

Indian Institute of Technology Delhi  
Department of Civil Engineering  
NOTICE INVITING QUOTATION

NIQ No. IITD/Civil (Store)/2011-12

Date 26-08-2011

Department of Civil Engineering wishes to purchase of the Transducer Pair with Pulser -receiver Unit as per the specifications given below. Technical & Commercial bids ( in two separate sealed envelopes Marked - Quotation for Transducer Pair with Pulser -receiver Unit ) should reach the following Address on or before 12-9-2011

**Transducer Pair Specifications:**

- Center Frequency: 250 kHz approx.
- Wide band
- Suitable for ultrasonic experiments on concrete and/or cement mortar samples
- Should have protective front plate for protection against rough surface of the concrete medium
- Should have back plate for attenuation of the ringing of the piezo element
- Should have provision for right angled BNC connection
- Diameter of about 1 inch.

**Pulser-Receiver Unit**

- Manually Controlled Pulser-Receiver Unit
- Should have capabilities for both pulse echo and pitch catch configurations
- Should be able to generate a wide band high voltage excitation like a short rectangular pulse
- Should be capable of receiving wide band response from the receiver transducer

**Terms & Conditions**

- Please quote prices at FOB basis in case of prices in foreign currency.
- Quotations in Indian rupees shall clearly mention for installation & Delivery charges.
- Quotation should be valid for three months.
- A minimum of 1 years comprehensive warranty of the equipment is required.
- Payment will be released after installation as per Institute's rules.
- Order must delivered and installed within 4-6 weeks of receipt of order.
- Institute Reserves the right to accept/Reject any or all quotation without assigning any reason.

**Name and Address for quotations**

Dr. Abhijit Ganguli  
Civil Engineering. Department,  
Room No. 211 Block No. IV  
I. I.T. Hauz Khas, New Delhi – 110016.

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