

NOTICE INVITING QUOTATION (NIQ)

Date: 21/09/2011

Sealed quotations on company letterhead are invited from reputed manufactures in India, abroad or their authorized suppliers/ dealers and service agents in India for the supply of the equipment mentioned in this document of Notice Inviting Quotations (NIQ). The quotation must provide detailed information of the configuration and specifications of the items as well as price and terms and conditions of the payment. The quotation should mention individual unit cost of each of the components, also total cost of delivery, installation and commissioning as well as full demonstration at IIT Delhi site.

Interested parties are required to submit their bids in a sealed envelope and marked "Sealed Quotation for Acoustic Emission Equipments". The validity of the submitted quotation must extend up to at least three months. The quotation should reach IIT Delhi on or before 20th October, 2011 by 10:00 AM at the following address:

Dr. Dipti Ranjan Sahoo
Assistant Professor
Department of Civil Engineering
Room No. 220, Block No. V
Indian Institute of Technology (IIT) Delhi,
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Email: drsahoo@civil.iitd.ac.in

The Institute reserves the right to accept/ reject any/ all the offers without assigning any reason whatsoever.

Sr. No.	Item Name and Specifications	Quantity
1.	8-channel PCI-8 based Acoustic Emission (AE) system (a) 8 channel, 16 bits, 400 KHz bandwidth PCI bus AE subsystem including Parametric & digital I/O cable (b) SMB/BNCR cables compatible with PCI-8 system	01 No. 08 Nos.
2.	Real-time Data Acquisition (DAQ) and Analysis Software Analysis software for 8-channel operation with USB hardware key license including zonal & Linear Location algorithms and graphs, graph filters, front end filters etc. Also, the software should have the potential to perform Waveform acquisition and analysis, Planar location with cluster analysis, wavelet analysis module, Dispersion curves module, Spectrogram & short time FFT module, etc.	01 No.
3.	AE sensors with integral pre-amplifiers (a) AE sensor 60 KHz resonant with 1m integral sensor cable. [35-100KHz operation] (b) 20/40/60 dB pre-amp with 10H filter installed.[10 KHz High pass filter]	08 Nos. 08 Nos.
4	Power/signal cables & magnetic clamps (a) BNC-BNC Power/Signal cable, 10m long and related accessories (b) Magnetic Clamps and related accessories	08 Nos. 08 Nos.

Documentation related to guarantee/ warranty of sub-components from various manufacturers to be provided in the name of IIT Delhi.

(Contd.)

NOTES:

- (1) All Documents and Manuals should be in English language.
- (2) Each of the essential specification needs to be responded either in range or any applicable answer. Bidder should also provide the timeframe of delivery. Failure to respond to any essential specification can lead to disqualification.
- (3) Applicable taxes should be clearly specified.
- (4) Vendor should provide reference of supply of equipment within India or outside of similar equipment. Any negative comments from any one referred would disqualify the bid. IIT Delhi reserves the right to interact/ visit with the referred customer as per its convenience.
- (5) The quoted cost should include all applicable taxes and freight cost to IIT Delhi. **In case of imported items, the quotation in foreign currency shall be on the basis of F.O.B.** The cost should include installation, deputation of competent engineers for installation and systems required for smooth running of the equipment. Pre-installation requirements, if any, should be mentioned along with their detailed technical specifications. Also, specify requirements of electric power etc. All these items should be provided within 2 weeks of Supply Order placement so that IIT Delhi can prepare the installation requirements well in time.
- (6) Vendor is required to supply, install and ensure proper commissioning of the equipments within 30 days of the Supply Order. The supplier should demonstrate the performance of the equipment to the specifications by conducting trial tests at the Structures Laboratory. Complete set of Manuals for operation, maintenance and safety should be provided.