

DAYALBAGH EDUCATIONAL INSTITUTE
Limited Tender Enquiry

Sealed limited tender offers from eligible manufacturers/ authorized distributors for the supply of Nanosecond Laser Flash Photolysis Spectrometer System are invited in DAYALBAGH EDUCATIONAL INSTITUTE.

The vendors intending to bid should submit their bid in sealed envelopes to HEAD, Dept. of Physics and Computer Science, by 4:00 pm on Saturday, December 24, 2011.

ITEM #8 NANOSECOND LASER FLASH PHOTOLYSIS SYSTEM QTY. 1		
Complete computer controlled nanosecond laser flash photolysis system for laser induced transient absorption and emission kinetics and the associated spectra, excluding Nanosecond Laser. The system should be compatible with Continuum Minilite-II laser. The cost of the Data Acquisition System (DSO-Digital Storage Oscilloscope) to be mentioned separately.		
Description	Technical specifications	Compliance Yes/no
Optical Configuration	Capability for transverse, co-linear and diffuse reflectance	
Sensitivity	Minimum OD 0.002-0.0005 (single shot)	
Time Resolution	minimum detector response width of 5ns	
Probe Source	Pulsed/steady state Xenon arc lamp, ozone free Rep. rate : 10 Hz to single shot Pulse duration : 0.5-10 ms	
Monochromator	Preferably Czerny-Turner with triple grating turret, continuously adjustable motorized slits	
Detector	Photomultiplier, spectral range : 185-870 nm	
Sample Holders	Cross Beam, Diffuse Reflectance, Quasi Co-Linear Optics	
Software	Windows based, Δ OD calculation (with/without background correction), numerical fits, analysis of growth and decay kinetics and time resolved absorption spectra	
Warranty	1 year comprehensive on site	

Terms and conditions:

1. Compliance for the specifications is to be indicated by the vendor on the proforma and submitted along with quotation.
2. Quote to be given preferably in Indian Rupees or US dollars or GB Pound for direct import by the customer, inclusive of CIP charges upto New Delhi.

3. Payment will be made preferably by Wire Transfer/Sight Draft/Letter of Credit only after the equipment is delivered to the customer premises.
4. All equipment must be compatible with Indian electrical standards and codes. Engineering documentation on the physical sizes and weight of all major and minor components must be submitted.
5. The proposal must include a detailed datasheet for every component included in it and the necessary technical whitepapers discussing the features, performance and optimization.
6. All vendors are required to submit the documentation or proof of compliance along with the bid failing which the bids are liable to be rejected.
7. Warranty and support: one year, preferably three years comprehensive on site for both hardware and software.
8. Delivery period will be maximum of 5 weeks from the date of purchase order. Once delivered to on site, the installation, commissioning and acceptance testing period: 2 weeks from the date of supply of equipment.
9. The Institute will award the contract to the tender whose tender has been determined to be substantially responsive, meets or exceeds the desired specifications and who has offered the lowest evaluated tender price. Institute reserves the right to accept or reject any quotation in full or in part and to cancel the process and reject all tender at any time prior to award of contract.
10. Quotation should remain valid for a period of sixty days.

REGISTRAR