

INDIAN INSTITUTE OF TECHNOLOGY-KANPUR
(DEPARTMENT OF MECHANICAL ENGINEERING & NUCLEAR ENGINEERING & TECHNOLOGY PROGRAM)

Subject: Request for Uploading the Tender Document on institute web site.

Enquiry NO: SP/NET-ME/2015-2016-06 closing date: 21st September, 2015

Through: Head, Mechanical Engineering & Nuclear Engineering & Technology Program

Sealed quotations are invited in two bid system (separate envelops for technical & commercial) by the undersigned for Purchase of following item.

Name: Digitizer for Scintillation Fast Neutron Detection, One Unit

Specifications:

- At least 4 channel desktop digitizer
- 1 GHz or better sampling rate
 - Facilitate counting of fast neutrons without false positives from gamma rays.
 - Permits use of lower energy thresholds.
- At least 1 GS/s ADC
- 10 bit or better resolution
- FPGA for real time Digital Pulse Processing
- Windows PC compatible
- Firmware to perform pulse shape discrimination (PSD)
- At least 2 volts dynamic range
- Associated cables must be included
- USB compatible
- Vendors must furnish all warranty repair or provide alternate source of local warranty repair at no extra cost to the state.
 - Contractor will correct or have corrected any substandard work as requested. Such work shall be at no extra cost to IIT-Kanpur.
 - An extended warranty of up to 5 years must be included. State what is included in the warranty.
 - The vendor must be able to offer an annual hardware agreement that can provide a rapid response, low cost or fixed repair service.

Terms & Conditions

1. Payment: As IITK standard terms.
2. Taxes: as applicable
3. Delivery: earliest possible time
4. Validity of quotation: 60 days.
5. Inspection: to be carried out at our place.
6. **Please attach proprietary certificate on letter head from the manufacturer, If it is applicable.**
7. **Please mention on envelop, if the quoted item is proprietary in nature.**
8. **Please attach the authorization certificate from the manufacture.**
9. Please clearly mention the warranty.

(Dr Shikha Prasad), Northern Block Laboratories
Department of Mechanical Engineering
Indian Institute of Technology-Kanpur-208016
Mail: shikhap@iitk.ac.in
Phone :(O) +91-512-259-6973 (M) +91-983-932-2548

Head
Department of Mechanical Engineering & Nuclear Engineering & Technology Program