



THE NATIONAL INSTITUTE OF ENGINEERING

(An Autonomous Institution)

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME PHASE-III

Manandavadi Road, Mysuru – 570 008.

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Date: 06-09-2018

Invitation for Quotations

Quotations are invited for the procurement of the following equipments under TEQIP– III

1. **Equipment:** Data Acquisition System, Qty- 1

Sr. No	Item Name	Specifications
1	Data Acquisition System	<p>1. NI cDAQ-9178, Compact DAQ chassis (8 slot USB)</p> <ul style="list-style-type: none"> a. AC Power Cord for Compact DAQ Chassis b. Carrying Case for Compact DAQ Chassis c. Power Supply Accessories <p>2. Input module for displacement measurement (especially dynamic) - 4 slots in one input module</p> <ul style="list-style-type: none"> 4 channels: +/-10 V, 16-Bit, 500 kS/s/ch, 4-Ch AI Module <p>3. Input module for strain Measurement - 4 slots in one input module</p> <ul style="list-style-type: none"> 4 channels: Ch-Ch Isolated, 24- bit, ±60V,100S/s, Universal AI Module <p>4. Input module for load - 4 slots in one input module</p> <ul style="list-style-type: none"> 4 channels: +/-10 V, 16-Bit, 100 kS/s/ch, 4-Ch AI Module <p>5. Input module for temperature measurement - 4 slots in one input module</p> <ul style="list-style-type: none"> 4 channels: ±80 mV, 14 S/s, 24-Bit TC and Diff AI Inputs <p>6. Input module for Vibration measurement - 4 slots in one input module</p> <ul style="list-style-type: none"> 4 Channel: 51.2 kS/s, Analog Output Range: -5V to 5V, IEPE excitation: 2mA, 24 Bit Connection Type: BNC <p>7. Software Package: -</p> <ul style="list-style-type: none"> a. Labview Based custom software for analyzing& Recording various parameters of sensors. b. For Accelerometer Sensor: Software should be capable of providing FFT of all 4 sensors along with Frequency Response Function(FRF). <p>8. Sensors:</p> <ul style="list-style-type: none"> a. Accelerometer: 2 Nos <ul style="list-style-type: none"> - ICP Type - Miniature - Ceramic shear ICP® accel., - 100 mV/g - Aluminum housing - 10-ft detachable cable b. Displacement Sensor - Contact Type – 2 Nos <ul style="list-style-type: none"> - 0 to 150 mm Range - Analog Output 0 to 10V or 0 to 20mA - Contact Type - Resolution - 0.01 mm c. Load Cell: 2 Nos <ul style="list-style-type: none"> - Compact - 500 kN capacity \ - Analog Output (0 to 20 mA) or 0 to 10V

		<p>- Flat Type</p> <p>d. Strain Gauge: 10 Nos</p> <p>-Gage Length 0.3mm to 60mm</p> <p>-Gage Resistance Within $\pm 0.3\%$ of the nominal resistance</p> <p>e. Thermocouple: Type K Thermocouple: 2 Nos</p> <p>-Range: 0 to 1260 deg C -Sensitivity: +/- 10%</p>
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Delivery Period: 60 Days from the date of issue of purchase order. Warranty Period: 36 Months

Terms and Conditions

- i. Quotation should be invariably in the prescribed **format enclosed**; otherwise it is **liable to be rejected**.
- ii. Quotation should be sent in a **sealed cover superscribed as "Quotation for the supply of Data Acquisition System under TEQIP III"** to the office of the Principal (TEQIP- III), The National Institute of Engineering, Manandavadi Road, Mysore 570 008.
- iii. Last date and time for submission of quotation **21-Sept-2018, 17:30 hours**.
- iv. Installation and demonstration shall be at **Department of Civil Engineering, NIE, Mysuru**.
- v. Quotation should be valid for **45 days** from the last date of submission of quotation.
- vi. Equipment should be delivered at **Department of Civil Engineering, The National Institute of Engineering, Manandavadi Road, Mysore - 570008**.
- vii. **100% payment on installation, demonstration, successful completion in all respects and final acceptance by the Purchaser**.
- viii. **Authorized Dealer/ Channel Partner Certificate from the company** should be enclosed along with the quotation.
- ix. 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.

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: _____