kolkata- 700 032.

We look forward to receive your quotation and thank you for your interest in this project.



Prof. Sanjib Acharyya

Nodal Officer, Procurement

TEQIP, Phase-III, JU

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## Annexure I

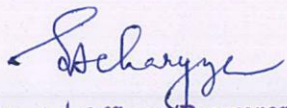
Package Code: TEQIP-III/WB/fetj/6

Sr. No	Item Name	Specifications																		
		<table border="1"><thead><tr><th>Test Bench modules for Programmable Logic Controller</th><th>Qty</th></tr></thead><tbody><tr><td>➤ Traffic Light Control Module</td><td>1</td></tr><tr><td>➤ Bottling Plant Control Module</td><td>1</td></tr><tr><td>➤ Elevator / Lift operation Module</td><td>1</td></tr><tr><td>➤ Liquid Level Control Module</td><td>1</td></tr><tr><td>➤ Star Delta converter module for 3-phase Induction Motor</td><td>1</td></tr><tr><td>➤ DC Shunt Machine</td><td>1</td></tr><tr><td>➤ Wireless AC1200 Dual Band Gigabit Router</td><td>1</td></tr><tr><td>➤ UPS 1KVA</td><td>1</td></tr></tbody></table>	Test Bench modules for Programmable Logic Controller	Qty	➤ Traffic Light Control Module	1	➤ Bottling Plant Control Module	1	➤ Elevator / Lift operation Module	1	➤ Liquid Level Control Module	1	➤ Star Delta converter module for 3-phase Induction Motor	1	➤ DC Shunt Machine	1	➤ Wireless AC1200 Dual Band Gigabit Router	1	➤ UPS 1KVA	1
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1	<b>Test Bench modules for Programmable Logic Controller</b>	<p><b>Traffic Light Control Module</b> - This system will have at least Four lanes crossover with necessary Lamp Post. The four lanes should have necessary signals (Red/Orange/Green) with their corresponding input terminal. The system will have provision to control from external PLC.</p> <p><b>Bottling plant Control module</b> - This model is intended as a control object for programming exercises with a control system. The process consists of a circular conveyer disk on which bottles are placed. As the conveyer rotates, the bottle is sensed and filled. Stainless steel water tank is provided with two solenoids fitted. SS water tank is provided with two solenoids fitted, one for water inlet and the other for bottle filling. Water level sensors are used to sense the water level in the tank and bottles. The system will have provision to control from external PLC.</p> <p><b>Elevator / Lift operation Module</b> - The setup consists of a lift cage to be moved between at least four storey's. Push buttons are provided on all the storey's to call the lift. The lift cage should have some indicator lamps for Lift positioning and door open / close condition. The system will have provision to control from external PLC.</p> <p><b>Liquid Level Control Module</b> - The system should have atleast two tanks (Upper &amp; Lower) and a reservoir. Necessary pumping system with water filling solenoid valve is needed. Necessary</p>																		

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	<p>sensors are provided for controlling the water level. All the inputs must be provided through relay board. The system will have provision to control from external PLC.</p> <p><b>Star Delta converter module for 3-phase Induction Motor (by PLC)</b> - This setup consists of necessary contactors, timers, overload protection for 1 hp Induction Motor. The output and Input terminals are marked and it can be operated either through PLC / Manual mode. The system will have provision to control from external PLC.</p> <p><b>DC Shunt Machine with extended shaft 1HP, 220V</b> - (For fixing Encoder /Tachogenerator) to be fitted on existing base plate of motor set.</p> <p><b>Wireless AC1200 Dual Band Gigabit Router - High-Gain Antennas</b> - Wider coverage throughout your home; Dual Band - Browse the web on one band while streaming media on the other; AC1200 Speeds (up to 300Mbps on 2.4GHz and 867Mbps on 5GHz) - Fast HD/3D streaming speeds; Supports Secure Wireless Encryption Using WPA or WPA2 Security - Peace of mind with a secure connection.</p> <p><b>UPS - 1 KVA</b> - Audible alarms Provides notification of changing utility power and UPS power conditions Automatic self-test Periodic battery self-tests ensures early detection of a battery that needs to be replaced. Automatic Voltage Regulation (AVR) Automatically steps up low voltage and steps down high voltage to levels that are suitable for your equipment. Boost and Trim Automatic Voltage Regulation (AVR) Eliminates voltage fluctuations as a source of AV signal degradation and component power-supply stress. Cold-start capable Provides temporary battery power when the utility power is out.</p>
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# FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Package Code:TEQIP-III/WB/fetj/6

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)	Applicable Taxes		
						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: \_\_\_\_\_