

**DEPARTMENT OF APPLIED MECHANICS  
INDIAN INSTITUTE OF TECHNOLOGY DELHI**

Date: 21 September 2011

**NOTICE INVITING QUOTATIONS**

**Subject: Purchase of Miniature Piezoelectric Accelerometers and Force Transducer.**

Please send your quotations for the purchase of Miniature Piezoelectric Accelerometers and Force Transducer. Your quotations should reach latest by 07 October 2011. Your quotation should be superscribed "Quotation for Miniature Piezoelectric Accelerometers due on 07 October 2011" or "Quotation for Force Transducer due on 07 October 2011." Minimum Technical specifications of Miniature Piezoelectric Accelerometers and Force Transducer are as follows:

**I. Miniature Piezoelectric Accelerometers**

**Quantity: 12 Nos.**

- (ix) Voltage sensitivity : 5 mV/g.
- (x) Measurement range :  $\pm 1000$  g
- (xi) Frequency range : 5 Hz – 10 kHz
- (xii) Weight : 0.2 – 0.6 grams.
- (xiii) Temperature range : -50 to 100 °C
- (xiv) Connector : BNC
- (xv) Mounting : Adhesive / Wax
- (xvi) Low noise cable of minimum 3 meter length with BNC connector.

**II. Force Transducer**

**Quantity: 1 No.**

- (i) Voltage sensitivity : 100 mV/N
- (ii) Force Range (Compression): 45 N
- (iii) Force Range (Tension) : 45 N
- (iv) Weight : <32 grams
- (v) Connector : BNC
- (vi) Mounting: Threaded mounting on top and bottom compatible to connect with B & K shakers.
- (vii) Low noise cable of minimum 3 meter length with BNC connector.
- (viii) Necessary accessories such as push/pull stringer, mounting studs, bushing adapter.

**Note:**

- (1) **Pricing:** Quote the rates for F.O.B. prices.
- (2) **Terms of Payment:** Letter of credit or after receipt of item within 30 days.
- (3) **Validity:** Quotations should be valid at least for a period of 90 days.
- (4) **Dealership Certificate:** Letter from manufacturer should be attached for authenticity of dealership/agency.
- (5) **Proprietary Certificate:** If the items are proprietary, furnish a copy of the certificates.
- (6) **Institute's rights:** IIT Delhi reserves the rights of acceptance or rejection of any or all quotations.
- (7) **Compliance statement:** Include a statement of compliance of all the specifications.
- (8) Warranty (minimum one year) should be clearly mentioned.
- (9) **Submission of Quotations:** Technical and commercial bids in separate sealed covers should be submitted in a sealed cover marked at the top Subject and Due date to "The Head, Applied Mech. Dept., Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110 016, India" latest by 4.00 PM on 07 October 2011.

*D. K. Sehgal*

(Prof. D. K. Sehgal)

Chairman, Purchase Finalization Committee