**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**
DEPARTMENT OF MECHANICAL ENGINEERING
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Enquiry no.: ME/ERL/2013-14/May/01
Enquiry date: May 8th, 2013
Last Date: June 2nd, 2013

# Enquiry for Pulsed Laser Energy Meter and Display

Energy meter, Detector and its color display (Touch screen) is required for Pulsed Nd:YAG laser. The specifications of Laser are given below:

Make/Model = Litron, Nano L (200-30); Max Frequency = 30 Hz

Max Pulsed energy = 200 mJ/Pulse; Beam dia = 5 mm

Wave length = 1064 nm, 532 nm, and higher harmonic

Beam dia can also be reduced by inserting aperture. Beam dia can be reduce from 5 mm to 1.9 mm thus max pulsed energy decease from 200 mJ/pulse to 25 mJ/Pulse.

**A suitable energy meter and display unit is required for the above laser.**

**Laser Power, Energy Monitor and Color LCD, with touch screen, single-channel, handheld display. Power Detector should be 18 mm diameter (minimum), 30 W (minimum), with Heat-sink, Volume Absorber, and including stand.**

**Terms & Conditions:**

(i) Provide "Authorization certificate" from the manufacturer, in case the quotation is submitted by an Indian Agent.

(ii) Prices should be FOB/ CIF upto Delhi.

(iii) Validity of quotation should be at least for 90 days.

(iv) Warranty: Three Years from the date of Installation and Commissioning.

*Kindly send your best offer (Technical and Commercial offers separately) so as to reach us on or before June 2nd, 2013 to the following address:*

Prof. Avinash Kumar Agarwal
Department of Mechanical Engineering
IIT Kanpur
Kanpur – 208016, India

In case of any queries/ clarifications related to this tender, you may contact Mr. Dhananjay Srivastava (+91 9935355990).