

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
IIT Post office, Kanpur 208016, U.P
Department of Physics

Enquiry no.: PHY/RV/EOP//DRD/2012/2

Enquiry date: 24/09/2012

Closing date: 22/10/2012

Sealed quotations should reach the undersigned latest by 4.00 pm on **22nd Oct, 2012** for the following:

Description	Quantity
Optical detector and display unit	One

The above-mentioned equipment should conform to the following specifications and a sheet showing the extent of conformation should be attached:

Parameter	Required specification
Important feature	High damage threshold
Spectral range	200 nm to 10 μ m (quote for all models required to cover the range). Specify the calibration wavelength – 1064 nm / 532 nm preferred
Detector aperture size	50 mm dia for free space measurement
Maximum average power	10 W
Energy range	0.1 mJ to 1 J
Pulse widths	μ s to ns
Repetition rate	Up to 200 Hz
Maximum energy density	500 mJ / cm ² at 1064 nm, 10 ns
Accessories	Power meter (high-clarity large-area display, average power and instantaneous energy measurement, preference for rechargeable battery operated model and USB- based or any other data storage option availability), charger and power cords (for Indian plug)
To be specified by manufacturers	Damage threshold (if different from above), accuracy in power, and dependence on wavelength (if any)

Terms and conditions:

Quotations should have a validity of a minimum of 60 days.

The equipment should be provided with a warranty of 1 year.

Quotations are required in duplicate in a sealed envelope with enquiry number mentioned on the envelope.

The delivery period should be specifically stated.

The rate offered should be F.O.B (specify city).

Institute is exempted from payment of Excise 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.

Prof. R.Vijaya

Dept of Physics

IIT Kanpur

Kanpur 208016, India

Tel: +91-512-2597552

e-mail: rvijaya@iitk.ac.in