

**THIS DOCUMENT IS FOR REFERENCE
ONLY. ONLY E-QUOTATIONS WILL BE
ACCEPTED**



**DR B R AMBEDKAR NATIONAL INSTITUTE OF
TECHNOLOGY, JALANDHAR**
G T Road By Pass, Jalandhar-144011, Punjab (India)
 Tel: 0181-2690301- 453 EPABX Fax: 2690320, 2690932
 E-mail: registrar@nitj.ac.in

e-Quotation NOTICE
NITJ/PUR-I/e-Quotation/04/2017

National Institute of Technology, Jalandhar invites e-Quotation for purchase of Experimental Setup to Study Shear Force in Beams required for Materials Characterization Lab of Mechanical Engineering Department per details given below:

Sr. No.	Name of the Equipment	Qty.	Place where to install	Estimated Cost (in Rs.)
1	Experimental Setup to Study Shear Force in Beams	01	Materials Characterization Lab of ME Department	4,00,000/-

I	Downloading of e-Quotation document	Start Date: 22.11.2017 at 10.00 A.M. End Date : 18.12.2017 at 05.00 P.M.
II	Date of submission of e-quotation	Start Date: 22.11.2017 at 10.00 A.M. End Date : 18.12.2017 at 05.00 P.M.
III	Opening of e-Quotation (online)	19.12.2017 at 11:00 A.M.

Detailed Terms and Conditions are available in e-quotation document. The document can be downloaded from the institute website www.nitj.ac.in and www.tenderwizard.com/NITJ. Complete e-quotation document & specification is also available for reference purposes on Institute website www.nitj.ac.in.

Only e-quotation will be accepted. Any further detail/clarification, the bidders may contact Mr Vijay Kumar on behalf of M/S ITI Limited on Mobile no.8146699878 or email vijay@tenderwizard.com.

Registrar



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IMPORTANT NOTE

1. All corrigenda, addenda, amendments and clarifications to e-Quotation will be hosted in the website www.nitj.ac.in, and not in the newspaper, Quottee shall keep themselves updated with all such developments.
2. In case the last date of receipt/ opening of e-Quotation falls on holiday, the e-quotation shall be receipt/opened on the following working day at same time.
3. E-Quotation who have downloaded the e- quotation document form from the institute website shall submit a declaration along with e-quotation that I/we have downloaded the e-quotation form from the Institute website www.nitj.ac.in and I/we have not tempered/modified the e- quotation form in any manner. In case, if the same is found to be tempered/modified in any manner, I/we understand that my/our e-quotation will be summarily rejected and we are liable to be banned from doing business with institute.



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INSTRUCTIONS TO BIDDERS REGARDING e-QUOTATION

- 1. No e-quotation will be accepted in physical form.** The quottee shall have to submit their e-quotation online in Electronic Format under Digital Signatures. For participation in the e-quotation process, the quottee need to register themselves on www.tenderwizard.com/NITJ. On registration, they will be provided with a user ID and a system generated password enabling them to submit their e-quotation online using Digital System Certificates (DSC). **The Annual Registration fee and processing fee towards M/S ITI Limited is to be paid by the quottee.**
- 2. E-Quotation without Digital Signatures will not be accepted by the electronic e-quotation system.** Director, NIT Jalandhar will not be responsible for any delay in online submission of **e-quotation** due to any reason whatsoever.
- 3. The conditional e-quotation shall not be considered and will be out rightly rejected.**

TERMS AND CONDITIONS OF THE E- Quotation

- 1. The last date and time for receipt of e-quotation is 18.12.2017 up to 05:00 P.M.** through e-quotation only. E-Quotations in any other form will not be accepted.
 - 2. Name, complete address of the bidder/Quottee with telephone No., Fax No. & Email.**

 - 3. Location of Head office with complete address, with telephone No. Fax No. and Email.**

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4. The quote must mentioned GST No./Service Tax No./ PAN No./ TDS No. / TIN No. (Where applicable).
5. Tele fax /E-mail and other incomplete offer will not be considered.
6. Rates should be quoted in Indian Rupees & FOR NIT, Jalandhar and excluding taxes any other chargeable taxes must be specifically mentioned failing which no tax/duty will be allowed at the subsequent stage. It will be termed as inclusive of all taxes.
7. All e-quotations will be deemed to be FOR NIT, Jalandhar unless otherwise specified and should include packing and forwarding charges.
8. The e- quotation should clearly indicate the delivery period and validity period of the offer.
9. **Illustrated literature and catalogue must be furnished along with e-quotation.** (Where applicable).
10. While submission of on line e-quotations, quottee must ensure that scanned copies of all the necessary documents duly signed and stamped have been uploaded with the e- Quotation.
11. The quotes are required to upload self-attested copies of the relevant documents required as per Terms & Conditions, failing which their **e-quotation** may be rejected and will not be considered.
12. Instructional materials and **e-manuals** will be uploaded by the supplier free of cost.(where applicable).
13. The supplier must intimate whether he is manufacturer, dealer or supplier. In case of supplier or dealer the authorization certificate from the manufacturer is required and copy of the same must be enclosed with the e- quotation.



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14. The successful supplier has to submit an amount of @2% of the total value of the offer in shape of bank guarantee/EMD upto the period of warranty period of the item before releasing of balance 10% payment **(for item which cost more than Rs. 1 Lac individually).**
15. **The make/model must be specified with quotee. Detailed Warranty period of the item be mentioned. The after sales service policy on expiry of warranty may also be clarified and address of the sales service center be intimated.**
16. These documents must be scanned along with e-quotations.
17. Inspection of goods will be carried out by the consignee or the Inspection Committee at the destination and rejected goods will have to be removed within 10 days from the date of dispatch of advice from the indenting officer, failing which the quote shall be responsible for the loss.
18. The rejected goods must be replaced/lifted within 15 days of the dispatch of advice by the indenting officer or a registered notice, failing which indenting officer will be entitled to make arrangements of its disposal without any further reference.
19. If there is any dispute/doubt, the decision of the Director, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar shall be final. The quantity of required items may vary as per requirement
20. All disputes are subject to Jalandhar Jurisdiction.
21. Details of training and the cost if any in the institute be intimated.



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22. **90% payment will be released against physical delivery, inspection and installation of the equipment and balance 10% payment shall be released within 20 days after having the inspection and installation report of the item/material. Execution of the complete work as per specification of the supply order and their installation and working.**

23. No advance payment or payment against performa invoice will be made. Payment will be made after receipt, installation and testing of items, to the satisfaction of the authorized representative(s) of the Director.

24. Penalty: The Director of the institute shall have the power to impose penalty upto 5% of the value of the order if the supply is not executed within the stipulated/extended period.

Acceptance

We _____ accept the above terms & conditions and shall comply with them strictly.

Name of Bidder _____

Signature

Address _____

Seal of firm :

_____ Date:

Specification for Experimental setup to demonstrate Shear Force in a Beam

A modular structures experimental setup to show and prove the basic theory of shear force in a beam.

Experiments

- Shear force variation with an increasing point load
- Variation of shear force for various loading conditions
- Examination of various other loading cases and their effect on shear force, including loads traversing the beam

Standard Features

- Supplied with comprehensive Lecturer Guide and Student Guide, including theory, experiments and sample results
- Five-year warranty

Specifications

- To consist of a beam which is 'cut' by a pivot and supported by a mechanism acting on an electronic load cell to measure the shear force.
- Force is displayed on a frame mounting digital force display.
- Beam to have 23 loading positions at 20mm intervals
- Pivots and mechanisms to be fitted with ball race bearings, allowing rotational movement
- One of the supports also allows for horizontal movement
- To be supplied with 5x weight hangers and 150x 10 g weights.

The equipment to be compatible with all other basic accessories (included in scope of supply) mentioned at 1,2 and 3

1) Test Frame for Experiments

A lightweight yet strong bench-mounting frame that holds interchangeable experiment modules and instrumentation.

- Holds the interchangeable experiment modules and instruments Strong, bench-mounting frame
- Easy-to-use fixings and slots so students can quickly set up, remove or change experiments
- Supplied as a kit with instructions for use
- Includes textbook with full theory and explanations of different structures
- Consists of a rigid extruded anodized aluminum frame, of overall cross-section no less than 90 x 45 mm
- Minimum External dimensions 880 x 850 x 610 mm
- Minimum Dimensions of window 700 x 450 mm
- Maximum load: 5 kN

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- Adjustable feet for leveling
- Frame to contain min 14 self positioning captive spring nuts to allow secure fixing of experiments and accessories
- Four adjustable feet, variable through 40 mm for level adjustment
- Front and Back feet to be situated no closer than 500 mm to each other to minimise risk of frame toppling over

Standard Features

- Supplied with textbook .
- Supplied with Student Guide and Lecturer Guide, including theory, experiments and sample results.
- 5 year warranty

2. Digital Force Display

A digital LCD display to show up to four forces from the sensors on the structures experiments. The display unit securely fixes onto the test frame to give the following:

- Fits onto the Test Frame to give a tidy work area
- Real-time display of each of up to four forces
- Can connect to Automatic Data Acquisition Unit to automatically measure all four forces at the same time
- Real-time LCD display of up to four forces, with automatic adjustment of the range to the force
- Selection of force signal by rotary selector switch
- Output to an optional Automatic Data Acquisition Unit to automatically measure all four forces at the same time and to allow data-logging function with optional Structures software.
- Measurement Ranges: 0 to 20 N and 0 to 500 N, selected automatically.
- Display Resolution: 0.1 N on the 0 to 15 N range, 1 N on the 0 to 500 N range.

Standard Features

- Supplied with installation leaflet
- Five-year warranty

3. Data Acquisition Unit

The Automatic Data Acquisition Unit is an interface box with software that connects experiments to a suitable computer (computer not included)

- Computer interface and Software to display and collect data from any of the experiment
- Includes Software to do :
 - Data Acquisition - display and collect data, download to other software packages for further analysis

- Allows students to do 'virtual' simulated experiments, where they do not need to be in the lab
- Extended experiments – the software performs experiments beyond the limits of the hardware
- Interface unit links to load cells and other instruments
- Allows students to compare results from actual experiments with results from simulation software
- Simple connection to most modern computers – no need to add any extra circuit boards
- Fully automatic – needs no adjustments or complicated set-up procedures on your computer
- Accepts inputs from;
- Digital force display - +/- 6 VDC
- Digital strain display - +/- 6 VDC
- Angular sensor - 0 to 6 VDC
- Digital deflection indicators
- Converts inputs into the correct data signals for the computer
- Analysis of data and creation of tables and charts
- hardware, so they can compare simulated and real results
- Connection with PC via USB

Standard Features

- Supplied with comprehensive User Guide
- Five-year warranty

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FORMAT FOR THE SUBMISSION OF RATES – PRICE BID

(To be submitted online only))

Name of the Equipment /Item: _____

Name of the Manufacturer/supplier: _____

Make of the Equipment /Item: _____

Model Number: _____

Sr. No.	Description	Qty	Rate/Unit	Total
1	Cost of the Equipment/item			
2	GST			
3	FOR NIT			
4	Warranty Period			
5	Delivery Period			
6	Any other charges			

This is certified that the rates quoted above are not more than the rates charged from any other Institution/Department/Organization.

It is hereby certified that we have understood the instructions to e -quotation and also terms and conditions attached to the e quotation

Note:

- **Taxes and other levies, if any are to be clearly specified in the bid.**
- **Insurance: Good should be insured upto delivery place i.e. Dr B R Ambedkar National Institute of Technology, Jalandhar.**

Signature & Seal of the Manufacturer/Supplier