



DOEACC SOCIETY – GORAKHPUR CENTRE

(Formerly CEDTI)

(A Scientific Body of Dept. of Information Technology, Ministry of  
Comm. & Information Technology, Govt. of India)  
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12-2009

Date: 21-

**INVITATION TO QUOTE RATES**

( Last date for Submission : 12.01.2010 )

To,

On Website Copy

Dear Sir,

You are requested to quote rate(s) for the items mentioned below as per the specifications given below.

Sr. No.	Name of the Item(s)	Des/Specification.	Qunty Requd	Unit
01	Analog IC Tester	Specifiction :	01	No.
02	0.30V/5mA Power Supply	Enclosed	02	Nos
03	3½ digit digital Multimeter	Annexure-I, II	04	Nos
04	Microprocessor Basd PID Trainer		01	No.
05	LVDT Trainer Kit		01	No.
06	RTD Trainer Kit		01	No.

The Terms & Conditions given overleaf should be read carefully and noted in order to comply with.

Yours faithfully,

For DOEACC SOCIETY-GORAKHPUR CENTRE  
Authorised Signatory  
[PTO]

**TERMS AND CONDITIONS (FOR LIMITED TENDER)**

1. The quotation should be addressed to Director, DOEACC SOCIETY-GORAKHPUR CENTRE.
2. The price quoted should be firm and F.O.R. DOEACC SOCIETY-GORAKHPUR CENTRE. Wherever possible, educational prices should be quoted. Quantity indicated is tentative and is subject to change.
3. The quotation/offer should be submitted on or before last date of submission (Due Date) in a sealed envelope. The envelope should be superscribed as “**Quotation for “TRAINER KITS ”**”and should bear the enquiry number and due date on the top. Quotations received after the due date will not be considered.
4. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
5. Customs Duty, Excise Duty, Sales Tax, C & F, Packing & Forwarding, Insurance, Transportation, Octroi, Installation, Training, etc charges should be separately mentioned. Discount, if any, should also be mentioned. Total price of the goods should also be mentioned.
6. Octroi of Respective Municipal Corporation may either be included or may be shown as ‘at actual’.
7. Delivery period and place of delivery should be clearly mentioned. Delivery Location should be F.O.R. DOEACC SOCIETY-GORAKHPUR CENTRE..
8. The goods should be quoted along with a guarantee/warranty period of minimum ‘**one year**’ from the date of successful installation.
9. Validity of the quotation should be mentioned. Normally quotations should be valid for at least 60 days from the date of opening of the quotation.
10. The bidding firm must have a valid Sales Tax Registration Number which must be indicated on the quotation.
11. Payment Terms:
  - a. No advance payment (Prepayment) will be made at any cost.
  - b. Payment @ 90 % of the invoice value to the successful bidder will be made after physical verification / satisfactory installation and commissioning of the goods at DOEACC SOCIETY-GORAKHPUR CENTRE., Gorakhpur will make remaining 10% payments after completion of satisfactory training / acceptance of the goods.
12. Detailed description & technical specifications of the goods quoted by you should be provided. Technical literature / brochure should accompany the quotation.
13. Manufacturing license or authorized Distributor / Principal or Dealer Certificate copy should be enclosed.
14. OEM items if any, should be supplied in the original sealed packing of the original equipment manufacturer and should be opened at SOCIETY-GORAKHPUR CENTRE.in the presence of Center’s representative only.
15. It will be binding on the part of the successful bidder to supply the goods at the rates quoted, failing to which the EMD will be forfeited the firm will be removed from the suppliers list and no further enquiries would be sent.
16. DOEACC SOCIETY-GORAKHPUR CENTRE. does not bind itself to accept the lowest or any such quotation and has the right to accept or reject whole or any part of tenders or a portion of the supply of goods without assigning any reasons. No correspondence in case of rejected tenders will be entertained. Incomplete quotations are liable to be rejected.

17. All questions, disputes or differences arising under and out of or in connection with the contract, if concluded, shall be referred to the sole arbitrator appointed by the Director, DOEACC SOCIETY-GORAKHPUR CENTRE.

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Annexure - I

### **0.30V/5mA Power Supply**

#### **Specification:-**

- ❖ Constant Voltage & Constant Current operation
- ❖ Digital display for Voltage & Current.
- ❖ Adjustable Current limiter
- ❖ Protection against over load & short ckt.

DC Output	:	30V/5A
Setting Resolution	:	V = 10mV I = 5mA
Load Regulation	:	$\leq \pm (0.05\% + 10\text{mV})$
Line Regulation	:	$\leq \pm (0.05\% + 10\text{mV})$
Ripple & Noise	:	1 mV rms
Internal Resistance	:	$\leq 10 \text{ M}\Omega$
Stability	:	$\leq 2.5 \text{ mV}$ at full load.
Recovery time current limit	:	$\leq 50 \mu\text{s}$ .
Adjustment	:	100 mA to Max.
Display	:	display for Voltage & Current
Insulation	:	1-chassis & output in terminal $> 50 \text{ M}\Omega$ at 100V dc 1- Chassis & AC Plug. $750 \text{ M}\Omega$ at 500V DC
Input supply	:	230V 50 Hz

### **3½ Digit Multimeters**

3½ digit LCD display hand held type

DC Voltage: 1000V

AC Voltage : 750 V

DC current: 20A

AC current 20 AC

Resistance: 20 M  $\Omega$

Testing ; Diode, Transistor test continuity test, over range, auto zero, low battery indication probe, frequency test, capacitance

Annexure - II

### **Analog IC- Tester**

It should test wide range of analog ICs such as operation amplifiers comparators, Transistors, arrays opto couplers analog switches cross point switches , multiplexers , Voltage followers, Timers, Analog to digital converters and other general analog ICs.

2. IC pack: Analog IC 20 pin in Dip package.
3. Test by functional test of output for various input conditions.
4. ZIF: 20 pin Dip ZIF socket
5. Keys: 24 nos.
6. Display: 16x1 line LCD display
7. Power supply: 230 V AC

### **Micro Processor Based- PID Trainer**

Characteristic study- P PI, PD and PID

Power Supply: 230 V 50 Hz.

Built in Power supply

Standard accessories and connecting wires

Technical/user manual -1 No.

### **LVDT Trainer Kit**

Sensor Type: Linear Variable differential transformer  $\pm 10$  mm displacement

Power Supply: 230 V 50 Hz

On board digital panel meter with displacement signal off.

Micrometer for reference displacement reading using screw Gauge.

Built in Power supply. Technical/user manual -1 No.

Standard accessories and connecting wire

### **RTD Trainer Kit**

Sensor Type: RTO(PT100)

Display: 3½ digital

Resolution: 0.1  $\Omega$  or better

Power supply : 230 V 50 Hz

Built in power supply

Technical user manual-1

Standard accessories