



# 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/2016-17/972

Date: 17 MAR 2017

To,

Geca Web Site and Notice Board

**Sub: Invitation for Quotations for providing and fitting of aluminum partition**

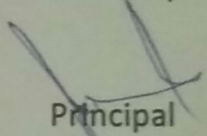
Dear Sir,

1. You are invited to submit your most competitive quotation for the following work with item wise detailed specifications given at Annexure I,

| Sr. No. | Brief Description              | Quantity Approx | Delivery Period(In days) | Place of Delivery  | Installation Requirement (if any) |
|---------|--------------------------------|-----------------|--------------------------|--|-----------------------------------|
| 01      | 3GHZ RF GENERATOR AND DETECTOR |                 | 07 Days                  | E&TC Department<br>Govt. College of Engineering,<br>Aurangabad | Yes to all                        |

2. Quotation,
- The contract shall be for the full quantity as described above.
  - Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
  - All duties and other levies payable by the supplier under the contract shall be included in the unit price.
  - Applicable taxes shall be quoted separately for all items.
  - 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.
  - The Prices should be quoted in Indian Rupees only.
  - 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
- are properly signed ; and
  - 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 27/03/2017
  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/ 972**      **Date: 17.3.17 Due Date: 27/03/2017**
  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 |
|--------|-----------|----------------|
|--------|-----------|----------------|

3GHZ RF  
GENERATOR  
AND  
DETECTOR

The RF Generator and Detector system should be PLL Synthesized with frequency range from 100 MHz to 3 GHz. This system should have built-in modulation capabilities (AM, FM, PSK). This system should have the facility to be controlled through the membrane keypad as well as remote control through PC. The GUI Software provided along with the system should have inbuilt cable calibration facility and possibility to measure the Insertion Loss, VSWR, Return Loss and Impedance. This system should be suitable to be integrated with Microstrip component training system and Transmission Line SPECIFICATIONS

Source: Frequency: 100 MHz to 3 GHz,  
Frequency resolution: 1MHz,  
Frequency Generation Modes: Single tone, frequency sweep, frequency hopping, Frequency sweep for  $\leq 3.8$  sec, full span, Frequency offset:  $\pm 100$ Hz, Power max: +3dBm, Power min: 30dBm, Power variation:  $\pm 0.5$ dB, Power resolution: 0.5 dB, Power sweep mode: 3.9 sec, AM Modulation Range: 100MHz to 2.8GHz, FM Modulation Range: 300 MHz to 1 GHz, PSK Modulation Range: 100 MHz to 1 GHz Operating mode: Single, CW, hopping, Detector: Dynamic range: -50 to 10 dBm, RF Detector sensitivity: -60dB, Interface: USB-B plug, Impedance: 50 ohm, Display: LCD, 128 x 64 Graphic display, Key Pad: Membrane Type, Software: User friendly GUI to display the stored results and plot the same. Inbuilt Cable calibration facility to be provided and measurements facility and plotting the VSWR, Return Loss, Impedance of DUT External Directional coupler to be provided with following specification: Wideband, Insertion loss = 0.5dB, Coupling = 10dB