

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**IIT Post office, Kanpur 208016, U.P**  
**Center for Laser Technology**

**Enquiry no.: LTP/RV/EQP/CAR/2012**

**Enquiry date: 19/11/2012**

**Closing date: 18/12/2012**

Sealed quotations should reach the undersigned latest by 4.00 pm on **18<sup>th</sup> Dec, 2012**:

<b>Description</b>	<b>Quantity</b>
Femtosecond laser-based Beam delivery and scanning system	One

For our existing femtosecond laser (CPA-2101 Compact Ti: Sapphire Regenerative Amplifier from M/s Clark-MXR), a beam delivery and scanning system is to be procured. This should conform to the following specifications. The femtosecond laser is not to be quoted for.

- Scan field (X-Y axis): 100 × 100 mm with 1 micron resolution
- Z-focus 50 mm with 1 micron resolution
- Lens to achieve spot size of 3 to 10 microns
- Encoder resolution < 1.5 micron
- Marking speed > 0.8 m/sec
- Wavelength-specific and astigmatically corrected optics for 775 nm and 1550 nm.
- Camera (with colour zoom) for viewing the navigation area and LED/fiber-optic lighted viewing
- Should include all associated software, documentation and accessories.

**Important:**

A letter showing the extent of compliance with our enquiry should be attached.

The quotation should be in two parts where the technical bid and financial bid are in separate sealed envelopes with appropriate labels.

Companies that have submitted satisfactory technical bids will be invited for a technical presentation at IIT Kanpur (tentatively in the last week of December 2012).

Financial bids of only those products that satisfy our technical specifications will be considered.

The decision of the purchase committee of the institute is final.

**Terms and conditions:**

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

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

The rates should be clearly specified for all the three cases of Ex-Works (for pick-up by our freight forwarder), FOB (in country of origin) and CIF (New Delhi).

The delivery period should be specifically stated.

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