

# Indian Institute of Technology Kanpur

## Center for Lasers and Photonics

August 29, 2013

**Enquiry Number:** CELP/UD/INST/NC5,

**Dated:** August 29, 2013

**Opening date:** August 29, 2013 at 4:00 PM

**Closing date:** September 5, 2013 at 5:00 PM

Sealed quotations are invited for the supply of NIR fiber optic input spectrometer as per the following specifications.

### **Technical specifications of NIR fiber optic input spectrometer:**

- Wavelength range : 900-1700nm or better
- Optical Resolution: 2.0nm or better
- Input : SMA 905 to 0.22 numerical aperture, single-strand optical fiber (No-slit option)
- Signal-to-noise ratio at full signal: >15000:1 @ 100ms integration
- A/D resolution: 16-bit
- Integration time: 1ms -120 seconds
- Noise Equivalent Power: < 0.5pW
- Grating 150 l/mm
- Dark Noise: < 12 RMS counts @ 1000 ms
- Computer interfaces: USB 2.0 @ 480 Mbps
- Operating Temperature limits: 10-35°C
- Option-1 (Long-pass NIR filter), Option-2 (Entrance aperture slit)

### **Terms and conditions:**

- Technical and financial details should be in separate envelope.
- Maximum educational discounts should be applied
- Validity of quotation should be at least for 60 days.
- Price should be on FOR IIT Kanpur & should include the installation and training cost.
- Institute is exempted for payment of Excise Duty under notification No. 10/97.
- Warranty/Guarantee should be clearly mentioned.
- Normal payment terms for the institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection).
- Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.
- The delivery should be specifically stated. Earlier delivery may be preferred.
- The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Kindly send the quotation (in duplicate) in sealed envelope latest by 05.09.2013 to the following address.

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