

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

Notice Inviting Tenders

Limited tender No: DEI-Engg&TC-SPM-2017-18-TDR-33-TOTALSTATION Date: December 22, 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	Surveying Equipment Electronic Total Station	5Nos.

The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of **Rs.49,800/-** 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 16.01.2018
2. Time of Bid Opening: 11.30 am on 16.01.2018
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 -I

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. Warranty should be for Minimum 3 year from the date of supply of goods in working conditions.
3. Detailed training has to be provided to the department for complete operation on Instrument & Software at our institute in three installments of 2days.
4. The instruments & software's should be robust and working should be User friendly
5. Bidder should be direct Authorized distributor of manufacturer; certificate in original from the manufacturer against the specific bid should be attached with the technical bid.
6. The manufacturer should have at least 4 to 5 service center of their own in India for better service support.
7. Bidder should have experience for supply the instruments in NIT,s IIT,s & Central Universities copy of purchase order to be enclosed.
8. The manufacturer ISO certificate should be attached with the bid.
9. The bidder should have minimum experience of 5 years for supplying the Surveying Instruments in India.
10. Bidder should show the proof of country of Origin certified by manufacturer and Chamber of commerce”.
11. Delivery within one month from the date of purchase order.
12. 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.
13. 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.
14. EMD Should be Submitted in the form of Demand Draft.

Note- We have Custom Duty Exemption Certificate.

Other terms and Conditions:

1. Prices to be inclusive of installation and testing.
2. Extended warranty for three (one + two) years.

TECHNICAL SPECIFICATIONS FOR THE PROCUREMENT OF ELECTRONIC TOTAL STATION

Sr. No.	Specifications	Specification Required in Tender Document
1	Telescope: (a). Magnification Image Field of view Resolving power Minimum focusing distance	30 X Erect 1° 20" 3" 1.5 m to 1.7m
2	Angle Measurement: (a)Least Count (b) Standard deviation for Horizontal & Vertical angle (Angular Accuracy as per DIN 18723)	0.1" 5"
3	Compensator: (a) Type (b) Compensating Range	Dual Axis +/- 3.5"
4	Distance Measurement: (a) With Reflector (i) Single Round Prism (ii) Shortest measurable distance (b) Without Reflector (i) Range (C) (ii) Accuracy	Upto 2.5 Km or better 1.5m or better 300 m or better on Kodak gray 90% reflectivity. +/- (2mm + 2ppm) (With Reflector) +/- (3mm + 2ppm) (Without Reflector)
5	Laser plummet: (a) laser Centering device	Inbuilt Laser Plummet in alidade preferably with brightness adjustment
6	Ttracklight (a) Guide Light	Aligning aid for Rod Man during stakeout.
7	Level Sensitivity: Electronic Level in display	with sensitivity of 1"
8	Data Storage: (a) Internal Memory	= 1GB (50,000 Points) or more
9	On Board Software	<ul style="list-style-type: none"> • OS Windows 'C' • Should have on board programs for orientation & Surveying, height transfer, tie distance, Remote Height, Offset Stake out, area calculation as well as subdivision, visible layout, map, traverse and its adjustments, feature coding, should display the point, lines or polygon surveyed in the field, should support active background map as well as provide direct output as dxf file etc. • The Instrument should have capability to upgrade in future for onboard program for tunnel cross section measurement. • Instrument should have capability to measure the zenith • Instrument Should Support Various Coordinate Systems.

10	Battery (a) Type (b) Operating time	= Lithium-ion with provision for external battery = 7 hrs or more (continuous distance/angle measurement)
11	Communication Port	2 USB Port 1 Serial (RS 232) Port
12	GPS Compatibility	Should be able to interchange data between GPS and Total Station
13	Position & Keypad Display face 1 Display face 2	Display on both faces; at least one face should be colored sun readable display with touch screen & hard Key pad as well as QWERTY soft keypad. QVGA,16bit color, TFT LCD, backlit(320x240 pixel) or better Backlit, graphics LCD(128x64 pixel) or better
14	Environmental Specifications: (a) Working temperature Range	= - 20o C to + 50o C
15	Dimensions (a) Weight	≤4.5 kg
16	Data Processing S/W	= (i) should be capable for Loading on Desktop computers (ii) Should support GIS S/W (iii) Should support import/ export to Other formats such as DWG, etc (iv) Should support traverse and its Adjustments. (v) Should support COGO function (vi) Data produced should be able to merge With data by total stations of other make. (vii) Should be able to prepare DTM (viii)Should support feature coding (ix) Should support stake out (x) Should support determination of local Co-ordinate system parameters and should have provision to input Predefined Co-ordinate system Parameters (xi) Should support layers (Xii) Should support all drawing tools.
17	Dust and Water Protection	IP 66
18	Accessories (with each instrument)	(i) Universal telescopic tripod wooden stand = 1 Nos. (iii) Telescopic Poles for prism = 1 Nos. (iv) Single prism with holder and target plate = 1 Nos. (v) Pen drive 8GB or better = 1 Nos. (vi) Data transfer cable = 1 No. (vii) Internal battery = 2 Nos. (Viii) Dual Slot Battery Charger 1 No. (ix) Data processing S/W = 01 All the offered accessories should be of OEM make only.

Minimum Technical Specification for data processing software

- The software must be able to import and display field data that includes total station measurements.
- The software must be able to re-compute point locations from direct and offset total station observations.

- The software must be able to warn a user when a total station observation exceeds user-defined precision and reliability criteria.
- The software must be able to update the coordinate of the total station setup and backsight(s), and automatically update all points measured from that setup.
- The software must be able to calculate the position and orientation of a total station setup by resection.
- The software must provide an interface to review and edit mean angle observation sets.
- The software must be able to calculate the standard deviation for the mean horizontal angle, vertical angle, and slope distance in each mean angle observation set.
- The software must be able to warn a user when observations within a mean angle observation set exceed user-defined conformance criteria.
- The software must be able to produce a mean angle report.
- The software must be able to calculate and display the horizontal and vertical precision of each total station observation.

FORM A

Details of Last Three Years Experiences

(To Be Inserted in second Envelope of Technical bid & 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 & seal of Authorized signatory)

Annexure -III
FORMAT FOR TECHNICAL BID
FORM B

(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	Refer Form A
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	

Signature of Authorized signatory

Name & seal

**CHECK LIST DULY FILLED IN TO BE ATTACHED WITH PRE-QUALIFYING-CUM-TECHNICAL BID
FOR
THE EQUIPMENT OF THE DEPARTMENT OF Civil Engineering**

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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