

## **College of Engineering Pune**

(An autonomous Institute of Govt. of Maharashtra) Shivajinagar, Pune - 411005. Department of Electronics and Telecommunication

Reference No: COEP/E&TC/CRO /2017-18/49

Date: 2.2.2018

**Subject** : Inviting quotations for Supply and installation of "30 MHz Oscilloscope with Component Tester" at College of Engineering Pune.

**Enquiry** Letter

Sealed quotations are invited from reputed organizations for supply of "30 MHz Oscilloscope with Component Tester" at College of Engineering Pune as per the **Annexure- I**.

## **Terms and Conditions:**

- 1. Execution Period: 4 weeks from the release of purchase order.
- 2. Supply and Installation:

Supplier shall be responsible for successful Installation and testing of "Oscilloscope with Component Tester " at College of Engineering Pune. Any defective component will be replaced by supplier at his cost.

- **3. Service Support:** Comprehensive Support (parts, labor) has to be provided for a minimum period of 3 years by the supplier from date of installation and Testing of equipment.
- 4. Comprehensive Warranty:

Three years Comprehensive Warranty for Supplied items from the supplier with replacement. The Supplier shall be fully responsible for the Manufacturer's warranty for all equipment, accessories, spare parts etc. against any defects arising from material, manufacturing, workmanship, or any act or omission of the manufacturer / supplier or any defect that may develop under normal use of supplied equipment during the warranty period. In case the supplier is unable to fulfill his obligations during the warranty period, the warranty obligations will fully and automatically devolve upon the Manufacturer of the goods. The supplier shall be fully responsible for getting the product replaced from the principal company or coordinating the same with the principal company during the warranty period.

## 5. Payment Terms & Conditions:

**Payment:** 90% payment shall be made at the earliest towards supply of equipment on the delivery of item in good condition in stores of College of Engineering Pune and remaining 10% after its successful installation and testing of "Oscilloscope with component tester "at College of Engineering Pune as notified by the purchaser.

6. The supplier shall have to quote for all the items of the quotation. Part Quotations/incomplete Quotations shall be summarily rejected. Prices quoted should be

inclusive of all taxes/levies.

- 7. Offers in Quotation should be written in English and price should be written in both figures and words.
- 8. Please specify the make and model of the item.
- 9. Quotation(s) received after last date of Quotation submission will be rejected.
- 10. The institute reserves the right to select or reject the offer of the supplier .
- **11.** The Institute reserves the rights to split the purchase order.
- **12.** The Institute reserves the rights to cancel any of the items of quotation without any reason thereof.
- **13.** The Institute reserves the rights to decide the quantity of any of the items of quotation for finalizing the purchase order without any reason.
- **14.** The Institute reserves the right to cancel purchase order, before or after the delivery of material before making payments, without giving any reasons thereof.
- 1. The last date for submission of Quotation is **17.2.2018 before 15.30 Hours**. Quotations received beyond the submission date / time will not be accepted and will be rejected, unopened.
- 2. Quotations will be opened on 17.2.2018 at 16.00 Hours at Dept. of E&TC ,College of Engineering Pune in presence of the supplier's representatives who wish to attend. In the event of any change in the date of opening, the same will be intimated to all.
- 3. The Vendor shall seal the quotation in an envelope addressed to: Director, College of Engineering Pune. The envelope will also bear the following identification:-"Quotation for Supply and installation of 30 MHz Oscilloscope with Component Tester at College of Engineering Pune."
- 4. Quotation must be received in the Office of College of Engineering Pune.

p, lege 12/18 Head.

Electronics & Telecommunication Department, College of Engineering Pune

## Annexure- I

Format for Quotation for Supply and installation of 30 MHz Oscilloscope with Component Tester at Dept. of E&TC, College of Engineering Pune.

| Sr.   | Item with specifications  | Qty   | Basic in Rs. | Total Amount            |
|---|---|-------|--------------|-------------------------|
| No.   | item with specifications  | in    | (Exclusive   | in Rs.                  |
| 1 (0.   |   | Nos.  | of all       | (Exclusive of           |
|   |   | 1100. | Taxes)       | all Taxes)              |
| 1.  | 30 MHz Oscilloscope with Component Tester   | 10    | Tuxes        | uii iuxeo)              |
|   | Dual Channel  | 10    |              |                         |
|   |   | _     |              |                         |
|   | Bandwidth : DC to 30 MHz (-3 dB)  |       |              |                         |
|   | <ul> <li>Risetime : 12 ns approximately</li> <li>Deflection coefficients : Microcontroller based</li> </ul> |       | · ·          |                         |
|   | 12 calibrated steps 5 mV/cm-20 V/cm (1-2-5  | 1.1   | 1            |                         |
|   | sequence)   |       | _            |                         |
|   | • Time coefficients: Microcontroller based 18   |       |              |                         |
|   | calibrated steps, 0.5µs/cm-0. 2s/cm (1-2-5  |       | -            |                         |
|   | sequence).  |       |              |                         |
|   | • Accuracy : ±3 %   |       |              |                         |
|   | <ul> <li>Input Impedance : 1 MΩ   30 pF approximately</li> </ul>  |       |              | a station of the second |
|   | Magnifier: X10  |       |              |                         |
|   | <ul> <li>Stable Triggering upto 40 MHz</li> </ul>   |       |              |                         |
|   | • Electronic Display: 32 character backlit alphanumeric LCD   |       | i kana       |                         |
|   | • Component tester reference images on LCD Display.   |       |              |                         |
|   | • Continuity Tester : Beeper sounds <75 W   |       |              |                         |
|   | • Power Requirements: $230 \text{ VAC} \pm 10\%$ , $50/60$  |       |              |                         |
|   | Hz  |       |              | piere in                |
|   | • Accessories: CRO Probes - 02 No, Power cord -   |       |              |                         |
|   | 1 No.   |       |              |                         |
|   | Warranty: minimum 3 Years   |       |              |                         |
|   | Total Amount (Exclusive of all Taxes) in Rs.  |       |              |                         |
| Total Amount (Exclusive of all Taxes) in Rs.                |   |       |              |                         |
| Taxes in Rs.  |   |       |              |                         |
| Total Amount (Inclusive of all Taxes) in Rs.                |   |       |              |                         |
| Total Amount (Inclusive of all Taxes) in words Rupees Only. |   |       |              |                         |
|   |   |       |              | -                       |

2/2/18 PEle Head,

Electronics & Telecommunication Department, College of Engineering Pune

18

(R. P. Bartalel)

(Niture Deeplaxmi V.)

02/18

Page 3 of 3