



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF CIVIL ENGINEERING

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Enquiry no. CE/GEOTECH/2012-13/Aug/02

We would like to purchase compact USB based Data Acquisition System (make: NI System) for our laboratory. Following are the general technical specifications required for the proposed system:

Model	Specifications	Quantity
NI- CDAQ- 9174:	4 slots, built in trigger, USB 2.0 Hi speed Voltage Range: 9 V – 30 V, Counters: 4, Resolution: 32 bits Random Operating Frequency Range: 5 Hz to 500 Hz Temperature Range: -20° C to 55° C Relative Humidity Range: 10 - 90 %	01
NI – 9237:	24 bits resolution, $\pm 25\text{mV/V}$ analog inputs with RJ 50 Connectors, 4 simultaneously sampled analog inputs 50 kS/s maximum sampling rate Programmable half and full bridge completion upto 10V internal excitation, 1000 Vrms transient isolation -40°C to 70 °C operating range, Maximum voltage accuracy of 0.038mV/V	01
NI – 9215:	Sampling rate of 100kS/s, 16 bit resolution USB, Ethernet and 802.11 Wi fi connectivity 4 simultaneously sampled analog inputs Voltage accuracy of 0.003V, Voltage range of -10V to 10 V Operating Temperature range of -40°C to 40 °C	01

Please send your offer for the above in a sealed envelope mentioning the following:

1. Cost of the item including three year warranty
2. Technical specifications in detail
3. Delivery time
4. Educational discount applicable considering end use for research and teaching
5. Payment terms (please mention the cost on FOB basis and actual applicable freight)
6. Proprietary Certificate, if applicable
7. Any other relevant details

An early reply latest by 13 August 2012 will be highly appreciated.

Thanking you...

Sincerely

(Rajesh Sathiyamoorthy)