Indian Institute of Technology Kanpur

Center for Lasers and Photonics

August 29, 2013

Enquiry Number: CELP/UD/INST/NC1, 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 Dual phase lock-in Amplifier as per the following specifications.

Technical specifications of Dual phase lock-in Amplifier:

- Differential or Single-Ended Input
- Gain Setting from 3μV to 1V or better
- Output Time Constants from 100µs to 30s or better
- Frequency: 10Hz 100kHz or better
- Input Impedance: $10 \text{ M}\Omega$ or better
- Gain Stability 200ppm/°C or better
- Phase Stability 0.1°/°C or better
- 1F and 2F Reference Signal Operation
- 90° Step and Fine Phase Control
- Analogue/Digital Meter for Display of X, Y or R Output Signals
- X and Y Offset Controls
- Separate X, Y and R Output BNCs
- Option-1 (GPIB computer interface), Option-2 (Internal oscillator)

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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