



# Government College of Engineering

Station Road, Osmanpura, Aurangabad – 431 005

"In Pursuit of Global Competitiveness"

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## INVITATION FOR QUOTATION

GECA/E&TC/Purchase/2016-17/785

Date : 03/03/2017

To,  
GECA Website & notice Board

### Sub: Invitation for Quotations for supply of following Goods

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	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Pressure measurement with pressure generator	2	07 Days	E&TC Department Govt. College of Engineering, Aurangabad	YES
2	Load measurement using strain gauge (load cell)	2			
3	Temperature measurement using thermocouple	2			
4	Angular displacement kit	2			
5	Thermistor / ad590 kit	2			

2. Quotation,
  - 2.1 The contract shall be for the full quantity as described above.
  - 2.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
  - 2.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
  - 2.4 Applicable taxes shall be quoted separately for all items.
  - 2.5 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.
  - 2.6 The Prices should be quoted in Indian Rupees only.
  - 2.7 Rates Quoted should be FOR Aurangabad or free delivery at the institution
3. Each bidder shall submit only one quotation.
4. Quotation shall remain valid for a period not less than **06 months** after the last date of quotation submission.
5. Evaluation of Quotations,  
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- 5.1 are properly signed ; and  
5.2 confirm to the terms and conditions, and specifications.

6. 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.

6.1 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.

6.2 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.

7. Payment shall be made in Indian Rupees as follows:

**Delivery and Installation And Training - 100%**

8. All supplied items are under warranty of 12 months from the date of successful acceptance of items.

9. You are requested to provide your offer latest by 16:00 hours on 10/03/17

10. Detailed specifications of the items are at Annexure I.

11. Training Clause (if any) **1 Days Training for Faculty members and related student**

12. Testing/Installation Clause (if any) **Asper Satisfaction of Expert Faculty member**

13. **Information brochures/ Product catalogue should be enclosed with the quotations clearly indicating the model quoted for.**

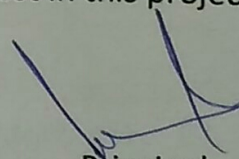
14. Sealed quotation to be submitted/ delivered at the address mentioned below,

The Principal Government College Of Engineering, Railway Station Road, Osmanpura Aurangabad.

Aurangabad Maharashtra, India 431005 .Subscribed as Quotation for E&TC. Dept.

**GECA/E&TC/Purchase/2016-17/ 785** Date : 03/03/17 Due Dt. 10/03/17

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

  
Principal  
Govt. College of Engg.,  
Aurangabad

### Annexure I

Sr. No	Item Name	Specifications
1	Pressure measurement with pressure generator	<p><b>PRESSURE TRANSDUCER WITH INSTRUMENTATION &amp; INDICATOR .</b>            Set up should consists of strain gauge type industrial grade pressure transducer up to capacity of 5 Kg/sq cm. Built in Instrumentation, Amplifier, Digital indicator and highly stable DC power supply. Trainer to be provided with</p> <p>a) Air storage tank of suitable capacity with piping, pressure indicator and valve.            b) Foot pump for generating pressure in the tank.</p>
	Load measurement using strain guage (load cell)	<p><b>LOAD CELL WITH INSTRUMENTATION &amp; INDICATOR.</b>            Set up should consist of beam type highly stable industrial grade Load cell up to capacity of 5kg. Provided with required Instrumentation, Amplifier, Digital indicator, Highly stable DC regulated power supply. Mechanical loading arrangement housed in Transparent enclosure, Set of weights etc.</p>
	Temperature measurement using thermocouple	<p><b>MEASUREMENT OF TEMPERATURE USING THERMOCOUPLE WITH INSTRUMENTATION.</b>            Trainer suitable to measure the temperature using K type Cr-Al Thermocouple housed in S.S. type industrial housing. Set up should be provided with Heater with facility to vary heater power, temp range upto 200<sup>0</sup>C, Required instrumentation with amplifier, 3 1/2 digit digital indicator of temperature, DC regulated power supply etc.</p>
	Angular displacement kit	<p><b>POTENTIOMETER &amp; ITS LOADING EFFECT.</b>            The trainer provides three different experiments</p> <ol style="list-style-type: none"> <li>1) The study of multi turn potentiometer for measurement of angular displacement.</li> <li>2) Potentiometer as an error corrector / detector.</li> <li>3) Loading effect of potentiometer.</li> </ol> <p>In the trainer students should get acquainted with fundamental aspects of angular measurement, loading, how it occurs, how it can be minimized or avoided. The use of potentiometer as an error corrector is also performed on this unit. Two high precision 10 turn potentiometers(0-3600 deg), with dial are given to perform different experiments. Provided with in built DC voltmeter.</p>
	Thermistor / ad590 kit	<p><b>MEASUREMENT OF TEMPERATURE USING THERMISTOR WITH INSTRUMENTATION.</b>            Trainer suitable to measure the temperature using NTC type disc/glass bead Thermistor. Set up should be provided with Heater with facility to vary heater power, required instrumentation with amplifier, 3 1/2 digit digital indicator of temperature, DC regulated power supply etc.</p>