



INDIAN INSTITUTE OF TECHNOLOGY KANPUR  
DEPARTMENT OF CIVIL ENGINEERING  
STRUCTURAL ENGINEERING LABORATORY

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Dec. 19, 2014

Enquiry no. CE/STR/2014-15/Dec/01

We would like to invite the sealed quotations for the supply and installation of the following items with all relevant accessories.

**Item Name:** Data Acquisition Cards (make: NI) for PXIe based data acquisition system for acceleration (ICP type) and strain gage based sensors long with accessories

**Major Specifications:**

**1. Analog input module with IEPE constant current signal conditioning (NI PXIe 4495):**

- 16 simultaneously updated analog inputs, 204 kS/s
- 24-bit ADC resolution per channel

**Accessories:** 2 sets of 8 BNC Female jack inputs to 4X InfiniBand connector cables- NI SHB4X-8BNC

**2. Strain gage based data acquisition modules (NI PXIe 4330)**

- 8 simultaneously sampled analog inputs; 25 kS/s maximum sampling rate
- 24-bit ADC resolution per channel,
- Programmable quarter, half- and full-bridge completion; up to 10 V internal excitation

**Accessories: Front mounting terminal block- NI TB 4330**

The above mention modules should be compatible with express slots of NI PXIe 1062Q chassis.

Kindly send your offer (Original, Signed with the name of signing authority) in a sealed envelope, for the above items mentioning the following:

1. Cost of the item with technical specifications in detail
2. Warranty period
3. Delivery time
4. Educational discount applicable considering end use for research and teaching
5. Payment terms
6. Proprietary Certificate, if applicable
7. Any other relevant details

An early reply latest by 29 Dec 2014 will be highly appreciated. For any further information/clarifications in this regard, please write back to us at [samitrc@iitk.ac.in](mailto:samitrc@iitk.ac.in).

Thanking you...

Samit Ray Chaudhuri