

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
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**Department of Physics**

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30/08/2013

**Enquiry no.: PHY/MSC LAB/2013-14/EQP/10**

**Enquiry date: 30.08.2013**

**Closing date: 12.09.2013**

Sealed quotations should reach the undersigned latest by 4.00 pm on **12<sup>th</sup> September, 2013** for the following items:

S.N	Items	Qty.	Remarks
1	High voltage power supply 0-1500 volts	02	0-1500V continuously adjustable, current 1.0mA (Max.), polarity: +ve, -ve, Regulization: $\pm 0.05\%$ for 0 to 1mA load, Stabilization: $\pm 0.02\%$ for $\pm 10\%$ mains variation, 3½ digit LED display, Fully protected against overload and short circuit by current limiting technique
2	Digital Gauss meter	02	3½ digit, Hall Probe – InAs, <b>Accuracy</b> $\pm 0.5\%$ , <b>Range</b> 0-2KG, 0-20KG & 0-40KG, <b>Resolution</b> 1G., Indicate the direction of the magnetic field, facility to calibrate
3	Nano ampere meter	02	100nA, 1mA, 10mA, 100mA with 100% over-ranging, Accuracy=0.2% for all ranges, Resolution-0.1nA, 3½ digit LED display with auto polarity and decimal indication,
4	Frequency generator cum counter (10 MHz)	03	10 MHz function generator with sine, square triangle, ramp pulse, TTL & DC, Modulation of any signal by AM, FM, PWM PAM and internal sweep, Direct display of amplitude, High signal purity and constant amplitude <ul style="list-style-type: none"> <li>• Backlit LCD for display of frequency, mode, amplitude simuletenously</li> <li>• Square wave rise time better than 70 ns</li> </ul>
5	Travelling microscope	01	Microscope Tube should Inclinalbe in any angle. 10X Ramsden Eyepiece with fine cross wire. Scale: 20 cm. Horizontally, 15 cm. Vertically and 6 cm.  Lateral Least Count: Horizontal scale : 0.001 cm. Lateral Scale : 0.001 cm. Vertical scale : 0.001 cm.
6	Variac 5Amp.	06	Output Voltage Range : 270 V AC Accuracy : 0.75 % Current Range:, 5.0Amps AC Accuracy : 0.75 % Digital display of current and voltage

**Terms and conditions:**

- Quotations should have a validity of a minimum of 60 days.
- All the equipment should be provided with a replacement warranty of 1 year against manufacturing defects.
- All the parts should be replaced free of cost in case of any damage in transit / deviation from specifications.
- Maximum possible educational discount should be specified on the quotation since all are for teaching purposes.
- Quantity of items may vary (increase/decrease) in order.
- Quotations are required in a sealed envelope with enquiry number mentioned on the envelope.
- The delivery period should be within 60 days of placing the purchase order.
- The rate offered should be F.O.R Kanpur for firms located outside Kanpur and free delivery at the Institute premises for local firms.
- Institute is exempted from payment of E. Duty under notification no.10/97
- Institute is entitled to avail concession rate of sales tax as admissible under Sub-sec 5 of Sec 8 C.S.T Act 1956 applicable to Educational/Research institution in inter-state purchase.