

NOTICE INVITING QUOTATION (NIQ)

Date: Friday, 02/11/2012

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, specifications of the items as well as price **in Indian Rupees** (convert prices in foreign currency in Indian Rupees, wherever applicable), the terms and conditions of the payment. **The quotation should mention individual unit cost of each of the component, also total cost of delivery, installation, and commissioning as well as full demonstration at IIT Delhi site.** The cost should be CIF New Delhi (IIT Delhi). **Comprehensive warranty of three years is required.**

The quotation should be submitted on or before **Monday, 19th November, 2012 by 5:00 p.m.** in the office of the Head, Department of Civil Engineering, Room No. 221, Block No. IV, Indian Institute of Technology (IIT) Delhi, Hauz Khas, New Delhi - 110 016 (India). The **validity** of the submitted quotation must extend up to at **least four months** from the date of submission.

Interested parties are required to submit their technical and financial bids in “separately sealed envelopes” and marked respectively as “Technical Bid” and “Financial Bid” on the outside. The two envelopes should be enclosed inside a single large envelope and marked, **“ATTN: Dr. Vasant Matsagar, Sealed Quotation for “Wave Gauges” to be opened by Purchase Committee”.** Also, it is mandatory to provide a summary sheet clearly giving information if the specifications asked for are met in the offer.

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

Sr. No.	Item Name and Specifications
1.	<p><u>Wave Gauges:</u> Applications: (i) Probe type <i>Wave Gauges</i> to measure wave heights in model liquid storage tank, when the tank is vibrating under simulated earthquake. Earthquake simulation will be carried out using shake table. The wave height inside the tank is to be measured with dynamic accuracy.</p> <p>(ii) The “<i>Wave Gauge</i>” should be a complete system in all respect to measure the wave heights. We require to record the data in digital form (Time vs. Wave Heights), and the system should be able to complete the job in entirety.</p> <p>Requirements: The <i>Wave Gauge</i> systems should be complete in terms of probe, compatible recorder, compatible data acquisition system (DAQ), power supply unit (as per</p>

	<p>requirement), connectors, cables and all other accessories including necessary software.</p> <p>The following are the desired specifications:</p> <ul style="list-style-type: none"> • Linearity : 0.15% of Full Scale • Accuracy : 0.15% of Full Scale • Operating temperature : -5°C to 50°C • Time response : 5 millisecond • Output signal : -5 VDC to +5 VDC • Power supply : 5 VDC to 20 VDC • Probe lengths : 50 cm • Accessories : As compatible to facilitate digital recording of wave heights, complete
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NOTES:

- (1) All the 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 as well demonstration of its functioning. 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 the equipment earlier 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) Installation, Commissioning and Terms of Conditions: All items mentioned in this NIQ should be provided within 30 days of Supply Order placement. **The supplier is required to demonstrate the performance of the equipment to the specifications by conducting trial tests at the Structures Laboratory (prior to payment is processed).** The vendor will inform pre-installation requirements, if any, in advance. The cost should include deputation of competent engineers/ technicians for installation and demonstration of the instrument. Complete set of Manuals for operation, maintenance, and safety should be provided.

