

**DAYALBAGH EDUCATIONAL INSTITUTE**  
**(Deemed to be University)**  
**DAYALBAGH, AGRA-282005**

**Notice Inviting Short Term Tenders**

Short Term Limited tender No: DEI/Science/Botany/RR/2019-20/TDR-30

Date: 06.03.2020

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

Sl.No	Item	Quantity
<b>1</b>	<b>High Speed Centrifuge (Specifications as per Annexure-1)</b>	<b>1</b>
<b>2</b>	<b>Deep Freezer (-80° C) (Specifications as per Annexure-2)</b>	<b>1</b>
<b>3</b>	<b>Water Purification System (Specifications as per Annexure-3)</b>	<b>1</b>

The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of **Rs.32,000/-** 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 envelop 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 16.03.2020
2. Time of Bid Opening: 11.30 am on 16.03.2020
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>. or contact Dr. Rajiv Ranjan-9639490081.

Registrar  
Dayalbagh Educational Institute  
Dayalbagh, Agra-282005

## 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. 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. Performance Security is required to be submitted by the successful bidder between 5-10% of the value of the order or contract in the form of FDR/Bank Guarantee or authorize the Institute to deduct aforesaid amount from the bills as performance security.
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 Taxes and duties, if any.
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, Taxes 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 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)** by way of demand drafts/banker's cheque/FDRs as 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. The demand drafts shall be drawn in favour of "**Dayalbagh Educational Institute, Agra**" payable at **Agra**. The bidders may seal technical and financial bids separately and put these two sealed envelopes in a bigger envelop, super-scribed with tender number and due date of submission on it. **Bids are invited under single stage bidding system (Single Stage Single Envelop System).**
21. The demand drafts (validity 45 days beyond final bid) for earnest money deposit & tender fee must be enclosed in the envelope containing the 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/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.
22. 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.
23. 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.
24. Customs Duty & Excise Duty: Please note that the Dayalbagh Educational Institute, Agra, Uttar Pradesh other than Hospital is registered with the DSIR for purpose of availing Customs Duty Exemptions in terms of Notification No.51/96-CUSTOMS dated 23.7.1996, Notfn. No.47/2017-Integrated Tax (Rate) dated 14-11-2017 and Notfn. No.45/2017-Central Tax (Rate) dated 14-11-2017, Notfn. No.45/2017-Union Territory Tax (Rate) dated 14-11-2017 & Notfn. No.9/2018- Central Tax (Rate) dated 25-01-2018, Notfn. No.9/2018-Union Territory Tax (Rate) dated 25-01-2018 as amended from time to time, for research purpose only, the bidders are, however, requested to quote accordingly for relevant supplies.

**Registrar, DEI**

## Annexure-1

### Specification of Water Purification System

Supply, installation and commissioning of single integrated Imported Ultrapure water purification system for Type 1 and type II water with following specifications. Large interactive touch screen display to visualize all essential parameters.

The Type I water should be suitable for Genomics, 2-D electrophoresis, Critical cell culture and pyrogen sensitive applications. HPLC, TOC, ICP, ICP/MS

<b>Type II water Specifications</b>		
1.	Flow rate @25°C	Minimum 10 liters or More per hour
2.	Conductivity @25°C	0.2 µS/cm
3.	TOC	<30ppb
<b>Type I water Specifications</b>		
1	Output	1.8 - 2 liter per min
2	Conductivity @25°C	0.055µS/cm
3	TOC	<5ppb
	Resistivity	18.2 M ohm-cm
4	Bacteria	<1cfu/ml
5	Endotoxin	<0.001EU/ml
6	Particle >0.2µm	<1
7	Dnase	10 µp/ml
8	RNase	0.5 pg/ml
<b>System should accept the following Feed water specifications</b>		
1	Pressure	1 -5 Bar
2	Feed water specifications	Portable tap water
3	Operating temperature	5 to 35°C
4	Pre-filtration KIT	<p>A three stage Pre-filtration kit should be included with following filters i) 5 micron (ii) 1 micron (iii) Activated carbon</p> <p>5 micron and 1 micron filter to remove the undesired sand and salt particles and Activated carbon filter to remove chlorine is input water.</p>
<b>Others</b>		
5	Tank	<p>i) System should be provided with a fully drainable storage tank of PE material for type II water with capacity not less than 30 liters or more.</p>

		ii) Tank should be provided with vent filter and CO2 trap and Submersible UV lamp.
6	<ul style="list-style-type: none"> <li>• System should have inbuilt capability for measurement and display for all important water parameters including the continuous online TOC monitoring, conductivity /resistivity, Temperature and Tank level</li> <li>• System should be capable of measuring the conductivity after every step Reverse Osmosis, deionization and ultra-purification</li> <li>• A single wavelength UV lamp should include in second stage or before ultra-filtration to reduce the TOC content in water.</li> <li>• Display should come with Alert for consumable replacement, water level etc.</li> <li>• System should have provision to store data and Communication port to transfer data</li> </ul>	
7	System should have all the important technologies including RO, Self-generating deionization (DI) , UV oxidizer, Inline UF Module with <5000 Dalton (0.05 Micron) inline sterile filter of 0.22micron. The DI should be protected conditioning Cartridge /safeguard Cartridge. Manufacturer should give minimum 1 years warranty .It should be mentioned in the Catalog and manufacturer should confirm it in their letter head.	
8	System should meet all the important standards like CLSI and ASTM	
9	The Company quoting for the tender / Enquiry should have at least 50 installations in India. User list should include with the complete details.	
10	Electrical Requirement	System should operate on 220 to 240 V,50 Hz Single phase electric supply.
11	Literature	The Company submitting the quotation should include authentic literature or catalog.
12	Warranty	One year

**Specification of Deep Freezer (-80° C)**

- Brushless DC motor for maintenance free long life
- Microprocessor controlled centrifuge with variable speed and time setting and with last run memory function
- Max capacity 4 x 100 ml (swing out & fixed rotor)
- Maximum tube capacity 32 x 10 ml (Swing out) & 30 x 15 ml (fixed rotor)
- Variable speed from Max RPM / RCF (xg)15000 RPM / 22388 g
- Timer setting 30 secs to 999 mins 59 sec & infinite mode (critical)
- Single equipment for different work protocols with appropriate choice of rotors (swing out and fixed angle)
- Imbalance detection and lid lock safety feature
- Large back-lite LCD display for easy setting & reading of multiple parameters (Speed & Time)
- Adjustable ramp & brake speeds (up to 9 speed selection)
- User programmable (user can set up to 99 Programs with 4-line programs) (critical)
- Auto rotor detection feature (critical)
- Refrigeration temperature up to -10°C (critical)
- Centrifuge should have following choice of different rotors:
  - Swing Out Rotors:
    - 16\*15 ml, 4\*50 ml, 4\*100 ml, 2 Micro Plates
  - Fixed Angle rotors:
    - 24\*2 ml
  - System should meet all the important standards like ISO /CE

**Specification of Deep Freezer (-80° C)**

-86 ULT Freezers are specially designed for long term storage of various biological products, including viruses, germs, erythrocytes, leucocytes and cutis. They are ideal for blood banks, hospitals, epidemic prevention services, and research institutes, laboratories in electronic & chemical plants, biological institutes and fisheries.

Optimized double cascade refrigeration technology for ultra-low temperature application

Environment friendly CH refrigerant helps save up to 50% on energy costs

Advanced Vacuum Insulation Panel (VIP) technology enhances sealing and minimizes heat conduction rate resulting in 30% more storage volume w Rapid cooling even at 38°C ambient temperature

LED display for easy viewing of cabinet temperature, set temperature, ambient temperature, input voltage and early warning for malfunctions

Derived temperature and alarm record within a month through USB port w Special noise reduction design with advanced shock absorbers in key component w Easy to remove and clean dust filter

System should meet all the important standards like ISO /CE

Capacity should be 340 lit or more.

**Safety Control System:**

Malfunction alarms for cabinet temperature, voltage or ambient temperature exceeding the range and also for power failure or sensor error

Audio visual alarm with buzzer & flashing light w Optional remote alarm through USB port or SMS alarm Password protected lockable keyboard