

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Physics

Prof. R.Vijaya
Dept of Physics
IIT Kanpur
Kanpur 208016, Uttar Pradesh, INDIA

Tel: +91-512-2597552
e-mail: rvijaya@iitk.ac.in

Enquiry no.: PHY/RV/EQP/2013/1

Enquiry date: 26/08/2013

Closing date: 06/09/2013

Sealed quotations should reach the undersigned latest by 4.00 pm on 6th Sept, 2013 for the following equipment:

| Description | Quantity |
|--|------------|
| High-frequency GHz Oscilloscope with built-in Function generator and /or Optical fiber input in one channel | One |

The above-mentioned equipment should conform to the following specifications:

| Parameter | Required specification |
|---------------------------|--|
| Bandwidth | 400 MHz to 4 GHz |
| Analog channels | Minimum 2 |
| Digital Channels | Minimum 8 (see note below) |
| Sample rate | 10 GSa/s per channel |
| Memory depth | 20 Mpts per channel |
| Probes | Specify standard and available options |
| Input coupling | AC, DC |
| Input impedance | 1 M-ohm/100 K-ohm; provide a 50 ohm termination as an additional item |
| Additional capabilities | Peak detect and averaging |
| Power Supply | 210 to 250 V AC Mains supply |
| Data transfer to computer | Via LAN or USB |
| External trigger input | Required |
| Trigger mode | Edge trigger |
| Display | Specify size and color option |
| | Standard accessories |

Notes:

- 1. Oscilloscope with one optical input (single-mode FC connector) and one electrical input (with trigger) may also be quoted if available. This will be preferred over other models.**

2. Oscilloscope with built-in function generator (MHz frequencies, sine / square / triangle / ramp / arbitrary waveforms) option may be quoted for, if available.

Please specify the maximum permissible educational discount, if any.

Terms and conditions:

1. Quotations should have a validity of a minimum of 60 days.
2. All the equipment should be provided with a minimum warranty of 1 year and preferable period of 3 years.
3. Technical specification sheets, authorization certificate or proprietary certificate (if applicable) and any other relevant documentation should be included with the quotation.
4. Quotations are required in duplicate in a sealed envelope with enquiry number mentioned on the envelope (for Indian suppliers) and e-mail + postal quotations for companies from outside India.
5. The delivery period should be specifically stated.
6. For suppliers from outside India, the rate offered should show both F.O.B (specify city) in the country of origin and CIF (New Delhi).

Prof. R.Vijaya
Dept of Physics
IIT Kanpur
Kanpur 208016, Uttar Pradesh, INDIA
e-mail: rvijaya@iitk.ac.in