

Indian Institute of Technology Kanpur

Department Mechanical Engineering

Enquiry for triaxial accelerometer

Enquiry Number: IITK/ME/ML/2016-17/TA1

Enquiry date: 26-09-2016

Closing date: 06-10-2016 (5 pm)

Sealed quotations (in two separate envelopes marked separately as "Technical Bid" and as 'Financial bid') are invited as per the specifications and terms and conditions listed below.

Quantity required: 2 numbers.

Technical Specifications:

- Measurement range: ≥ 50 g
- Frequency response: ≥ 0.3 to ≥ 5 kHz
- Resonant frequency: > 25 kHz
- Nonlinearity: $\pm 1\%$
- Sensitivity ($\leq \pm 15\%$): 5.10 mV/m/s²
- Mounting: Integral thread
- Connector: 4 pin
- Material body: Aluminum/Titanium
- Sensing element: Ceramic
- Supply current: 2 to 20 mA
- Bias voltage: $\geq +8$ to $\geq +12$ VDC
- Accessory: Four conductor cable, 4 pin connector to (3) BNC plugs. Shielded cable. Cable length - 10 feet.
- Additional accessory: Magnet for mounting the accelerometer with appropriate thread.

Terms and Conditions:

- Maximum education discount, if any should be offered
- Validity of quotation should be at least for 60 days
- The price quoted should be for delivery at Kanpur.
- Terms and conditions for the payment, including the banker's name of the principal and the account number
- Proprietary certificate, if relevant, should be provided.
- Delivery must be within 4 weeks from issuance of purchase order/indent
- The institute reserves the right of accepting and rejecting any quotation without assigning any reason.
- The indenter reserves the right to cancel the tender without being answerable.
- The Technical Bid should contain detailed technical specification of the product being offered and should not mention any price.
- The Financial Bid should include the detailed price quotation clearly including the cost of the equipment, taxes, service charges if any, shipping and handling charges.

Kindly submit the Technical and Financial bids in separate sealed envelopes addressed to:

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