

Indian Institute Of Technology, Kanpur

Department of Mechanical Engineering

Enquiry letter for “Supplying 6.5 Digit Digital Multimeter Unit
Enquiry No. SB/ME/2017-2018/06

Date: 30/10/2017

Sealed Quotations from prospective vendor are invited by Department of Mechanical Engineering, IIT Kanpur for 6.5 Digit Digital Multimeter Unit. The details of requirement are mentioned below.

SI No.	Description	Quantity
1	6.5 Digital Multimeter Unit – 34465A Digital Multimeter, 6½ Digit, Performance Truevolt DMM	01
2	Thermistor temperature probe -40 - +150 degrees C, 5k ohm	01
3	Perpetual transportable license BenchVue DMM, Control and Automation	01

Specification of 6.5 Digit Digital Multimeter

Salient Features:	
<ul style="list-style-type: none"> ➤ Performance true volt Digital Multimeter with higher level of accuracy, speed and resolution ➤ Graphical capability like trend, histogram chart to get more detail of signal with data logging and digitizing mode. ➤ Ability to measure very low current 1 µA range with pA resolution ➤ Maintain calibrated measurements: Auto calibration allows you to compensate for temperature drift so you can maintain measurement accuracy throughout your workday ➤ Resolutions up to 6½ digits ➤ Reading rates up to 50,000 readings/s ➤ Memory up to 2 million readings(Optional) ➤ Voltage ranges from 100 mV to 1,000 V ➤ Current ranges from 1 µA to 10 A ➤ USB and LAN interfaces, optional GPIB ➤ Required of bench view pc connected software 	
Parameter	Specifications
Voltage	DC Voltage: 100mV to 1000V AC Voltage: 100mV to 1000V
Current	DC Current: 1 µA to 10 A AC Current: 100 µA to 10 A
Resistance	2 – Wire & 4 – Wire Resistance: 100Ω to 1000 MΩ

Capacitance	1 nF to 100 μ F
Frequency & Period	3Hz to 300KHz
Continuity & Diode	Yes, 5V
Max. Reading Rate	5000 rdgs/s, 50000 rdgs/s optional
Memory	Standard 50000 reading, 2 million readings optional
Temperature	RTD,PT100, thermistor and thermocouple
Display	Color Graphical dual line display
Statistical graphics	Histogram, bar chart, trend chart
Interface	USB, LAN/LXI C, GPIB optional
Calibration Certificate	Required
User Manual	Required

Terms & conditions:

1. All Quotation must reach undersigned by 09th November, 2017, at 2:00PM.
2. Supplier/ Vendors should submit technical and financial bid together in separately sealed envelopes.
3. Only manufacturer/ Authorized Suppliers may quote.
4. Quotation should carry proper.
5. Evaluation will be on the basis of technical specification format provided as per our tender notice.
6. Financial bid will be open only for those, who meet T&C and tender technical specification.
7. The formate for specification is same as provided in tender sheet for supplier/vendors for submitting technical specification in their letter heads.
8. Please do mention tender number clearly on envelope.
9. Please send the name and contact details of the person to whom company had supplied similar systems. Committee may ask for the feedback
10. The supplier must have supplied systems to institution of national and/or international repute.
11. Normal payment terms for the institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection)
12. Warranty/Guarantee should be clearly mentioned. The warranty must start from the date of installation at IITK.
13. Quotation should carry proper authorization certificate from manufacturer.
14. Validity of Quotation should be at least for 60 days.
15. Maximum educational discounts should be applied.

Kindly send the quotation in sealed envelope latest by dated 09/11/2017 to the following address:

To,

Dr. Shantanu Bhattacharya

Northern Lab

Professor, Department of Mechanical Engineering

Indian Institute of Technology, Kanpur- 208016 (U.P.)

Phone: +91-512-2596056(Office)

Fax: +91-512-2597408

Email: bhatacs@iitk.ac.in