



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

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16 December 2011

Enquiry no. CE/STR/2011-12/Dec/02

We would like to purchase an Accelerometer Based Wireless Sensing System for our laboratory. Following are the general technical specifications required for the proposed system:

Acceleration Measurement range: +/- 2g (noise Density: 45 $\mu\text{g}/\sqrt{\text{Hz}}$); Reliable radio link for wireless measurements (1000m Line of Sight) with 5 KSPS per channel Ultra-Power radio Technology IEEE 802.15.4 ; Non contact actuation for faster installation; Embedded Data Logger : up to 1 million data acquisition records (with events dating); Anti-aliasing Butterworth filter with a cut-off frequency of 1 Hz to 2 KHz (remotely programmable).

Please send your offer for a typical system comprising off a total of 15 nos. 3D sensor nodes, 5 nos. gateway, 15 nos. power supply blocks along with Hardware controlling program.

The original signed offer in sealed envelope should be submitted 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 23 December 2011 will be highly appreciated.

Thanking you...

Sincerely

**The last date for the submission of quotation
has been extended up to 02 January 2012**

(K. K. Bajpai)