



**SCHOOL OF BIOMEDICAL ENGINEERING
QUOTATION ENQUIRY**

Ref: IIT (BHU)/BME/15-16/QTN/628/0

Due Date: 2/02/2016 Date: 11/01/2016
(Last date of quotation receiving)

To,
The Gentlemen,

Please submit your lowest rate for supplying the under mentioned items. Quotation in duplicate must reach us before the date marked above and should contain the following information:

1. Full specification and make of the item offered and its rate F.O.R. School of Biomedical Engineering, IIT (BHU) Varanasi-221005.
2. Sales tax at concessional rate as applicable to educational institution.
3. Your VAT / CST registration number, PAN & TIN numbers.
4. Conditions of supply and terms of payment.
5. If you are a manufacture of the item or if you have proprietary right over it, please mention it in the quotation and provide a certificate.
6. Please mention your agency commission in Indian Rs., if applicable (in case of imported items).
7. Please give undertaking as per annexure-I-B

Quotation must be sent in a **sealed envelope** with word "QUOTATION", our reference number, and due date as given above, clearly marked over it.

SL. NO.	Name of Item	Description / Technical Specification	Quantity
1.	Universal Testing Machine	<ol style="list-style-type: none"> 1. Computerised UTM of 5kN capacity (Table-top model may be preferred). 2. Suitable for carrying out Tensile and Compressive testing (Systems having additional bending, flexure test modes may be preferred). 3. Accessories for tensile and compression tests must be provided (suitable for soft tissues, biomaterials and polymers). 4. Able to perform tests on Soft tissues, Biomaterials and Polymers. 5. Include 500N and 5kN load cells with the system. 6. Load range 0.2% to 100% of the capacity or better. 7. Load accuracy: +/- 0.5% of reading over 2 to 100 % load range. 8. The vertical distance between the top surface of base platen and to the bottom surface of the moving crosshead shall be at-least 500 mm at their farthest location. 9. Crosshead speed range should be 1-500mm/minute or better. 10. Return crosshead speed should be high. 11. Load frame: Double column would be preferable. 12. Software (Compatible with Windows 7, 8 &10) provided along with the Machine. 13. The testing software must be able to perform tensile and compressive tests as per relevant international test standards. 14. Easy access for job mounting, grip changing etc. 15. Grips: wedge-screw type locking preventing slippage. 16. The machine should comply with all necessary international standards for polymer testing. 	1

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		17. The load frame should include an emergency stop switch for safety purposes. 18. Overload protection without mechanical damage. The sensor should be good enough to measure large extension of the soft material. 19. Power Supply 240 V, 50Hz, Single Phase 20. Should provide pneumatic grips as an additional accessory. 21. Warranty must be mentioned.	

N.B.: Other terms & conditions pertaining to item mentioned above shall be mentioned below:
 The Sealed quotations will be opened on 05/02/2016 at 11:00 AM in the office of School of Biomedical Engg. IIT (BHU) This is mandatory in case of e-publishing).

Sanjeev Kumar Mahato

A. V. Ray

CO-ORDINATOR
 समन्वयक
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