



UNIVERSITY OF DELHI
DEPARTMENT OF ENVIRONMENTAL STUDIES

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NOTICE INVITING TENDER

Sealed Tender in two bid format is invited from the original equipment manufacturers (OEMs)/authorized dealers/distributors for supply of “**Refrigerated Table Top Centrifuge**” to the University of Delhi. The bidder should preferably have service centers/ service engineers at Delhi / NCR for local and efficient after sales technical support.

The Tender document complete in all respect should reach Head, Department of Environmental Studies, University of Delhi, Delhi – 110007 within 21 days from the first appearance of the notice on University of Delhi website (02 March 2016) or before Tuesday, 22 March 2016, up to 05.00pm

Note: Technical bid should be provided in tabular form where the first column will have specification requested in the tender and second column will have information on specification offered by the bidder. Besides this, the specification offered should also be supported by printed literature of parent company and giving information of the relevant web site.

Financial bid must contain item-wise price for all items mentioned in technical quotation, terms and conditions, mode of payment and delivery schedule. Financial bid may also include cutworm duty and clearance charges. It should be sealed in an envelope with clear marking “**Financial Bid**”.

Amendments/Corrigendum, if any, in tender document shall only appear on Website of the University, www.du.ac.in. Therefore, prospective bidders are required to periodically visit the website of the University for this purpose.

Clarification/queries, if any, are required to be addressed to Head, Department of Environmental Studies.

Earnest money deposit (EMD) of 2.5% of the cost of the equipment should be deposited in the form of Demand Draft/Bankers Cheque/Fixed Deposit Receipt/Bank Guarantee in favour of Registrar, University of Delhi, Delhi, India.

Note: *The University Reserves the right to withdraw tender notification at any time.*

HEAD, Department of Environmental Studies.

Introduction

- 1.1 Sealed tenders are invited in Two Cover Format (Technical Bid & Financial Bid) from Original Equipment Manufacturers (OEMs)/authorized dealers/distributors preferably located in Delhi & Delhi NCR for supply of "**Refrigerated Table Top Centrifuge**" to the University of Delhi.

Prospective bidders are requested to consider their Corporate Social Responsibility (CSR) for the Educational Institute.

2.0 Scope

- 2.1 Supply of **One (1) "Refrigerated Table Top Centrifuge"** to the University of Delhi as per specification mentioned under Annexure 'A'.
- 2.2 The supplier may mention the period of warranty in the quotation including the cost of comprehensive warranty for a period of two more year as an option. The period of warranty will start only after successful installation and satisfactory operation.

3.0 Sealing and Marking of Bids

- 3.1 The bidder shall place three separate envelopes called inner envelopes and marked as "Technical Bid", "Financial Bid" and "Earnest Money Deposit" and will place & seal them in one outer envelope.
- 3.2 The sealed inner and outer envelopes containing the earnest money deposit (EMD) , technical bid and financial bid shall be addressed to Head, Department of Environmental Studies, University of Delhi, Delhi -110007 and should be super scribed as "Bid for supply of **Refrigerated Table Top Centrifuge** to the University of Delhi".
- 3.3 The sealed tender shall bear the name and firm's address on the cover of the envelope for proper identification.
- 3.4 Each pages of the Technical Bid & Financial Bid must be signed by the authorized signatory of the bidder with seal.

4.0 Eligibility Criteria

- 4.1 The bidder should be Original Equipment Manufacturers/authorized dealer/distributor.
- 4.2 The bidder should be registered with the revenue authorities (copies of PAN Card, service tax registration, VAT registration, sales tax registration etc. should be enclosed).
- 4.3 The bidder would be required to submit the Audited balance sheet of last three (03) years.

5.0 General Conditions

- 5.1 The bid document should be legibly written. Any alteration/overwriting should be initialed.
- 5.2 The University reserves the right to physically inspect the “**Refrigerated Table Top Centrifuge**” at the time of technical evaluation.
- 5.3 This tender enquiry is being issued with no financial commitment and purchaser reserves the right to change or vary any part thereof at any stage. Purchaser also reserves the right to withdraw any part thereof at any stage. Purchaser also reserves the right to withdraw the tender enquiry should it be so necessary at any stage.
- 5.4 Taxes, as may be applicable, shall be deducted at source, at the rate, that will be in force from time to time.
- 5.5 The rates quoted by the bidder shall remain valid for a period of 180 days from the last date of submission of tender document and there will be no change in the price structure during the currency of contract.

6.0 Liquidated Damages

- 6.1 The successful bidder would be required to ensure the supply within the stipulated period specified in the tender document, failing which liquidated damages @ 0.5% per week subject to a maximum of 5% of the undelivered stores will be recovered in case of delay in delivery beyond the accepted delivery period.

7.0 Amendment to tender document

- 7.1 Before the deadline for submission of tender, the University may modify the tender document by issuing corrigendum on the website of the University.

7.2 Any corrigendum thus issued shall be a part of the tender document and shall be uploaded only on website of the University, www.du.ac.in

8.0 Payment Terms

8.1 Payment will be made to the successful bidder only after completion of contract.

8.2 No advance payment will be made under any circumstances.

Technical specification of Refrigerated Table Top Centrifuge

1. **General specifications**

- Maximum Capacity : 1.6 Liters
- Min Speed: 15000 RPM
- Min RCF : 25000 xg
- Temperature range: -10 C – 40 C
- Capability to run rotor 6x100 capacity (min RPM 13000; RCF of 18000)
- Centrifugation chamber: Corrosion resistant; high thermal conductivity; 304 SS grade

2. **Rotors**

- (a) Fixed Angle Rotor:
8x50 ml capacity and Min RPM of 14,000 and RCF of 24,000. Adaptors for oak ridge 50 ml, 30 ml, 15 ml, shall be supplied along with the rotor.
- (b) Fixed Angle Rotor:
30x2 ml capacity with a Min RPM of 14,000 and Min RCF 21,000xg;
- (c) Microplate Rotor with biocontainment lid:
6 Micro-well plates and 2 Deep Well plates with lids; Min RPM :4,000 and RCF:2,000.

3. **Display and operation**

- (a) Quick and easy change of rotors: install and remove rotor without tool in less than 5 seconds with just a push of a button for for different applications
- (b) Temperature: Both air/chamber and sample temperature
- (c) Dual Timer mode- At Start and at Speed
- (d) Set parameters together with actual values and parameters must be readable at a distance of at least 5 meters.

4. **Operation**

- (a) The centrifuge must have an option for automatic lid opening at the end of the run.
- (b) Password protection for the programs and for lid opening
- (c) Minimum of 5 "direct recall" program keys, and capability for up to 99 programs

5. **Certification**

- CE, UL Certified and IVD Compliant, ISO 13485 international standard.

Optional accessory

Fixed Angle Rotor:

6x100 ml capacity and Min RPM of 13,000 and RCF of 18,000.