



NATIONAL INSTITUTE OF TECHNOLOGY,
TIRUCHIRAPPALLI, TAMILNADU, 620015 Ph- 9443013136

INVITATION LETTER

Package Code: TEQIP-III/2019/nitt/174

Current Date: 16-Dec-2019

Package Name: Flow meter measurement and calibration
system

Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR FLOW METER MEASUREMENT AND CALIBRATION SYSTEM

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	Flow meter measurement and calibration system	1	Department of Instrumentation and Control Engineering NIT Trichy 620015.	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

- 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 **60** days after the last date of quotation submission.
GST 5%-as per column ((4) II under notification no.45/2017 Central Tax- (Rate), Date. 14.11.2017 Notification no.46/2017 integrated Tax – (Rate), Date. 14.11.2017.
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:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory Delivery & Installation and Satisfactory Acceptance	60 Days	100%

Liquidated Damages will be applied as per the below:

10. Liquidated Damages Per Day Min %: N/A
Liquidated Damages Max %: N/A
11. All supplied items are under warranty of **12** 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 **27-Dec-2019**. **Opening time :-27 December 2019 16.00 hours at TEQIP Office, Administrative Building, NIT Trichy.**
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **one Day Training And Demo**
15. Testing/Installation Clause (if any) **Installation at Department of Instrumentation and Control Engineering NIT Trichy 620015.**
16. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

17. Sealed quotation to be submitted/ delivered at the address mentioned below, **Head of the Department, Department of Instrumentation and Control Engineering NIT Trichy 620015.**

Kind Attn: Dr. M. Umapathy

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

Note : The cover should be duly superscribed

- (1) Quotation Reference Number
- (2) Quotation for the Supply of _ _ _ _ _
- (3) Date of opening _ _ _ _ _

**(Dr.G . Uma)
HoD/ ICE**

Annexure I

Sr. No	Item Name	Specifications
1	Electromagnetic flow meter	<p>TECHNICAL DESCRIPTION Meter Size: DN 15 Flow rate: Minimum 10 LPM & Maximum 80 LPM Working fluid: Water Calibration master flow meter: Electromagnetic flow meter of size DN 15 with the flow range: 2 LPM to 100 LPM, calibration accuracy of 0.5 % reading and with calibration certificate. Quantity required: 1 Test flow meter(s) required: Turbine flow meter of size 1/2" and Vortex flow meter of size 1/2" Quantity required: 1 number each Meter mounting and clamping arrangement: Flanged connection, Manual clamping Pump for water supply: 100 LPM, 1 HP/0.745 kW/ 1 Phase/50 Hz Storage Tank (MS Powder Coated) : Capacity: 250 Litres Pressure Measurement: Pressure Gauges (Inlet/ Outlet), Range: 0 to 10 bar, Dial Size: 100mm, accuracy: 1.6% FS. Temperature Measurement: Pt- RTD with indicator, Range: 0 to 100 Deg C Flow Control: Through VFD connected to the pump (control from control panel) & Manual Throttle valve with Electromagnetic flow meter. Material of construction: Powder coated mild steel for test bench frame. Piping in mild steel. All other wetted parts shall be SS 304/ Brass / Aluminium Electronics Console / Control panel: To mount start/ stop button, Emergency- ON/ OFF, Pump-ON/ OFF, VFD Control knob. Indication of test flow meter model/ serial numer and its output. Pressure and temperature indicators. Power supply: Single phase- 230 V AC/ 50 Hz, 2 kW Overall dimensions of the Rig: Appx. 2500 X 1000 X 3000 mm (LBH) Mode of operation: Manual Number of test line required: 2 Number of calibration line required: 1 Rate for the test flow meters required to be quoted separately (not along with the flow Rig)</p>

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. _____