

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF CHEMICAL ENGINEERING

Date: 08/05/2015

Tender for Digital Multimeter

Enquiry No: CHE/SP-05/2015

Quotations are invited from interested parties for purchase a Digital Multimeter as per the following specifications.

Specifications

Sl. No.	Parameter	Required Range
1.	Digit Of Resolution	6.5 or more
2.	Display	Color, graphical
3.	DC Voltage	100 mV to 1,000 V
4.	AC Voltage	100 mV to 1,000 V
5.	DC Current	1 μ A to 10 A
6.	AC Current	100 μ A to 10 A
7.	DC/AC Current Resolution	100pA
8.	2- and 4-wire resistance	100 Ω to 1,000 M Ω
9.	Continuity, diode	Y, 5 V
11.	Frequency, period	3 Hz to 300 kHz
12.	Capacitance	1.0 nF to 100.0 μ F
13.	Temperature	RTD/PT100, thermistor, thermocouples
14.	Dual line display	Yes
15.	1 year DCV accuracy	30 ppm
16.	Max reading rate	5,000 rdgs/s std 50,000 rdgs/s opt
17.	Memory	50,000 rdgsstd 2 million rdgs opt
18.	Trigger	Pre/Post, Int/Ext, Pos/Neg
19.	Samples per Trigger	1 to 1000000
20.	External Trigger Deleay	< 1 μ s
21.	Operating Environment	0 $^{\circ}$ C to 55 $^{\circ}$ C, 80% R.H. at 40 $^{\circ}$ C non-condensing
22.	Power Supply	100V/120V/ 220V / 240V \pm 10% (50Hz to 60Hz)
23.	Interface	USB, GPIB, LAN, LXI
24.	Warranty	Three Years
25.	User Manual, Calibration Certificate	Required

Please provide technical and financial bids in separate sealed envelopes.

In the document for technical bid, mention in tabular form the compliance to each of the above specifications.

In addition, also provide:

- (i) Authorization Certificate, if any from the principal manufacturer
- (ii) Technical specifications in detail
- (iii) List of clients and testimonials of services rendered.

Those with a better record of after-sales services may be given preference.

Note: Payment terms will be as per IIT Kanpur rules. Validity of the quote should be for a minimum of 60 days. Please send technical specifications and the financial bids in separate sealed envelopes to the undersigned clearly mentioning the following information by May 15, 2015

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