

NOTICE INVITING QUOTATION (NIQ)

Date: Monday, 13th August, 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, 3rd September, 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 envelopes should be enclosed inside a single large envelope and marked, **“ATTN: Dr. Vasant Matsagar, Sealed Quotation for *Strain Rate Based UTM* 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, 31st December, 2012 in the Technical Bid. The bidder should provide necessary documentary evidence of(a) ISO 9001 and ISO 14000 certifications; (b) turnover of Rs. 10 Crore per year or more in any of the previous 3 years.

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.	Universal testing machine (UTM) of 60 Ton capacity with controllable strain rate up to 400 per minute <ul style="list-style-type: none">• The strain / displacement based servo-controlled universal testing machine (UTM) should have a capacity of 60 Ton (± 1 Ton) in compression and 30 Ton (± 1 Ton) or higher in tension.• The machine should be able to generate displacement from minimum of 50 mm/minute to 400 mm/minute.• The loading rate should be controllable with strain rate up to 400 per minute using	01 Number

	<p>electronics and software.</p> <ul style="list-style-type: none"> • The UTM should have possible stroke length of the plunger minimum of 250 mm. • Another rotary knob to be provided on the control panel for pre-setting the loading rate. • The attached data acquisition system should be able to record the load (Newton) and displacement (mm) data and the rate of loading. • The least count for load should be 0.05 kN and for displacement 0.1 mm. • Making necessary foundation arrangements for installation of the UTM at the Structures Laboratory, IIT Delhi is the responsibility of the supplier. • Ascertaining no leakage of hydraulic fluid from any of the component, accessories, and fittings is the responsibility of the supplier. <p>Documentation related to guarantee/ warranty of sub-components from various manufacturers to be provided in the name of IIT Delhi.</p>	
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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, specify requirements of electric power etc. Interested bidders are welcome to see the space availability at the Structures Laboratory, IIT Delhi by taking prior appointment. All items mentioned in this NIQ should be provided within 3 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 60 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.
- (7) **Each of the essential specification needs to be responded either in range. Failure to respond to any essential specification will lead to disqualification.**