

**DAYALBAGH EDUCATIONAL INSTITUTE  
DAYALBAGH, AGRA-282005**

**Notice Inviting Tenders**

**Limited tender No: DEI-Engg&TC-SPM-2017-18-TDR-24-UTM**

**Date: 28 August 2017**

Sealed tenders are invited from the Manufacturers/ Suppliers/Authorized dealers/ agencies for the supply and installation of the following:-

Sl. No	Item	Quantity
1	<i>Universal Testing Machine Computerized, Capacity, 1000 kN, 6 pillar type with Hydraulic Jaws. Supplied with Latest Desktop Computer, Printer and In House NABL Calibration Certificate in compression mode.</i>  <b>with Specifications as per Annexure-1</b>	<b>ONE</b>

The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of **Rs.29,000** /- by way of demand drafts/banker's cheque/FDRs which is refundable, and a non-refundable tender fee for an amount of **Rs. 200/- (Rupees two hundred only)** by Demand draft. The demand drafts (validity 45 days beyond final bid) for earnest money deposit & tender fee must be enclosed in the envelope containing the bid documents, super-scribed with tender number, due date of submission on the envelope and addressed to :

**“The Registrar  
Dayalbagh Educational Institute,  
Dayalbagh, Agra – 282005,  
Uttar Pradesh”**

**Note:** Central Purchase Organization, Small Scale Industries/ National Small Scale Industries Corporation shall be exempted from payment of Earnest Money Deposit. Tenderer seeking exemption should enclose a self attested photocopy of valid registration certificate with NSIC.

(The Earnest Money will be liable to be forfeited if quotation is not honored or if contract is not signed with the Institute, after the award is made to the Tenderer)

1. Time and last date of submission of the Bid: 11.00 am on 22.09.2017
2. Time of Bid Opening: 11.30 am on 22.09.2017
3. Venue of Bid Opening: Conference Hall , CAO, Dayalbagh Educational Institute in the presence of bidders who want to be present at the time of opening of bid.

Interested bidders may post (at the above address) or put the tender documents completed in all respect and other requisite documents in the tender box kept in the General Section, CAO, Dayalbagh Educational Institute, Dayalbagh, Agra- 282005. The bidders are also informed that they may come personally or send their representative to be present at the time of opening of bid. Please note that tender box shall be opened at the time mentioned above irrespective of whether bidders himself or any of their representative are present or not. The tenders shall not be entertained after this deadline under any circumstances what so ever. For more details please visit the Institute's website <http://www.dei.ac.in>.

Registrar  
Dayalbagh Educational Institute Dayalbagh,  
Agra-282005

**Note:- For full details of equipment, please see attached Annexure -1**

Kindly address the quotations to "**Registrar, Dayalbagh Educational Institute, Dayalbagh, Agra**" and dispatch in the properly sealed envelope at the following address or drop the tenders in the drop box kept in the Institute:

**Registrar,  
Dayalbagh Educational Institute,  
Dayalbagh, Agra 282005**

For any clarification you may contact the following:  
Er. S.P. Mathur Mobile No.9639009800

## **General Terms & Conditions**

**Note:** Bidders must submit the following primary information/documents with the quotation. Bidders will have to indicate these particulars in their quote failing which the offer may be rejected. Please do produce the related documents whenever required by the Institute.

1. Trade License/Company Registration No.
2. GST Regn. No. and HSN Code
3. Income Tax PAN No.
4. Firm's Bank A/c details
5. Bidders are requested to quote rate(s) per unit(s) only in the recognized Accounting units otherwise your quotation will not be accepted.
6. Cost of items shall include installation, support and troubleshooting.
7. Warranty and Support: for Hardware and Software should be explicitly mentioned.
8. Bidders should be OEM/Authorized partner/Authorized dealer of OEM.
9. Bidders should quote rates as per details/specifications mentioned in notice inviting Tender. The Institute reserves the right to place order for each job to single/separate vendor(s) if necessary. The quantity of the items may vary.
10. Bidders should quote rates on FOR/Free Delivery at the sites specified in the Notice inviting Tender, inclusive of all charges else should mention estimated cost of packing, forwarding, insurance and freight by Rail/Road/Post etc. as the case may be.
11. Bidders must indicate if their rate is inclusive of VAT/Sales Tax and /or Excise Duty.
12. In case opening date of Tender happens to be holiday, tender will be received and opened on the next working day at the same time and same place. Quotation received after the closing date will not be entertained and revision in the price will render the bid invalid. Quotation should indicate clearly the period of validity, preferably not less than 45 days.
13. In case of an offer for items having multiple options, you should clearly indicate item-specific price(s). Please quote separate item-wise rate(s), when quotation has been asked for so. For every offer, packing and forwarding charges, GST/Sales/VAT/Service Tax etc. should be shown separately.
14. Bids will be evaluated after equated comparison of offers upon calculating all taxes/duty/cess/surcharge/discount/packing/transportation costs, other charges with price and non-compliance of technical and commercial terms will render a bid liable for rejection.
15. Bidders will have to submit Bills/Invoices on dispatch of stores, if ordered, to this office in triplicate duly pre-receipted (and stamped for amount over Rs. 5000/-) and supported by the relevant delivery documents for audit and payment directly in your bank account through RTGS/NEFT. Generally, payments can be expected within one month and are made against acceptance of supplies/ jobs completed and in deserving cases, against shipment documents.
16. No insurance charges are allowed unless otherwise specified and agreed to by us. In the absence of any specific instructions, it will be the responsibility of the supplier to ensure a consignment against transit risk at his own expense if he so desires.
17. The Institute is not bound to accept the lowest rate or any other offer and the acceptance of the offer is entirely at the discretion of the Committee.
18. All purchases are subject to the approval of the Governing Body of the Institute.
19. The Institute reserves the right to select certain items in single or multiple units and reject the others or all as mentioned in the schedule and to revise or alter the specifications before acceptance of any tender and accept or reject any or all tenders, wholly or partly or close the tender without assigning any reason whatsoever.
20. The Bidder shall be required to submit the amount of **Earnest Money Deposit (EMD)** mentioned in the Notice Inviting Tender which is refundable, and a non-refundable **Tender Fee** for an amount of **Rs 200/-** (Rupees two hundred only) by way of demand drafts/banker's cheque/FDRs. The demand drafts shall be drawn in favor of "**Dayalbagh Educational Institute, Agra**" payable at **Agra**. The demand drafts

(validity 45 days beyond final bid) for earnest money deposit & tender fee must be enclosed in the envelope containing the bid.

- a.) The firm(s) that are registered with the National Small Industries Corporation (NSIC)/or Small Scale Industries (SSI) are exempted from furnishing the EMD. Self-attested photocopy of the valid registration certificate must be enclosed with their bid.
  - b.) The demand drafts for EMD & tender fee must be enclosed in the envelope containing the technical/price bid and super-scribed with tender number and due date of submission on it. Any technical/price bid is found without the demand drafts of EMD and tender fee will be rejected.
- The Institute will not be liable to pay any interest on such an amount. The EMD shall be forfeited, if the Bidder withdraws its bid during the period of validity of Tender.

- 21. Arbitration and Laws: In case of any dispute or difference arising out of or in connection with the tender conditions / order and Contract, the Institute and the Supplier will address the dispute / difference for a mutual resolution and failing which, the matter shall be referred for arbitration to a sole Arbitrator to be appointed by the Institute. The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Agra only. The resolution of the Arbitrator shall be final and binding on both the parties.
- 22. Jurisdiction: The courts at Agra alone will have the jurisdiction to try any matter, dispute or reference between parties arising out of this tender/contract. It is specifically agreed that no court outside and other than Agra court shall have jurisdiction in the matter.

**Registrar, DEI**

### **Special Terms & Conditions**

1. The bid is to be submitted in TWO Bid Pattern i.e. Techno-Commercial Bid and Price Bid in **Two separate sealed covers/envelopes** .
2. Preference will be given to ISO 9001:2000 certified Manufacturer/suppliers, who can ensure the manufacturing of the machine as per the required testing standards IS//BS/BIS/ASTM standards and within the specified tolerance limits.
3. Manufacturers should have NABL accredited testing and calibration facility from minimum last eight years.
4. Bidders should provide list of plant and machineries and inspection tools along with quotation.
5. Manufacturer should have in-house R & D center duly recognized by Department of Scientific & Industrial Research, Ministry of Science and technology. Bidder has to provide the certificate along with the tender.
6. Manufacturer will ensure the tractability (source of calibration) of the calibration unit to NCCBM, NPL etc. Bidders should quote make of the quoted equipment along with authorized letter from manufacturer.
7. Before placing the orders, supplier should offer us factory visit to ensure the capability of supplier.
8. The minimum turnover of manufacturer of last three year should be more than 5 times of tender value. A certificate to that effect should be provided by the manufacturer where the certificate is issued by third party auditor.
9. Bidders should provide copies of original Memorandum and Articles of Association, defining the constitution or legal status, place of registration and place of business of the company.
10. Bidders should provide details of service centre and information on service support facilities that would be provided after the warranty period. Manufacturer should have trained and qualified customer support staff with ample experience in the required field.
11. After qualifying in Technical Bid, Financial Bid shall be opened by committee.
12. Offer should be submitted with Original Technical Literature by bidder.
13. Warranty period should be one year or more from the date of installation.
14. Detailed training has to be provided to the department for complete operation on Instrument & Software at our institute of 3 days.

15. The instruments & software's should be robust and working should be User friendly .
16. Bidder should have experience for supply the instruments in NIT,s IIT,s & Central Universities copy of purchase order to be enclosed.
17. Delivery within one month from the date of purchase order.
18. Bidder must submit the Bank Solvency Certificate (Not exceeding 2 Years from the date of publication of the tender). Copy of the same is to be provided with technical bid.
19. Bidder should submit the balance sheet and Profit & loss accounts of last three year. Certificate from CA should be and copy of audited balance sheet should be provided.
20. EMD Should be Submitted in the form of Demand Draft.
21. Prices to be inclusive of installation and commissioning.

## Technical Specifications

### 1. Universal Testing Machine Computerized, Capacity, 1000 kN, 6 pillar type with Hydraulic Jaws. Supplied with Latest Desktop Computer, Printer and In House NABL Calibration Certificate in compression mode

Type	6 pillar/Column type Load frame for 100kN
Capacity	1000kN
Sample Gripping system	Hydraulic
Resolution	0.01kN
Max Clearance for Tensile Test	50-700mm
Max Clearance for Compression Test	0-700mm
Effective Clearance between Columns	650mm
Ram Stroke	250mm
Straining/piston speed at no load	0-50mm/min
Control	Manual Load Control
Software	Data analysis and reporting software
Desktop Computer & Printer	Latest specification computer with window 7 & PRINTER
Manufacturers must attach all required certificate for evaluation & technically qualified	<ul style="list-style-type: none"> <li>• <b>Bidder must have implemented and maintains ISO 9001:2008 Quality Management System.</b></li> <li>• <b>Bidder should have in house NABL Calibration Facility from last 6 to 8 years.</b></li> <li>• <b>Bidder should have In House R&amp;D Unit. A certificate from Ministry of Science &amp; Technology, Govt. of India is required.</b></li> </ul>

#### Universal Testing machine should be supplied along with following accessories:

##### **For Tension Test**

- Clamping jaws for round specimens 8-25mm, 25-45mm & 40-60mm - 1set each
- Clamping Jaws for Flat Specimens thickness 0-40mm – 1 set

##### **For Compression Test**

- Pair of compression plates -220mm- 1 No
- Spherical seating facility for cube test
- NABL Calibration certificate in compression mode

##### **For Transverse Test:**

Table with adjustable roller

- Width of roller -140 mm
- Diameter of roller- 50mm
- Maximum clearance between support – 700mm
- Radius of Punch Tops-16mm, 22mm – 1 No each

Data analysis and reporting software for UTM – 1No

Desktop Computer with printer– 1 No.

Automatic switching mode: Machine shall be automatically switched off on overload or over travel or specimen break or manual termination of test or at pre-defined load/extension.

#### Machine should fulfill following features:-

Loading accuracy as high as +/- 1% of the indicating value.

Robust Load frame with extremely rigid Connection.

Bend Test attachment 180°.

Electronic Extensometer strain gauge type with 2.5mm extension & gauge length 25 & 50mm.

**Minimum Recommended Computer Hardware**

- 2 GHz Pentium Dual Core or equivalent
- 2 GB RAM, although using multiple testing machines may require additional memory and/or a faster Processor
- 256 MB DirectX 9.0 capable video card
- 250GB HD Drive
- CD-ROM Drive
- Mouse or pointing device and keyboard supported by Windows
- Monitor that supports at least 1024 x 768 resolution and 32-bit color
- 2 USB Serial Port adapter per machine
- Windows compatible printer recommended for reporting capabilities
- Windows compatible sound card and speakers (for audio playback)
- Additional USB ports for measuring devices, barcode scanners, printer etc.
- At least 1 integrated serial port (not USB) where possible
- Lan Card for connecting with electronic panel.



**FORM B****Details of Last Three Years Experiences**

(To Be Inserted in second Envelope of Technical bid &amp; then sealed)

S.No.	Name & address of organization to whom services provided	Order no & date	Value of order	Items sold
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				

Attach extra sheet, if required

(Signature &amp; seal of Authorized signatory)

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**FORMAT FOR TECHNICAL BID  
FORM A**

(To Be Inserted in Second Envelope of Technical bid & then sealed)

S.No.	Particulars	Relevant information from firm/company
1.	Name of the firm/company	..... .....
2.	Postal Address of the firm/company	..... ..... ..... .....
3.	Telephone Nos.	(O)..... (R) ..... (Mobile)..... Fax. No. ....
4.	E-mail address, if any	
5.	Name & addresses of proprietor/partners/directors.	1. .... 2. .... 3. .... 4. .... 5. ....
6.	Name of contact person, designation with Mobile No. (if any)	..... .....
7.	Service set up in Bhopal, /Metro Cities	Yes/No
	If yes, postal address with telephone numbers at these locations.	..... .....
8.	Manufacturer, (if yes, attach license copy for manufacturing)	Yes/No
	Authorised dealer ( If yes, attach copy of authorization)	Yes/No

9.	Past Experience- 3 years in the field of Total Station.	Yes/No
	If yes, please provide information in Form B	<b>Refer Form B</b>
10.	Valid registration on the date of application with the following Govt. authorities-	(Please enclose the its proof by enclosing the photocopies of these documents)
	Municipal corporation ( for shop) / District Industries center ( for industry)	No. .... Validity.....
	Commercial Tax department (enclose copy of certificate)	TIN No. ....
	Income tax No. (enclose a copy of certificate)	PAN .....
	Excise Deptt., if applicable (enclose a copy of certificate)	No. .... Validity.....
11.	Court cases against you or your firm/ company (if any),	Yes/No
	If yes, brief account of these cases and their status. ( Enclose extra sheets)	..... ..... .....
12.	Offered product specifications	Please fill form C of technical bid

Signature of Authorized signatory

Name & seal .....

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|----|--|--------|
| 1. | Whether EMD in the shape of Demand Draft valid for six months,   | Yes/No |
| 2. | Whether tender document duly signed by authorized signatory Attached?  | Yes/No |
| 3. | Whether a list of institutions / organizations where your firm has supplied this item / equipment / instrument recently, is Attached.                              | Yes/No |
| 4  | If you are an authorized agent / dealer / distributor of the firm / company / manufacturer and whether authority Letter as issued by them in your favour attached? | Yes/No |
| 5. | Whether Technical broucher of the equipments attached?   | Yes/No |

Signature of authorized  
signatory with seal of the firm

