

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Physics

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Enquiry no.: PHY/RV/EQP/2013/3

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-speed optical detector with optical fiber input	One

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

Parameter	Required specification
Detector material	InGaAs
Wavelength range	500 to 1650 nm
3 dB Bandwidth	DC – 12 GHz (DC) and 50 kHz to 12 GHz (AC)
Minimum rise time	30-40 ps
Trans-impedance Gain	1000 V/A
Input optical connection	Single-mode FC/PC connector
Output impedance	50 ohms
Output connector	1.85 mm male connector preferred; if this is not possible, please provide K connector with a K to SMA adaptor
Conversion gain	> 600 V/W
Other features	Response down to DC preferred; adaptor input voltage should be 220 V
Include the cost of	Any required power supply kit; extra batteries to be included; an extra 50 ohm BNC termination, required power cords

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.
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).

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