



**CENTRAL INSTRUMENTATION FACILITY,
UNIVERSITY OF DELHI, SOUTH CAMPUS**
Benito Juarez Road, New Delhi 110021

Tender Ref. No.: UDSC/CIF/CDS/2025-26

Dated: April 28, 2025

ONLINE TENDER DOCUMENT

Circular Dichroism Spectrometer (CDs)

1. TERMS AND CONDITIONS OF THE TENDER

(a) Two-Bid System Tender

Online Tenders shall be submitted in **2-PARTS: PART-I TECHNICAL BID**, duly signed by the bidder and **PART-II COMMERCIAL BID**,

PART-I OF THE TENDER (TECHNICAL BID) must contain the following:

- Tender Document, each page duly signed by the bidder as token of acceptance.
- All necessary information as are considered essential for full and correct evaluation of offers.
- Company profile and detailed list of installation of the offered/quoted system in Indian Institutions.
- Write up and documents supporting the eligibility criteria
- Technical compliance sheet

PART-II OF THE TENDER (COMMERCIAL BID) must contain the following:

- The duly completed Commercial Bid in form of BOQ, (Part II), to be uploaded.
- **Bidder must submit to undermentioned address the Earnest Money Deposit (EMD) of ₹ 1,90,000/- (Rupees one lakhs ninety thousand only) in the form of an Account payee Demand Draft in favour of “Chief Executive Officer, IOE, DU, payable at Delhi” valid for at least three months from the date of opening of tender failing which the quotation will be rejected.**

Professor-in-charge
CIF, Biotech Building 3rd Floor
University of Delhi South Campus

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- (b) All documentation is required to be in English. Correction / overwriting, if unavoidable, should be signed separately. Tender papers must be signed on all the pages by the tenderer.
- (c) Ambiguity must be avoided in filling tenders. All entries in the tender form must be type written neatly. The quotation must be entered both in figures and in words. All pages of the bid should be numbered with a running serial number and signed with office stamp by the tenderer.
- (d) University of Delhi reserves the right to reject any or all the tenders, wholly or partly without assigning any reason thereof and shall not be bound to accept the lowest tender.
- (e) The University of Delhi will not be responsible for non-receipt of tender quotations within the specified date and time due to any reasons including postal delay or holidays.
- (f) Tender once submitted shall not be returned to the tenderer in future.
- (g) The Schedule to tender, Instruction to tenderers and General Terms and Conditions of the Contract should also be returned along with the offer.
- (h) Each page of the tender form, the Instructions to the tenderers must be stamped and signed by the person authorized by the tenderer. Full address of the tenderer must be mentioned on the tender forms, failing which the tender may not be considered.
- (i) In case a successful tenderer (on whom purchase order would be placed) fails to comply the order within specified time schedule and terms and condition, the University of Delhi will forfeit the earnest money.
- (j) The earnest money for the successful tenderer shall be returned after successful initiation of the job.
- (k) Unsuccessful tenderer will be refunded earnest money without interest, on application to University of Delhi within 3 months from the tender awarding date.

2. ELIGIBILITY CRITERIA

- (a) A participating vendor should have proven record of marketing and maintenance of Live cell imaging system (on confocal platform).

3. PAYMENT TERMS

- (a) Payment will be made to the agency after satisfactory installation of the system, on-site demonstration of all the offered technical specifications and necessary training.
- (b) NO ADVANCE PAYMENTS WILL BE MADE UNDER ANY CIRCUMSTANCES.
- (c) The rates quoted shall be inclusive of all such taxes such as Goods & Service Tax, VAT, etc., i.e. *the rates quoted shall be all inclusive*. All the duties/ taxes with respect to the work should be borne and paid by the Tenderer himself. The Office shall not be responsible for any payment/ penalty on this account at any stage. The company shall indemnify the University from all.

4. SELECTION PROCESS

- (a) A committee specially constituted for the purpose would evaluate the eligibility of tenderers as supported by documentation.
- (b) The Technical evaluation of the bids will be conducted by the Committee at a date, time and venue to be intimated subsequently. The bidders must make a presentation on their bids highlighting their experience and strategy to fulfill scope of the work as given in Annexure I. Evaluation will be based on the presentation and submitted documents. The recommendations of the Technical Committee will be final, which may recommend opening of the price bid based on technical bid evaluation.
- (c) The price bid of only the qualified tenderers will be opened after technical evaluation.

5. VALIDITY OF OFFER

Tenders submitted by tenderers shall remain valid for a minimum period of 3 (three) months from the date of opening of tenders. The tenderers shall not be entitled during the said period of three months, without consent in writing from University of Delhi, to revoke or cancel their tenders or to change the tenders given or any term thereof. In case of tenderers revoking or cancelling their tenders or varying any terms in regard thereof without consent of University of Delhi in writing, the earnest money deposited by them with their offers, will be forfeited.

6. IMPORTANT DOCUMENTS TO BE SUBMITTED

In addition to the filled in tender form, tenderers are to provide the following enclosures:

- (a) Documents in support of Company Profile.
- (b) Documents for establishing eligibility.

7. INCOME TAX CLEARANCE CERTIFICATE

Copy of the latest IT Clearance Certificate in the proforma prescribed by the Govt. Of India should accompany the tender. The IT Clearance Certificate should be in the name of the firm quoting for the work.

8. SALES TAX CLEARANCE CERTIFICATE

Tenderer must submit copies of Sales Tax registration and clearance certificates.

9. RESOLUTION OF DISPUTES

University of Delhi, and the vendor shall make every effort to resolve amicably, by direct informal negotiations, any disagreement or dispute arising between them under or in connection with the services provided. If after thirty days from the commencement of such informal negotiations, University of Delhi, and the Vendor have been unable to resolve amicably a contract dispute, either party may require that the dispute be referred for resolution by formal arbitration. Chief Executive Officer, IOE, DU, Delhi, shall appoint a sole Arbitrator of the dispute who will not be related to the contract and whose decision shall be final and binding.

10. JURISDICTION

All questions, disputes and / or differences arising under and out of, or in connection with the contract if concluded, shall be referred to the relevant Courts of Delhi

Annexure – I

Technical specifications for Circular Dichroism Spectrometer (CDs)

1.	Light Source	150W to 450W Xenon lamp
2.	Measurement Wavelength Range	165-950nm as standard or Better
3.	Wavelength Accuracy	±0.1nm or better (165 to 250nm)
4.	Wavelength Repeatability	±0.05nm or better (at 165 to 500nm)
5.	Wavelength Resolution	0.025 nm or better
6.	Spectral Band Width	0.01 to 16nm or better (Variable)
7.	Slit Width	Variable from 1 to 3000 µm or better
8.	Stray Light	Less than 0.0003% or better(at 200nm)
9.	Baseline Stability	+/-0.02m deg / hr or better
10.	Scanning Modes	Should have 3 modes (auto-mode, continuous and step-mode.
11.	Scanning Speed	variable from 1nm to 9,000nm/min
12.	Data Integration Time	variable from 0.1ms to 25s or better
13.	CD Full Scale	variable from ±10m deg to ±8000m deg. Or better
14.	CD Resolution	Should have 0.00001m deg or better
15.	Detector	Head-on photomultiplier tube (PMT)
16.	Modulator should be	Piezo elastic modulator
17.	RMS Noise should be	0.004mdeg at 185nm, 0.007mdeg at 200nm to 500nm
18.	UV Measurement	Photometric range : 0 to 5 Abs
19.	Photometric accuracy	Should have ± 0.01 Abs or better

20.	Shutter	Should be Computer controlled
21.	Data acquisition mode	Should have simultaneous four channels
22.	Validation system should have	In built Validation system to check the performance of the equipment
23.	Alarm	It should have Alarm facility: for light source over temperature, water leak in sample compartment, nitrogen purge gas shortage etc.
24.	Cuvette	Rectangular 1mm,2mm,10mm path length with Spacers (1no each).
25.	Nitrogen flow meter	Should have Nitrogen flow meter.
26.	Data processing unit	Branded PC : i3, 4 GB RAM, 1TB HDD, Monitor, Win-10 OS.
27.	Software : features should have	<ul style="list-style-type: none"> - CD Spectrum Measurement. - Multi-wavelength variable temperature programming. -Time Course Measurement - Protein Secondary Structure Estimation Software - Curve-fitting analysis. - System validation program. - Publication quality printing with customizable templates.
28.	Cell holder should have	Peltier Attachment Temp Range: -30 to 130⁰C Variable speed magnetic stirring facility. Nitrogen purging inlet for sample purging as standard
29.	Water circulator	Water circulator for Peltier (manufactured by the supplier).
30.	UPS	Online ups- 2kva with 30min backup
31.	N2-Cylinder & Regulator	Should be included

General Instructions

- Premium branded instruments should be provided to ensure the high quality and reliability of experimental outcomes.
- A list of at least 10 academic user installations of the quoted and similar equipment within the country should be enclosed. Users contact details should be provided with the list.

- The bidder must quote all items together. Partial quotes will not be accepted. For each item, the make, model and technical specifications, and quantity must be mentioned clearly.
- Bidder should provide a technical brochure and clearly mention the manufacturer's website and brochure URL to verify the technical details/specifications of the quoted system/ models. Instantly making/designing and providing and/or uploading of a Technical Brochure to the bidder's/ manufacturer's website by copying the above-specified technical details will automatically disqualify the bidder(s) without any further correspondence.
- The vender MUST provide a compliance statement vis-à-vis specifications in a "tabular form" clearly stating the compliance and giving justification, if any, supported by technical literature with clear reference to page number, paragraph, or lines. This statement must be signed, with the company seal, by the tendered for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in the disqualification of the Tender. Please note that the self-prepared compliance statement will be verified with the manufacturer's technical brochure and the website.
- The vendor must certify that relevant spare parts will be available for at least 10 years in the future. The vendor must provide a certificate saying that prompt after-sales service such as regular maintenance, troubleshooting, and fixing will be carried out by company-trained engineers
- **Installation and training:** Vendor must take care of on-site installation, demonstration, and training by a well-trained engineer. Required training for the smooth operation of the instrument should be provided free of charge during and after installation.
- The supplier should have a service centre in Delhi/NCR for quick service within 48 to 72 hours
- The CIF-UDSC purchase committee reserves the right to request the participating vendor for demonstration of all the quoted technical specifications/ capabilities of the offered model, preferably at CIF South Campus, New Delhi-110021, or within the Delhi state. The CIF-UDSC purchase committee reserves the right to disqualify a participating vendor if they fail to demonstrate the quoted technical specification and/or capability of the offered equipment/ model within 10 days of request.

Important information

- The quotation should be addressed to the "Chief Executive Officer, Institute of Eminence, University of Delhi, Delhi-110 007". The quote should be submitted with all terms and conditions and necessary documents latest by the end of the tender date.
- Quotations have to be submitted in a two-bid system. The first part, the technical bid, should consist of all technical details and supporting documents with terms and conditions. The compliance sheet must be filled out by the vendor.
- The second part, the financial bid, should contain item-wise pricing of items mentioned in the technical bid. Both the quotation documents/ bids are to be submitted through GeM/ CPP

portal of the Government of India only (e-procurement). Hard copies of the bid will not be accepted.

- The successful bidder must provide a performance bank guarantee (PBG) as per Rule 171 of the GFR 2017, totaling 3% of the value of the main machine quoted, with a validity of 60 days upon completion of the warranty period. The PBG should be in favour of “Chief Executive Officer, Institute of Eminence, University of Delhi, Delhi-110007”. PBG must be provided at the time of installation to avoid delay in payment release.
- The quote should be valid for at least 90 days from the last date of submission of the bid