



University of Calcutta

87/1, College Street, Kolkata-700 073

E-Tender No. ET/HSc/HPTLC/03/21-22

Dates: - 07.12.2021

THE University of Calcutta invites e-tenders for the following work from experienced & bonafied firms/ organizations having credential of similar nature of work in any Government/ Semi-Govt./State Aided University/Autonomous Govt. aided Institution.

Name of work: Supplying, installation and commissioning of **HPTLC instrument with TLC Scan for qualitative, quantitative Identification, fingerprinting and micropreparative analysis, built in 21 CFR part 11 with USP, and EuP. Compliance** during the year 2021-22.

Earnest Money (EMD): Rs 25,000 /-(Twenty-Five Thousand) only (See the page No. 5)

Name of the Item	Bid Validity Days	Time of completion of work	Earnest Money (EMD) Rs.	Name of the Concerned Department
HPTLC instrument with TLC Scan for qualitative, quantitative Identification, fingerprinting and micropreparative analysis, built in 21 CFR part 11 with USP, and EuP. Compliance during the year 2021-22.	120 days	120 days	25,000 /- (To be deposited Online)	Department of Home Science, Viharilal college campus University of Calcutta , 20B Judges Court Road, Alipore, Kolkata- 700027.

- **Time Extension:** Time is the essence of the contract, generally no time extension will be allowed. But, in case of Force Majeure, the extension of time may be considered on the basis of actual situation and subject to consideration of the Tender Inviting Authority.
- **Penalty Charges:** Penalty charges will be imposed @ 0.1 % per week on the tendered amount subject to Maximum @ 10% of the tendered amount, if the work will not be completed within stipulated time period of the tender.

- **No extra payment to be paid beyond the tendered amount.**
- The Tender Inviting Authority reserves the right to accept or reject any tender without assuring any reasons.

Warranty & AMC For the System:

- 3 years standard on-site warranty
- 2 years AMC after completion of 3 years warranty
- **The intending bidder must quote for the items of work in BOQ as per the rule of the Item wise Tender on the basis of their relevant Trade license and credentials for similar nature of works @ 50% of the Tendered value (At least) within last three years in any State University/Govt./Semi-Govt./Autonomous Institutions**

Bid Opening Place: - University of Calcutta at 87/1 College Street, Darbhanga Building, Ground Floor Kolkata-700073.

Technical Specifications

Specification for HPTLC instrument with TLC Scan for qualitative,quantitativeIdentification, fingerprinting and micropreparative analysis , built in 21 CFR part 11 with USP, and EuP. compliance

1. Automatic Sample application device:

Sample application with spray on technique with software orstandalone operation for qualitative, quantitative and preparative work with syringe size 25ul, 100 ul and 500 ul. Handmade plate (up to 5 mm thickness) to all types of pre-coated plates can be used. Band Length 1mm-190 mm. Fixed operating methods No. 25, Memory to saved 25 methods with default factory settings are provided these methods can be overwritten as per requirements. Automatically CALCULATES the No of Bands that can be applied with given Plate size, Start distance, Space & Band length. Facility to Superimpose Selected tracks. Syringes 25ul& 100ulshould be provided. Optional : 500ul

2. Chromatogram Development Tank

Sizes available for 10cm x10cm,20cm x10cm plate,
Low solvent consumption. Solvent vapour equilibration is reproducible, Very Less solvent is sufficient for Development very convenient to use with lid.

3. Automatic TLC sprayer

Sprayer for TLC reagents, Easy to Use, Easy to clean, Sprayer pressure 4.4 bar, Uniform distribution, low reagent consumption

1. Photo documentation with UV cabinet with Automatic data evaluation software (Quantitative, Qualitative Identification, & fingerprinting)

Total darkroom and 3 Lamp Sources are essential. UV 254 nm, 366 nm and Visible light source. Flicker less Illumination with timer switch and r Timer; Micro controller based Provision to select timing either in second, minutes, and hours. Range 1 Sec to 999 hours, start/stop key and set key with 20 megapixel Digital Camera ,voltage 230VAC 50Hz +/-10%.

TLC / HPTLC Scan for quantitative analysis of TLC plate of both spots and Band wise application in UV, Visible and florescence . Easy to operate, spot cloning facility, Comparison with different plate images with different graphs like analog, bar graph etc, group images for statistical reliance, in built 21 CFR part 11

4. Automatic data evaluation software(Quantitative, Qualitative Identification, & fingerprinting)

TLC / HPTLC Scan for quantitative analysis of TLC plate of both spots and Band wise application in UV, Visible and florescence . Easy to operate, spot cloning facility, Comparison with different plate images with different graphs like analog, bar graph etc, group images for statistical reliance, in built 21 CFR part 11.

5. Supplier must have good knowledge on TLC/ HPTLC instrument and method to help method development and operation whenever require. Installation and training should be free of cost at our laboratory.

6. INSTALLATION AND TRAININGS:

Pre- installation requirement like, Computer, And N2 gas cylinder and regulator.

Training and demonstration by qualified and experienced application specialists at the time of installation and multiple support every year on service and application support within one year warranty period with free of charge. Continuous help on method development and standardization by qualified and experienced application specialists on HPTLC.

Important Dates:

Sl. No.	Items	Publishing Date (s)
1	Date of uploading of N.I.T. & Tender documents (online) from this end	07/12/2021; 06:00 pm
2	Starting of Documents download (online)	07/12/2021; 06:00 pm
3	Bid Submission starting (on line)	07/12/2021; 06:00 pm
4	Bid submission closing date (online)	20/12/2021; 02:00 pm
5	Bid opening date for Technical Proposal (online)	22/12/2021; 02:00 pm
6	Date of uploading list for Technically qualified Bidder (on line)	To be notified later on
7	Date and Place for opening of Financial Proposal (online)	To be notified later on
8	Date of uploading of list of bidders along with the approved rate	To be notified later on

INSTRUCTIONS TO BIDDERS

Instructions / Guidelines for electronic submission of tenders have been annexed for assisting the contractors to participate in e- tendering.

- I. **Registration of Bidder:** - Any bidder willing to take part in the process of e -tender will have to be enrolled & registered with the Government e - Procurement system through logging on to <https://wbtenders.gov.in>. The bidder is to click on the link for e - Tendering site as given on the web portal.
- II. **Digital Signature Certificate (DSC):** - Each bidder is required to obtain a class - II or class - III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider.
- III. **Collection of Tender documents:** - The bidder can search & download NIT & Tender documents electronically from computer once he logs on to the website mentioned Clause 1 using the Digital Signature Certificate. This is the only mode of collection of Tender documents.

IV. Cost of Earnest Money (EMD)

Name of the Item	Earnest Money (EMD) Quoted INR	Transaction No. & Date	Bank Name
HPTLC instrument with TLC Scan for qualitative, quantitative Identification, fingerprinting and micropreparative analysis, built in 21 CFR part 11 with USP, and EuP. Compliance during the year 2021-22.	25,000 /- (To be deposited Online)		

Earnest Money (EMD) :- Intending bidders are requested to deposit Rs. 25,000/- (to be deposited online by each bidder) only to be deposited by the bidder concerned electronically: online – through his net banking enabled bank account, maintained at any bank or: offline – through any bank generating NEFT/RTGS Challan from the e-tendering portal. Intending bidder will get the beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e-Proc Ref No. Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site.

Bidders are also advised to submit EMD of their bid, at least 3 working days before the closing date for bid submission as it requires considerable time for processing of Payment for EMD.

For getting exemption of EMD: - Bidders are requested to upload the relevant NSIC / MSME Registered Certificate against each item work for getting exemption of EMD, failing which their Tender will be rejected. For that they need to select the EMD page as Yes and provide the exemption type as fixed and put the actual EMD amount in Rupees and upload the exemption document.

N.B.: *During evaluation, the bidders may be invited and clarification/ information or additional documents or original hard copy of any of the documents already submitted may be sought from them & if these are not produced within the stipulated time frame, their bid will be liable to rejection.*

Rejection of Bid:

Tender Committee reserves the right to accept or reject any Bid and to cancel the Bidding processes & reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Tender Committee's action.

I. Submission of Tenders:-

- a. **General process of submission:-** Tenders are to be submitted through online to the website <https://wbtenders.gov.in> in two folders at a time for each work, one is Technical bid and other is Financial Bid before the prescribed date and time using the Digital Signature Certificates.
- b. **Technical Bid:-** Technical Bid contain scanned copies of the followings further in two cover (folder).
- c. **Online bid submission process (Bidder/Contractor)**
in <https://wbtenders.gov.in> portal, download the pdf file.

<https://wbtenders.gov.in/nicgep/appjsessionid=429048563B1B2489B108B440D90ED8CB.wbgeps1?page=BiddersManualKit&service=page>

II. Statutory Cover Containing

- i) NIT and Corrigendum if any (Download the NIT and upload the same by digitally sign).

VII. NON-STATUTORY/MY DOCUMENTS containing the following documents:

Sl.No.	Category	Sub Category	Sub-Category Description
A.	Certificates	Certificates	1. PAN Card
			2. Professional Tax Registration Certificate
			3. GST Registration Certificate
			4. Valid Trade License
			5. ISO Certificate
			6. <i>NSIC / MSME Registered Certificate for getting Exemption of EMD.</i>
			7 For non-registered organizations under NSIC/MSME, EMD documents are to be enclosed.
			8. Certificate of sole Authorized agent for supplying foreign instrument.
B.	Credential	50% of the total amount of work in government, autonomous organization, state universities.	

Note: Failure of submission of any of the above-mentioned documents will render the tender liable to be summarily rejected for both statutory & non statutory cover.

VIII. Financial Bid: - BOQ in INR (in excel sheet)

- i) The financial bid should contain the following documents in one cover (folder) i.e. Bill of Quantities (BOQ). The contractor is to quote the rate through online in the space marked for quoting rate in the BOQ.
- ii) Only downloaded copies of the above documents are to be uploaded, virus scanned & digitally signed by the contractor.
- iii) The lowest bidder should be the sole authorized agent of the foreign instrument as per specification mentioned in BOQ and purchase order will be issued either to the Indian sole authorized agent (Lowest bidder) or in favour of the manufacturer(For foreign organization only) duly certified by the lowest bidder(sole authorized agent) and as per terms & condition of the lowest bidder.

IX. Opening & Evaluation of Tender:-

Opening of Technical Bid:

- i) Technical bid will be opened by the University of Calcutta Officials. Intending bidders may remain present if they so desire. Statutory Cover (folder) would be opened first & if found in order and correct Non Statutory Cover (folder) will be opened. If there is any deficiency in the Statutory & Non statutory documents the tender will summarily be rejected.
- ii) Decrypted (transformed in to readable formats) documents of the non statutory cover will be downloaded & handed over to the evaluation committee.
- iii) List of technically qualified bidders would be uploaded.

NB: While evaluation, the committee may invite the bidders & seek clarification/ information or additional documents or original hard copy of any of the documents already submitted & if they are not produced within the stipulated time frame, their bid will liable for rejection.

X. Opening and evaluation of Financial Bid:

Financial bid of bidders declared technically eligible by the Committee will be opened electronically from the web portal on the prescribed date and time.

XI. Penalty for suppression / distortion of facts:

Submission of false document by bidder is strictly prohibited and will be liable for rejection of the tender.

XII. Special conditions related to Payment Terms:

- 1) The rate should be inclusive of all Govt. taxes and cost of loading, un-loading, and commissioning to the University of Calcutta.
- 2) Only one currency will be given.
- 3) The lowest bidder should be the sole authorized agent of the foreign instrument as per specification mentioned in BOQ and purchase order will be issued either to the Indian sole authorized agent (Lowest bidder) or in favour of the manufacturer (For foreign organisation only) duly certified by the lowest bidder(sole authorized agent) and as per terms & condition of the lowest bidder.
- 4) The payment terms would be 100% Letter of Credit on submission of shipping documents.
- 5) The quote should be submitted up to CIP Kolkata basis. For clearing, charges will be added to the main system cost in any single currency only.
- 6) The lowest bidder should quote the rate of clearing charge in any single currency only.
- 7) 100% Payment will be made after delivery, successful installation and commissioning of the equipment.
- 8) Vendor should mention the terms & conditions of payment in the Technical Bid (NON-STATUTORY/MY DOCUMENTS).
- 9) The price quote should be broken up into basic rate, all government taxes, loading, unloading carrying etc. all complete.

