



Government College of Engineering

Station Road, Osmanpura, Aurangabad – 431 005

“In Pursuit of Global Competitiveness”

Phone : (0240) 2366101

Fax : (0240) 2332835

E-Mail – principalgeca@yahoo.com,

Web – http://www.geca.ac.in

INVITATION FOR QUOTATION

GECA/E&TC/Purchase/2016-17/885

Date : 10/03/2017

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) |
|--------|---|----------|--------------------------|--|-----------------------------------|
| 01 | QPSK, OQPSK, DQPSK Modulator & Demodulator | 01 | 07 Days | E&TC Department Govt. College of Engineering, Aurangabad | Yes to all |
| 02 | 30 V, 2 A Power Supply with Automatic Overload Protection | 5 | | | |
| 03 | Function Generator | 5 | | | |
| 04 | Oscilloscope | 5 | | | |

2. 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.
 - c. All duties and other levies payable by the supplier under the contract shall be included in the unit 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. The Prices should be quoted in Indian Rupees only.
 - g. 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

 - a. are properly signed ; and
 - b. 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.

- 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.
- b. 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 20/03/2017

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**

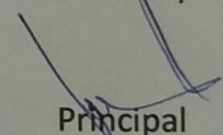
13. **Information brochures/ Product catalogue should be enclosed with the quotations clearly indicating the model quoted for.**

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/ 885 Date : 10/03/2017 Due Date: 20/03/2017

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


Principal
Govt. College of Engineering,
Aurangabad

Annexure I

| Sr. No | Item Name | Specifications |
|--------|---|--|
| 01 | QPSK, OQPSK, DQPSK Modulator & Demodulator | Modulation & Demodulation Techniques: QPSK, OQPSK, DQPSK Internal Data Generator: Digital data Data Pattern: 8-Bit , 16-Bit , 32-Bit , 64-Bit Frequency: 2KHz, 4KHz, 8KHz, 16KHz Internal Carrier Generator: Direct Digital Synthesized Carrier Signal: Sine, Cosine Crystal Frequency: 8MHz. |
| 02 | 30 V, 2 A Power Supply with Automatic Overload Protection | DC Output : 30 V, 2 A continuously Variable by means of coarse and fine controls Current limit : 100mA - 2A Continuously adjustable 0 - 30 V Resolution : Voltage : 100 mV Current : 10 mA Internal Resistance : ≤ 15 mW Stability : 2.5 mV at 30 V / 2A Recovery Time : ± 50 μ s Load Regulation : $\pm(0.05\% + 10$ mV) Line Regulation : $\pm(0.05\% + 10$ mV) Temperature Coefficient : $\pm(0.05\% + 5$ mV / $^{\circ}$ C) Ripple & Noise : ≤ 1 mVrms Display : 3 digit for voltage & 3 digit for current L E D indication for Voltage & Current Accuracy : $\pm(1\% + 1$ digit) |
| 03 | Function Generator | 5 MHz Function pulse generator with 40MHz frequency counter, sine, square, triangle, ramp 16x 2 character LCD display Frequency range of waveform <ol style="list-style-type: none"> 1. Sine wave: 1μHz to 40Mhz 2. Square wave 1μHz to 5Mhz 3. Pulse wave: 500μHz to 3Mhz 4. Saw tooth wave : 1mHz to 1Mhz 5. Arbitrary wave: 1mHz to 1Mhz |
| 04 | Oscilloscope' | Bandwidth: DC - 20MHz (-3dB), dc coupled. 10Hz - 20MHz (-3dB), ac coupled. DC - 28MHz (-6dB). Rise Time: 17.5nsec or less. Display Modes : CH1, CH2, CH1 & CH2 Alternate or Chop mode & X-Y, CH1-Y, CH2-X, Algebraic ADD and SUBTRACT with CH2-INVT. Input Impedance: 1M ohms & 25pF (approx). Maximum Input: 500 Volts (dc + peak ac). Voltage Internal Trigger: CH1 or CH2. |