

**Dayalbagh Educational Institute  
(DEEMED TO BE UNIVERSITY)**

Dayalbagh, Agra

Limited Tender No. DEI/Sc/Botany/SM/2018-19/TDR-45

Date: 27-02-2019

**Notice Inviting Tenders**

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

S.No.	Item	Quantity
1	<b>Real Time PCR</b> Specifications as per <b>Annexure-I</b>	1

The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of **Rs.24,000/-** 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 Cash or Demand draft. The demand drafts shall be drawn in favour of "**Registrar, 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 documents with Tender number marked on the envelope 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. Tenderers 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 20.03.2019
2. Time of Bid Opening: 11.30 am on 20.03.2019
3. Venue of Bid Opening: CAO, Dayalbagh Educational Institute, in the presence of bidders who want to be present at the time of opening of bid.

Interested Contractors/Suppliers/Authorized dealers may 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, 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> or contact Ms. Sushma Mishra –(8860502400, 7678148413).

Registrar  
Dayalbagh Educational Institute Dayalbagh,  
Agra-282005

## **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. Goods / Service Tax Regn. 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/ Contractors.
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 rates are inclusive of taxes.
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, GST or any 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 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 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. Institute reserves the authority to increase / decrease the quantity (50%) if deemed necessary.
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 Earnest Money Deposit (EMD) by way of Demand Draft /Banker's cheque / FDRs mentioned in the Notice Inviting Tender 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. The demand drafts shall be drawn in favour of **“Registrar, 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 Technical 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 Bid and super-scribed with tender number and due date of submission on Technical Bid /Price Bid. Any technical 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.
  23. Excise Duty: The Institution is exempted from payment of Excise Duty under Govt. of India notification No.10/97 – Central Excise dt. 01.03.97 issued by Ministry of Science & Technology. Hence, the offer shall be submitted accordingly incorporated the Integrated Tax(GST).
  24. the bidders should not include the Excise Duty in the quoted price, which can put them into a disadvantageous position. They should however, quote separately the percentage / quantum of excise duty applicable.
  25. Customs Duty: In case of Imported Items, please note that we are exempted from payment of Customs Duty in terms of Notification No.51/96-CUSTOMS dated 23.7.1996 as amended from time to time. Issued by Ministry of Science & Technology, Dept. of Scientific and Industrial Research, Government of India, we are eligible for concession of Custom duty.

**Registrar, DEI**

**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:  
Ms. Sushma Mishra – 8860502400, 7678148413

**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** with tender marked on it.
2. Warranty should be for Minimum **two** years from the date of supply of goods in working conditions.

**Note- We have Custom Duty Exemption Certificate issued by DSIR.**

## Annexure -I

### **Specifications** **for Real Time PCR**

1. The system should be able to perform Gene expression assay (relative and absolute levels), SNP genotyping/allelic discrimination, HRM analysis and probe-based assays.
2. It should enable detection of at least 2 different fluorescent reporters in the same tube, upgradable to higher versions.
3. A peltier based 96 well thermal cycler with temperature range of 0 °C to 100 °C with accuracy of  $\pm 0.2$  °C and uniformity of  $\pm 0.4$  °C within 10 sec of arrival at 90 °C
4. System should have maximum ramping speed: 5 °C per sec with an average ramp rate of 3.3deg C/Sec.
5. Should be compatible to standard 96 well plates and 8 tube strips with clear caps. Should have a mass reduced honeycomb block to offer better average ramp rate and 10 sec of settling time.
6. All assays should run using universal thermal cycling conditions to eliminate optimization of PCR conditions
7. The machine should not require calibrations.
8. The excitation by Tungsten Halogen/Xenon source and detection by cooled CCD camera or LED based excitation.
9. There should be enough excitation and emission filters to cover majority of dyes.
10. The instrument should be pre-calibrated for at least seven dyes including the following during installation at the customer site: FAM™/SYBR® Green I, VIC®/JOETM, NED™/TAMRATM/ and ROX™. The user should be able to use any of these dyes in an experiment without needing to recalibrate the instrument. Addition of new dyes should be possible without hardware change.
11. The instrument software must be capable of detecting and analyzing a different gene, SNP or pathogen target in every well of the 96-well plate. The instrument software should not restrict the number of assays or targets that can be run on a single 96-well plate.
12. The real time PCR software should allow the user to do the analysis of all type of application like: a. Absolute quantitation b. Advanced Relative quantitation c. Multiplex-PCR allelic discrimination (SNP) d. Tm Calling (Melt curve Analysis –SYBR) e.

Endpoint Genotyping f. Qualitative Gene detection g. High Resolution Melting curve analysis (HRM) for mutation studies h. Pathogen detection and plus/minus assay.

13. Dedicated licensed full version software for primer and probe design with comprehensive assay design and development guidelines for quantitative and qualitative real-time assays should be provided to enable designing of custom oligo assays.
14. Software should be capable to import and analyze data from any real time PCR platform. Software should allow to import / export formats like Txt export, Charts: Data and image.
15. Software should be compatible with Win 7 to Win 10 with future upgradation
16. Necessary control / QC kits for installation should be supplied along with instruments
17. RT PCR software should be of multi user installation facility and allow the user to design the experiment or plate layout conveniently.
18. It should be supplied with at least two years warranty and on demand repair services as and when required.
19. Installation, testing, validation, demonstration/technical presentation should be conducted. The vendor should provide comprehensive training on the operation of the instrument, chemistry options and software. This training should be provided free of cost.
20. The following accessories must be supplied with the equipment:
  - a) Compatible on line UPS (at least 2KV).
  - b) A laptop of reputed make having following configuration: Processor-Intel Core i5 3rdgen., 8 GB RAM, 1 TB HDD, 15 inch flat screen LCD/LED monitor with a licensed Windows 10 professional OS.
  - c) Start-up consumables for conducting at least:
    - 100 cDNA synthesis reactions
    - 1000 gene expression assays
    - 100 probe-based assays
    - 100 Real time PCR plates and sealers