



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

Dr. K. K. BAJPAI
Senior Scientific Officer

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11 November 2011

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

We would like to purchase optically distributed strain and temperature sensing system for our laboratory using telecom-grade optical fiber as the sensor. Following are the technical specifications required for the proposed system:

1. Strain range: +/- 15,000 μ Strain
2. Temperature range: - 30⁰ C to +300⁰ C
3. Maximum length of fiber optic cable to be used as sensing element: 50 m
4. Resolution: +/- 2 μ Strain & +/- 0.2⁰ C for 100 mm gauge length
5. Data acquisition rate: 1 Hz

Please send your offer for the above (original signed in sealed envelope) 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 (please mention the cost and actual applicable freight separately).
6. Proprietary Certificate, if applicable
7. Any other relevant details

An early reply latest by 30 November 2011 will be highly appreciated.

Thanking you...

Sincerely

(K. K. Bajpai)

**The last date for the submission of quotation
has been extended up to 09 January 2012.**