

## NOTICE INVITING QUOTATION (NIQ)

Date: Wednesday, 21<sup>st</sup> November, 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 and specifications of the items as well as price (**in Indian Rupees only**) 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.** 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, 10<sup>th</sup> December, 2012 by 10:00 a.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 sealed envelopes should be enclosed inside a single large envelope and marked, **"ATTN: Dr. Vasant Matsagar, Sealed Quotation for Fire Furnace 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.

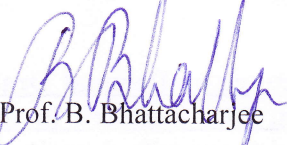
**The bidder is required to provide bid security through a Bank Guarantee or Demand Draft (DD)/Pay Order(PO) of Rs. 10,000/- valid until Monday, 25<sup>th</sup> March, 2013 enclosed in the Technical Bid. For successful bidder the earnest money will be converted to security deposit.**

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.	<b>Steel Fire Furnace 1250°C and Allied Accessories</b> <ul style="list-style-type: none"><li>The Steel Fire Furnace should be able to reach maximum temperature of 1250°C (<math>\pm</math> 100°C) from the ambient temperature with a running temperature of 1100°C within a clear inside working space of 1000 mm width <math>\times</math> 1000 mm height <math>\times</math> 1000 mm length and provided with two peep holes (to see inside the furnace).</li><li>The attainment of uniform temperature within the furnace should be controllable with respect to time using suitable electronic PID controller.</li><li>The attached temperature control system and data acquisition system should be able to record the time (second) and temperature (°C) data.</li><li>The material of the heating elements should be stable for continuous operation at 1250°C.</li><li>The furnace should include ceramic tubing and door safety switch.</li></ul> Documentation related to guarantee / warranty of sub-components from various manufacturers to be provided in the name of IIT Delhi with clear mention of duration.	01 Number

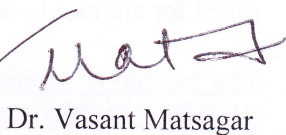
**NOTES:**

- (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) Technical Bid not accompanied by the Bank Guarantee/DD/PO will be disqualified.
- (4) Applicable taxes should be clearly specified.
- (5) Vendor should provide reference of supply of 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.
- (6) **Installation, Commissioning and Terms of Conditions:** The quoted cost should be in Indian Rupees including taxes and freight to IIT Delhi. The cost should include delivery, unloading at IIT Delhi site, installation, deputation of competent engineers for installation and systems required for smooth running of the equipment. Pre-installation requirements such as foundation to accommodate the UTM, electric fittings etc. should be mentioned along with their detailed technical specifications. *Also, clearly specify requirements of electric power etc.* Interested bidders are welcome to see the space availability at the Multi-Hazard Protective Structures (MHPS) Laboratory, Department of Civil Engineering, IIT Delhi by taking prior appointment. All items mentioned in this NIQ should be provided within 2 weeks of Supply Order placement so that IIT Delhi can prepare the installation requirements well in time. Vendor is required to supply, install, and ensure proper commissioning of the equipments within 15 days of the Supply Order.  
The supplier should demonstrate the performance of the equipment to the specifications by conducting trial tests at the Multi-Hazard Protective Structures (MHPS) Laboratory. Complete set of Manuals for operation, maintenance, and safety should be provided.
- (7) **Each of the essential specification needs to be responded either in range. Failure to respond to any essential specification will lead to disqualification.**

  
Prof. B. Bhattacharjee

Dr. Shashank Bishnoi

  
Dr. Dipti Ranjan Sahoo

  
Dr. Vasant Matsagar