



NAVSARI AGRICULTURAL UNIVERSITY

NAVSARI AGRICULTURAL UNIVERSITY  
ERU CHAR RASTA, NAVSARI, GUJARAT-396 450

Dr. T. R. Ahlawat  
PI & NODAL OFFICER  
NAU-CAAST, NAHEP

Contact: 02637- 283452  
Email: caastnau@gmail.com

No. NAU/DR/NAHEP-CAAST/ 1063 /2019

Date: 31 /07/2019

To,

.....  
.....  
.....

Dear Sir/Madam,

**Subject: Invitation of Quotations for supply of Universal Testing Machine (UTM)**

The Principal Investigator and Nodal Officer, NAHEP-CAAST Sub-Project, Navsari Agricultural University, Navsari invites most competitive quotations in sealed envelope under National Agricultural Higher Education Project (NAHEP) CAAST sub-project entitled “Establishment of Secondary Agriculture Unit for Skill Development in Students and Farmers at NAU, Navsari” for below given from reputed sellers.

1. You are invited to submit your most competitive sealed quotation for supply of **Universal Testing Machine (UTM)**

Particular	Specifications
Load capacity	2000 to 5000Kg
No. of load cell	Optional One or Two
Cross Travel	up to 1000 mm
Horizontal day light	450mm
Speed	variable between 0.5mm/minute to 800mm/minute
Power	230 volts, 50Hz, Single phase
<p><b>Note:</b> All results such as Peak load, Elongation at Peak load, Break load, Elongation at Break load, % of elongation at Peak, % of elongation at Break, Tensile test at Peak, Tensile test at Break, Flexural stress, Compression Strength, Secant Modulus, Tangent Modulus &amp; Flexural Modulus, Elongation percentage at yield load, Modulus of Elasticity, Elongation at yield load are directly displayed in microcontroller as well as through Computer.</p> <p>The UTM should be capable to test the static bending, compression test (parallel and perpendicular to the grain), tensile tests (parallel and perpendicular to the grain), nail and screw holding test, indentation and flexural tests.</p> <p><b>UTM should include all the attachments or grips that can test the above mentioned mechanical properties of wood.</b></p>	
Other	Result should be display in microcontroller as well as through PC
	Highly accurate position control with high range of speed
	Automatic calculation of modulus at different strains selectable
	Must have multi display in Kg, pound, Newton mm, cm, inch selectable
	Safety norms of over load in auto/ manual mode

Particular	Specifications
	Data lock for calibration
	Suitable for checking all types of material including Wood and wood composite materials
	Overload & over travel facility should be provided in controller
	Speed can control through hydraulic valve
	Accuracy of the machine should be within its tolerance limit of + or – 1%
	Machine must have LCD display unit/computerized which can shows load, Elongation, Maximum Load, Breaking load and it can save at least last 5 samples reading.
Warranty	1 year is compulsory
<b>Note: Additional warranty may be quoted with extra amount</b>	

2. The quotation should be as per enclosed terms and conditions forwarded by hand/post/courier on/or before the closing date in the name of Principal Investigator and Nodal Officer, NAHEP-CAAST Sub-Project, O/o Directorate of Research, Navsari Agricultural University, Navsari – 396 450 (Gujarat). **Please mention “Quotation for supply of Universal Testing Machine (UTM) (NAU-CAAST)” on the top of the envelope.**
3. Government of India has received a financing from the International Bank for Reconstruction and Development (IBRD) in various currencies towards the cost of the National Agricultural Higher Education Project (NAHEP) and intends to apply part of the proceeds of this Loan to eligible payments under the contract for which this invitation for quotations is issued.
4. Payments will be done through Cheque/PFMS after receiving **Universal Testing Machine (UTM)** and bill in favour of the billing firm.



**Principal Investigator & Nodal Officer  
NAHEP-CAAST Sub-Project**

## Terms and Conditions

1. **Bid Price**
  - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
  - b) All duties, taxes and other levies payable on the Equipment and components shall be included in the total price.
  - c) Taxes in connection with the sale shall be shown separately.
  - d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - e) The prices shall be quoted in Indian Rupees only.
2. Each bidder shall submit only one quotation.
3. **Validity of Quotation**

Quotation shall remain valid for a period not less than 30 days after deadline date specified for submission.
4. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

  - a) are properly signed; and
  - b) Conform to the terms and conditions and specifications.

The quotation would be evaluated for all the items together.  
Sales tax in connection with sale of goods shall not be taken in to account in evaluation.
5. **Award of contract**

The purchaser will award the contract to be bidder whose quotation has been determined to be substantially responsive and who has offered the evaluated quotation prices.

  - 5.1 Notwithstanding the above, the Purchaser reserves the right to reject all quotations at any time prior to the award of contract.
  - 5.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
6. Payment shall be made immediately after delivery after goods.
7. Bank Account Details  
**The Supplier is required to provide the following mentioned information**
  - Name of the Bank and Branch:**
  - Postal Address (with PIN Code):**
  - E-mail and Phone:**
  - Bank Account No:**
  - Account Type:**
  - IFSC Code:**
8. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
9. All supply and work of above items should be consigned to **Department of Forest Biology & Tree Improvement, College of Forestry, Navsari Agricultural University, Near Eru Char Rasta, Navsari-396450 (Gujarat)** by Courier/in Person. However, the preferred mode of delivery is in person by hand against duly signed and stamped delivery-challan at above mentioned address only.
10. Supplier has to perform on-site live demonstration/training as per specification of item.
11. Original dispatch documents are to be forwarded by way of recorded delivery *i.e.* Registered post/Speed post/Courier in the above mentioned address only.
12. Supplier should submit the pre-receipted bill in triplicate mentioning the purchase order number, date and delivery challan number and date along with the supporting documents if any, such as photo copy and signed by the supplier concerned, as per institute book purchase rule. Each of the Invoice/Bill of the Vendor/Supplier concerned must bear the PAN number (*i.e.* Permanent Account Number) and **Xerox copy of the PAN Card duly signed with seal of the Vendor/Supplier.**
13. The bidder is at liberty to be present or authorize a representative to be present at the time of opening of quotation at the time and date as specified in the schedule. The name and address of the representative, who would be attending the opening of the quotation on the bidder's behalf, should be indicated in his/her quotation. Please also state the name and address of the permanent representative, if any.
14. While the purchaser and the vendor shall make every effort to resolve disputes amicably by direct informal negotiation, even then in any disagreement or dispute arising between them under or in connection with the contract shall be settled under the court of law within its jurisdiction at Navsari, Gujarat. The resultant contract will be interpreted under Indian laws.
15. All rights are reserved with the University Authority to accept or reject the Item without assigning any reasons thereof.
16. **You are requested to provide your offer latest by 17:00 hours on 20/08/2019.**
17. **Supplier can visit the site and discuss the plan of meeting hall to be modernized before submitting final quotation**
18. **We look forward to receiving your quotations and thank you for your interest in this project.**
19. We accept above mentioned terms and conditions

Signature of Supplier  
Seal/Stamp



Particular	Specifications	Comply (Yes/No)	Remarks
	Automatic calculation of modulus at different strains selectable		
	Must have multi display in Kg, pound, Newton mm, cm, inch selectable		
	Safety norms of over load in auto/ manual mode		
	Data lock for calibration		
	Suitable for checking all types of material including Wood and wood composite materials		
	Overload & over travel facility should be provided in controller		
	Speed can control through hydraulic valve		
	Accuracy of the machine should be within its tolerance limit of + or – 1%		
	Machine must have LCD display unit/computerized which can shows load, Elongation, Maximum Load, Breaking load and it can save at least last 5 samples reading.		
Warranty	1 year is compulsory		
<b>Note: Additional warranty may be quoted with extra amount</b>			

**OUR BEST PRICE TO FOLLOWING EQUIPMENT/INSTRUMENT/ITEM**

Sr. No.	Name of Equipment/Instrument/Item	Qty.	Rate per Item	Total amount (Rs.)
1	Universal Testing Machine (UTM)	01		
<b>Note: Quoted price should include GST/VAT/any other taxes or Transport, Installation and training if any pertaining to quoted prices</b>				

**Gross Total Amount: Rs. ....**

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs.....(Amount in figure) (Rs.....amount in words) within the period specified in the Invitation for Quotation.

We also confirm that the normal commercial warrantee/guarantee of ..... months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

We hereby accepted Terms and Conditions (Dully sign accepted)

**Signature of Supplier  
Seal/Stamp**