

**DAYALBAGH EDUCATIONAL INSTITUTE**  
**DAYALBAGH, AGRA-282005**  
**Notice Inviting Tenders**

Limited tender No: DEI/Engg./Mech./AY/2020-21/TDR-15

Date: 04-02-2021

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

| S. No. | Items   | Specifications    | Quantity |
|--------|---|-------------------|----------|
| 1.     | (i) Ground Water Flow<br>(CE Certified manufacturer)<br>(ii) Cake and Depth Filtration<br>(CE Certified manufacturer) | As per Annexure-I | 01       |

The tenderer shall be required to submit the **Earnest Money Deposit (EMD)** for an amount of **Rs. 20,000/-** (Twenty Thousand Only) by way of demand drafts/banker's cheque/FDRs (refundable) and a non-refundable **Tender Fee** for an amount of **Rs. 200/- (Rupees Two Hundred only)** by NEFT/RTGS. The demand drafts (validity 45 days beyond final bid) for earnest money deposit & UTR number of tender fee remitted through NEFT/RTGS 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 (NSIC) shall be exempted from payment of EMD. 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 honoured or if contact is not signed with the Institute, after the award is made to the Tenderer)

1. Time and last date of submission of the Bid: 11.45 am on 24.02.2021
2. Time of Bid Opening: 12.30 pm on 24.02.2021
3. Venue of Bid Opening: Committee Room, CAO, Dayalbagh Educational Institute.

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. Interested bidders who want to come personally or send their representative should bring a medical fitness certificate from Saran Ashram Hospital Dayalbagh. Without certificate nobody will allow to join opening tender meeting. 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 whatsoever. For more details please visit the Institute's website <http://www.dei.ac.in>. or contact Dr. Ashok Yadav-7017595174.

**Registrar**  
**Dayalbagh Educational Institute**

## 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 Rs. 20,000/- (Twenty Thousand Only) as **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 NEFT/RTGS in Savings Bank Account No.000300009201 in the name of DAYALBAGH EDUCATIONAL INSTITUTE at Radhasoami Urban Cooperative Bank Ltd. at Dayalbagh, IFSC Code- IBKL0080RUC should not be dated prior to the date of advertisement. 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) & UTR number of tender fee remitted through NEFT/RTGS 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 & UTR number of tender fee remitted through NEFT/RTGS 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**

### Ground Water Flow

This Ground water flow system should be able meet the following detailed specifications/ requirements to carryout hydrological investigations.

1. The manufacturer should be a CE certified manufacturer having CE certification for minimum 10 years and manufacturing experience of minimum 5 years of same equipment
2. It should be able to perform at least following investigations.  
Three-dimensional investigations; demonstration of lowering of groundwater; investigation of excavation pits
3. Features
  - investigation of groundwater flows
  - demonstration of lowering of groundwater
  - investigation of excavation pits
4. Learning objectives/experiments
  - determining the groundwater level
  - lowering of groundwater level via two wells
  - groundwater flow on excavation pits
  - groundwater studies under concentric load on the substrate
5. Specification
  - [1] investigation of groundwater flows
  - [2] stainless steel tank as experimental section to be filled with coarse sand
  - [3] water supply via 2 open-seam tubes
  - [4] water drain via 2 wells with open-seam tubes in the experimental section
  - [5] water feeds and discharges can be adjusted separately via valves
  - [6] 19 measuring connections with filters to detect the groundwater levels, arranged orthogonal to the tank bottom
  - [7] 2 different models for excavation pits
  - [8] 1 model for structure with waterproof bottom
  - [9] groundwater levels displayed on the 19 tube manometers

#### Technical data

##### Tank

- material: stainless steel
- content, LxWxH: 1000x615x350mm
- 19 measuring connections on the bottom of the tank

##### Plastic models

- excavation pit, LxWxH: 610x464x150mm
- excavation pit, LxWxH: 256x464x150mm
- structure with waterproof bottom
- $\emptyset$ xH: 180x150mm, inner tube  $\emptyset$ xH: 40x330mm

##### Measuring ranges

- pressure: 19x 0...300mmWC
- LxWxH: 1340x900x1000mm
- Weight: approx. 125kg

## **Cake and Depth Filtration**

This Cake and Depth Filtration system should be able meet the following detailed specifications/ requirements to carryout hydrological investigations.

1. The manufacturer should be a CE certified manufacturer having CE certification for minimum 10 years and manufacturing experience of minimum 5 years of same equipment
2. It should be able to perform the following investigations.  
Fundamentals of filtration: Darcy's equation
3. Features
  - cake and depth filtration with different suspensions and filter medium layers
4. Learning objectives/experiments
  - fundamentals of filtration: Darcy's equation
  - depth filtration with different bulk solids and suspensions
  - cake filtration with different suspensions
  - identification of characteristic filtration values
5. Specification
  - [1] fundamentals of cake and depth filtration
  - [2] filter element with sintered filter medium on its bottom to capture the particles
  - [3] pressure loss measurement with twin tube manometers
  - [4] height-adjustable filler hopper made of DURAN glass
  - [5] flow meter with needle valve for adjustment

### **Technical data**

Filter element

- filter chamber height: 85mm
- $\varnothing$  inner: approx. 37mm
- cross-sectional area: approx. 11cm<sup>2</sup>
- tube material: DURAN glass

Filter medium, sintered filter SIKA 100

- pore size: 100 $\mu$ m
- thickness: 2mm
- material: sintered metal

### **Measuring ranges**

- flow rate: 40...360mL/min
- pressure: 2x 0...500mmWC
- temperature: -10...100°C
- measuring cup
  - 1x 1000mL, graduation: 10mL
  - 1x 100mL, graduation: 2mL

LxWxH: 450x410x1040mm

Weight: approx. 13kg

## **Other terms and conditions**

1. **Prices should be F.O.R.**
2. **Warranty: Onsite warranty for 3 years is mandatory.**