



# University of Calcutta

87/1, College Street, Kolkata-700 073

## WEBSITE E-TENDER NOTIFICATION

E-Tender No: ET/HM/FLU/01/20-21

Date: 22.01.2021

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 the Work:** Supplying, installation and commissioning of “Micro Volume Spectrophotometer with Built-in Fluorimeter” for the Department of Home Science at Alipore Viharilal College Campus, University of Calcutta “from the University BI grant or program-University of Calcutta BI 80(5) under expenditure of Instruments, Consumables and Reagents-Home Science” during the year 2020-21.

Please visit <https://wbtenders.gov.in/nicgep/app> & [https://www.caluniv.ac.in/tender/tender\\_news.html](https://www.caluniv.ac.in/tender/tender_news.html)

**Tender ID: - 2021\_CU\_318569\_1**

**Bid Submission Start Date- 22-Jan-2021 05:00 PM**

**Bid Submission End Date:- 04-Feb-2021 02:00 PM**

*Indrani Dhar*  
22/1/21

Head  
Department of Home Science  
Viharilal College Campus  
University of Calcutta



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- **Earnest Money (EMD):** Rs. 16,000/- (To be deposited Online). For exemption of EMD see details below.
- **Completion time of the work:** 120 days from the date of issuing work order.
- **Bid Validity Days:** 120 days
- **Name of the Tender Inviting Authority:** 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:**

- 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**

**Technical Specifications**

Tender Specifications for the Flurimeter

SI. No.	ITEM DESCRIPTION	QTY
1.	<ul style="list-style-type: none"><li>• The instrument should be capable of rapid quantification of nucleic acids and proteins in micro volume range and should have a built-in fluorometer.</li><li>• Microvolume detection volume should be 0.5 µl or lower and lower detection limit for dsDNA should be 0.75 ng/µl or lower and for protein should be 0.04 µg/µl or lower.</li><li>• Detection wavelength range should be 200 – 800 nm or broader</li><li>• Detection absorbance range should be 0.02 - 700 A or broader</li><li>• Absorbance wavelength accuracy should be 0.5 nm or lower and absorbance accuracy should be 2% or lower at 0.75 AU at 260 nm</li><li>• Pathlength of the instrument should be 0.02 - 0.5 mm, the pathlength should be controlled by sample compression rather than sample stretching technology for better analysis of the sample. Pathlength control by sample compression should be precision screw driven and carried out by high-resolution motor. Should be capable of automatically compensating for pathlength gaps and should not allow</li></ul>	<b>1</b>

	<p>measurements in condition of a broken column.</p> <ul style="list-style-type: none"> <li>• Should have an integrated technology for the use of defined thresholds for the robust method of purity ratio determination with separate icons for each type of nucleic acid. This would ensure samples to meet certain criteria before use allow user to know which parameter ratio is incorrect. User should be able to set such criteria. Option to not enforce limits should be there as well.</li> <li>• The fluorimeter mode should capable of highly efficient fluorescence quantification of nucleic acids and proteins. It should be highly sensitive with detection level upto 0.75 pg/μl or lower for dsDNA. It should have LED based excitation with 4 channels and a photodiode detector. Detection range should be 350-950 nm or broader.</li> <li>• There should be various modes of data export such as network drives and printers, Email, USB, Label printers</li> <li>• Network links should be through Wi-Fi and Ethernet.</li> <li>• An integrated touch screen display of size 5'' or higher and of resolution 1280 X 800 or higher running on Android OS should be present. If this screen being below the sample pedestal would be preferred to ensure ergonomics and limit the requirement of a separate computer interface.</li> <li>• The machine should be calibrated for life and should not require recalibration biannually or annually.</li> <li>• The instrument should come with a comprehensive warranty of 2 years from the date of installation.</li> </ul>	
2	<b>Warranty &amp; AMC:- for the system</b>	3 years standard on-site warranty

		+ 2 years AMC after completion of 3 years warranty
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**Earnest Money (EMD):-** Intending bidders are requested to deposit **Rs. 16,000/- (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 bid submission closing date as it requires considerable time for processing of Payment of 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.*

#### **Important Dates:**

Sl. No.	Items	Publishing Date (s)
1	Date of uploading of N.I.T. & Tender documents (online) from this end	22/01/2021 ; 05:00 pm
2	Documents downloading, Starting date (online)	22/01/2021 ; 05:00 pm
3	Bid submission, starting date (online)	22/01/2021 ; 05:00 pm
4	Bid submission, closing date (online)	04/02/2021 ; 02:00 pm
5	Bid opening date for Technical Proposal (online)	08/02/2021 ; 02:00 pm
6	Date of uploading of the list of Technically qualified Bidder (online)	To be communicated later
7	Date and Place for opening of Financial Proposal (online)	To be communicated later
8	Date of uploading of the list of bidders along with the approved rate	To be communicated later

## **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 –tendering 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/she logs on to the website mentioned in Clause 1 using the Digital Signature Certificate. This is the only mode of collection of Tender documents.

#### **IV. Cost of Earnest Money (EMD)**

Description of Items	Earnest Money (EMD) Quoted INR
<ul style="list-style-type: none"><li>• Supplying, installation and commissioning of “<u><b>Micro Volume Spectrophotometer with Built-in Fluorimeter</b></u>” for the Department of Home Science at Alipore Viharilal College Campus, University of Calcutta “from the University BI grant or program-University of Calcutta BI 80(5) under expenditure of Instruments, Consumables and Reagents-Home Science” during the year 2020-21.</li></ul>	Rs 16,000 /- (To be deposited Online)

#### **V. 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 contains scanned copies of the followings further in two covers (folder):
- NIT
  - EMD or exemption of EMD Certificate (NSIC / MSME Registered Certificate)
  - Credential
  - GST, PAN
  - P-Tax
  - Relevant trade license
  - For Exemption of EMD, relevant MSME/NSIC Registered Certificate.

- c. Online bid submission (Bidder/Contractor) process in <https://wbtenders.gov.in> portal, download the pdf file.

<https://wbtenders.gov.in/nicgep/app?component=%24DirectLink&page=BiddersManualKit&service=direct&session=T&sp=SfUVGgFbsFY0A3Fp2KziwO2%2FVowZwVnRXOfMmjoH%2Fn%2BINAT7PO%2BHMgQI5FFHZ3RkV1XPd8Y04M8ue%0ADA0V3WhnuA%3D%3D>

## VI. Statutory Cover Containing

- i) For NIT and Corrigendum if any (Download the NIT and upload the same by through digital signature).

## 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. NSIC / MSME Registered Certificate for getting Exemption of EMD.
			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.	

### **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.*

**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.**



**VII. Financial Bid:-** *BOQ in INR only (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 organisation only ) duly certified by the lowest bidder( sole authorized agent) and as per terms & condition of the lowest bidder.

**iv) The bidder should quote the rate of clearing charge in INR only.**

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

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