

DAYALBAGH EDUCATIONAL INSTITUTE
DAYALBAGH, AGRA – 282005

NOTICE INVITING TENDERS

Limited tenders No:DEI/SC/ZOO/SP/2016-17/TDR-No-22

Date: 26.09.2016

Short term sealed limited tenders are invited from the Manufacturers/ Suppliers/ Authorized dealers/ Agencies for the supply and installation of the following –

S.No.	Item	Quantity
1.	Gradient PCR and accessories *Specifications	1
2.	Real Time PCR and accessories **Specifications	1

The tenders shall be required to submit the Earnest Money Deposit (EMD) for an amount of **Rs 4,000/- (Rupees four thousand only)** by way of demand draft/ banker's cheque/FDRs which is refundable and a non-refundable tender fee for an amount of **Rs 200/- (Rupees two hundred only)** by cash of 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. Tender 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 am; 18.10.2016
2.	Time of Bid opening	:	11:30 am; 18.10.2016
3.	Venue of Bid opening	:	Conference Hall, CAO, Dayalbagh Educational Institute, Agra

Interested Suppliers/ Authorized dealers may post or put the tender document complete in all respect and other requisite documents in the tender box kept in the General Section, CAO, Dayalbagh Educational Institute, Agra – 282005. The tenders shall not be entertained after this deadline under any circumstances whatsoever. For more details please visit Institute's website <http://www.dei.ac.in>

Registrar
Dayalbagh Educational Institute
Dayalbagh, Agra – 282005

Specifications

*Gradient PCR Specifications:

- Gradient thermal cycler with 96 well block.
- Gradient temperature range from 30-99⁰C, and lid temperature from 37-110⁰C.
- The system should have temperature accuracy of $\pm 0.2^{\circ}\text{C}$ and temperature uniformity of $\pm 0.4^{\circ}\text{C}$.
- System must support reaction volume of 10-100 μl .
- The system must provide flexibility of interchangeable 96 well and 384 well blocks; both blocks must offer gradient capabilities.
- System should have memory for at least 10,000 protocols.
- System should have USB option for easy transfer of data.
- Auto restarts facility in case of power failure.
- System should be provided with a minimum warranty of 3 years, suitable UPS with 30 min backup and with a 5kV stabilizer.

**Real time specifications:

- System should be Peltier based with 96 well plates or 8 tube strips.
- System to provide on line Cycle by Cycle monitoring with continuous display of readings for Fluorescence, Temperature changes and progression of amplification. System should be supplied with software for **absolute and relative quantification, Tm calling, melting curve based genotyping and endpoint genotyping, HRM Analysis software**. System should be capable of using Gene Scanning software, Multiple Plate Analysis software, Probe Design Software for designing primers and / or probes for simple qualitative analysis, SNP analysis, and gene expression analysis or mutation detection in monoplex or multiplex assays.
- System should have Detection dyes – **SYBR Green I, ResoLight high-resolution melting dye, FAM, HEX, Cy5, LC Red 610, Yellow 555, Texas Red**, etc. System should have the capability to perform up to four color multiplexing capability having least cross talk. No internal reference dye should be required.
- The peltier based thermal cycler must support fast 45 cycle protocol run time to complete the PCR cycle in less than 60 mins.
- System should contain minimum four-position (or more) fluorescence excitation as well as emission filters to cover most of the dyes. Excitation source should be High powered broad spectra LED.
- System should include gradient capacity with fast dynamic ramping rate with maximum heating ramp rate of 4.4⁰C and average cooling ramp rate of 2.2⁰C. Gradient operational temperature range should be 37-100⁰C with accuracy of $\pm 0.2^{\circ}\text{C}$; reaction volume should be 10-50 μl .
- System should be supplied with latest Pentium computer with colour monitor. It should have an interface to laboratory host computer.

- System should have barcode reader with USB connection. It should be able support online monitoring using LAN connection.
- System should be compatible for 220Volt/ 25Hertz power supply.
- System software should be based on Windows XP, Windows 7 with auto backup functions.
- System shall include simultaneous data acquisition for all positions in 10-1000 ms (dynamic mode) and offline analysis.
- System should be robust, reliable and maintenance free without day today calibrations; routine maintenance should be required once in two years.
- System should be provided with a minimum warranty of 3 years and with a 5kV stabilizer.
- Free of charge training in equipment maintenance by the certified company engineers during warranty periods at DEI.

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. VAT/ Service Tax Registration No.
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.
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. 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, Sales/ VAT/ Service Tax etc. should be shown separately.
14. Bids will be evaluated after equated comparison of offers upon calculating all tax/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 direct to you or to your bankers. Generally, payments can be expected within one month and are made against acceptance of suppliers/ 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 rights 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 Tenders 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/FRDS. The demand draft shall be drawn in favour of "Registrar, Dayalbagh Educational Institute, Agra" payable at Agra. The demand drafts (validity 45 days beyond the 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 of 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 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 this matter.

Registrar, DEI