

INVITATION FOR QUOTATION

TEQIP-II/2016/UK2G01/Shopping/129

20-Oct-2016

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I.

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Dynamic Mechanical Analyzer(DMA)	1	60	Dean College of Technology G B Pant University of Ag & Technology, Pantnagar-263145	NIL

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. **Qualification Criteria** : The bidder / supplier should have
 - 3.1 A minimum of 3 years' experience of supplying similar items.
 - 3.2 Not been blacklisted by any Govt. Institution/Organization.
4. **Quotation**
 - 4.1 The contract shall be for the full quantity as described above.
 - 4.2 Corrections, if any, shall be made by crossing out, initialing, dating and re-writing.

- 4.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
 - 4.4 Applicable taxes shall be quoted separately for all items.
 - 4.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - 4.6 The Prices should be quoted in Indian Rupees only.
 - 4.7 Custom duty exemption certificate may be provided if demanded by the firm.
5. Each bidder/supplier shall submit only one quotation.
 6. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.
 7. **The quotation should include the following information**
 - 7.1 The copies of original documents defining the constitution or legal status, place of registration and principle place of business of the company or firm or partnership, etc. in India.
 - 7.2 An affidavit for not been black listed by any Govt. Institution/Organization.
 - 7.3 Authorization Certificate from the OEM/Principal (if the bidder / supplier is not an OEM) assuring full guarantee and warranty obligations during the liability period, for the goods offered.
 - 7.4 The list of clients duly supported by copies of Purchase Orders, Installation and performance reports signed by the purchasers/users.
 - 7.5 Details of service/support centers located in India.
 8. **Evaluation of Quotations** : The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - 8.1 are properly signed ; and
 - 8.2 Confirm to the terms and conditions, and specifications.
 9. The Quotations would be evaluated for all items together.
 10. **Award of contract:** The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
 - 10.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
 - 10.2 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.
 11. Payment shall be made in Indian Rupees as follows:

Satisfactory Delivery, Installation and Acceptance - 100% of total cost
 12. All supplied items are under warranty of **36** months from the date of successful acceptance of items.

13. You are requested to provide your offer latest by **15:30** hours on **09-11-2016**.
14. Detailed specifications of the items are at Annexure I.
15. Training Clause (if any) **onsite training free of cost**
16. Testing/Installation Clause (if any) **Satisfactory Installation and demonstration.**
17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
18. Sealed quotation to be submitted/ delivered at the address mentioned below and clearly written on the top of the envelope "Quotations under TEQIP-II" :

**Dean
College of Technology,
G.B. Pant University of Agriculture & Technology,
Pantnagar – 263 145 (Uttarakhand)**

19. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)
Nodal Officer (Procurement)
TEQIP-II, College of Technology
GBPUAT, Pantnagar

Sr. No	Item Name	Specifications
1	Dynamic Mechanical Analyzer(DMA)	<ul style="list-style-type: none"> • Dynamic Measurement Mode Sinisoidal Oscillation Mode, and Synthesis Wave Oscillation Mode. Static measurement Stress Control Mode, and Strain Control Mode • Wide Modulus measurement range • Multiple deformation Mode Tension, Dual-cantilever Bending, 3-Point bending, Compression, Shear, Film shear • Temperature Dispersion Measurement and • Temperature range -150°C to 600°C • Cooling rate 0 to 20°C/min with Liquid LN₂ Cooling Unit • Temperature Program Ramp Mode : Step : up to 100 Step Step Mode: Step Temp. min. 0.01°C • Cooling options: Auto LN₂ Gas Cooling Unit, Forced Air Cooling Unit • Measurement atmosphere: Air, Inert gas, Liquid, controlled Humidity • Scan rate 0.01°C to 20°C/min • Static Measurement: Program stress control / Program strain control • Measurement Range: 10³ to 10¹² Pa • Modulus Repeatability 68 ± 2 GPa (1Hz) Dual Cantilever Bending 195 ± 5 GPa (1Hz) • Measurement Frequency : Sinusoidal Wave Oscillation – 20 frequency sequential measurement at 0.01 – 200 Hz Synthetic – 5 frequencies sinusoidal oscillation with base frequency x2, x4, x10, x20 • Maximum Force Range : Static ± 10N, Dynamic ± 10N with resolution higher 0.001N • Force Amplitude: 10⁻⁵N • Displacement Amplitude: 10⁻⁸m • Tension measurement attachment comes as standard • Frequency resolution: 0.001 Hz • Modulus range: 10³ to 10¹² pa • tan δ Measurement Range 0.001 to 9.9999 • tan δ Sensitivity: 0.0001 • tan δ Resolution: 0.000001 • Sampling Time: min. 3 sec (Dynamic & Static Measurement) • Displacement range: ±0.5 to 200µm • Stiffness Range: 2 x 10² to 1 x10⁸N/m with resolution

		<p>better 2N/m PMMA</p> <ul style="list-style-type: none"> Standards : Sample size: Tension: max. L35 x T3 x W10mm Dual-cantilever Bending: max. L50 x T5 x W16mm <p><u>Sample Dimensions:-</u></p> <p><u>Tension</u> Length of Specimen: 25 to 50 mm (Including chucking space), Active length: 5 to 30 mm, Thickness t: up to 5 mm, Width w: up to 10 mm Diameter d: up to \varnothing5 mm</p> <p><u>Dual-Cantilever Bending</u> Length of Specimen: 50 ± 2 mm, Active length: 20 mm, Thickness t: up to 5 mm, Width w: up to 15 mm, Diameter d: up to \varnothing5 mm</p> <p><u>Single-Cantilever Bending</u> Length of Specimen: 25 - 30 mm, Active length: 8-10 mm, Thickness t: up to 4-5 mm, Width w: up to 15 mm, Diameter d: up to \varnothing5 mm</p> <p><u>3-Point Bending</u> Length of Specimen: 40 to 50 mm, Active length: 30, 40 or 50 mm, Thickness t: up to 5 mm, Width w: up to 15 mm, Diameter d: up to \varnothing5 mm,</p> <p><u>Shear</u> Active length: 0.5 to 5 mm, Cross-Section t x w: up to 10 mm square, Diameter d: up to \varnothing10 mm</p> <p><u>Film Shear</u> Active length: 5 or 10 mm, Thickness t: up to 1 mm, Width w: up to 15 mm</p> <p><u>Compression</u> Active length: up to 15 mm, Diameter d: up to \varnothing10 or \varnothing15 mm</p> <p><u>Spring Fastening Tension:</u> Length of Specimen: 25 to 55 mm (Including chucking space), Active length: 5 to 25 mm, Thickness t: up to 0.5 mm, Width w: up to 10 mm, Diameter d: up to 0.5 mm</p> <ul style="list-style-type: none"> <u>Control and Software</u> Software have parameters for instrument control, method storage, multi Ramp, various calculations, E', G', E'', G'', E^*, G^*, $\tan \delta$, η, J', J'', ΔE_a, master curve analysis, display of multiple curves on single screen, on-line help, flexibility to upgrade with Network, Multiple Y-Axis and user customizations. Dynamic Mechanical Analyzer should have facility for Real View Sample Observation during measurement and analysis of the samples. The Images of DMA Data should be linked between state of sample and temperature. The images should be display through Thumbnail View by clicking a point on data curve and Slide show. Images should be digitally zoomed with different magnification up to 5-6 times. For display of the parameters computer will be provided by the department.
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FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To:

Dean
College of Technology
G.B. Pant University of Agriculture & Technology
Pantnagar - 263145 (Uttarakhand)

S. No.	Description of Item (Full specifications including Manufacturer, Country of Origin and Model No.)	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/guaranty commitments) [FOR, Pantnagar]	No. of Units	Total Price (A)	*Sales Tax and other Taxes Payable		Gross Total Cost (A + B)
					In %	in Figure (B)	

**mandatory to be mentioned*

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

We confirm that the normal commercial warranty/ guarantee of**months** shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

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

Signature of Supplier

Name : _____
Address : _____
Contact No : _____
Seal : _____

