



University of Calcutta

87/1, College Street, Kolkata-700 073

E-TENDER WEBSITE NOTIFICATION

E-Tender No. – R/643/20

Date: 02.12.2020

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 “ Steady state Fluorescence Spectrometer (**FLURIMETER**) ” for the Department of Chemistry at Rajabazar Science College Campus, University of Calcutta from RUSA 2.0(Comp.10) grant during the year 2020-21.

Please visit <https://wbtenders.gov.in/nicgep/app> ,
&
http://www.caluniv.ac.in/tender/tender_news.html

Tender ID: - 2020_CU_307230_1

Online Bid Submission Start Date: 02-Dec-2020 05:00 PM

Online Bid Submission End Date: 22-Dec-2020 02:00 PM

Registrar and Nodal Officer of RUSA
University of Calcutta



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- **Name of the Work :** Supplying, installation and commissioning of “ Steady state Fluorescence Spectrometer (FLURIMETER) ” for the Department of Chemistry at Rajabazar Science College Campus, University of Calcutta from RUSA 2.0(Comp.10) grant during the year 2020-21.
- **Earnest Money (EMD) :** Rs. 1,60,000/- (To be deposited Online). For exemption of EMD see details.
- **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:** Registrar and Nodal Officer of RUSA, University of Calcutta , Darbhanga building, 87/1, College Street Kolkata- 700073
- **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.
- **Defect & Liability Period: 1 Year**
- **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.

- **Guarantee Period:** - 1 year (No extra payment will be made for any maintenance or up gradation of software package during the guarantee period.
- **Warrantee period:** 1(one) years comprehensive Warranty + 2nd year A.M.C free.
- **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

Sl. No.	ITEM DESCRIPTION	QTY
1.	<p>FLURIMETER:-</p> <ul style="list-style-type: none"> • Light Source: 150 W xenon arc lamp. • Excitation and Emission Monochromators: Czerny Turner design. Plane gratings for accurate focus at all wavelengths and minimum stray light. Focal Length of Excitation & Emission monochromators > 220 mm. <ul style="list-style-type: none"> • Bandpass: Excitation & Emission side: 0.3nm to 30nm continuously adjustable. • Wavelength accuracy: ±0.5 nm • Gratings for excitation & emission monochromator: 1200 g/mm blazed wavelength (excitation) : 350nm blazed wavelength (emission) : 500nm • Wavelength scan speed (preferably): 100 nm/sec • Response: (Integration time) : 1ms -200sec • Emission Detectors: Single Photon Counting PMT in Cooled Housing, Spectral Coverage 200 -870 nm. • Reference Detector and Transmission Detector must be included in the system • Sensitivity: S/N ratio 6000:1 (FSD Method) or better using Raman band of distilled water. • Spectral Coverage – Excitation- 230 to 1000 nm • Spectral Coverage – Excitation- 230 to 870 nm • Compact design with 1 USB cable. • Computer-controlled filter wheels for higher order removal • Multi-grating turrets in all mono chromators • Lid activated emission shutter to protect pmt from ambient light • Single Software should have the following capability: <ul style="list-style-type: none"> i) Steady state spectra using Single Photon Counting Method ii) Phosphorescence & TCSPC measurements. iii) Computer controlled polarizer to allow for 	4

	<p>automated anisotropy measurements.</p> <p>iv) Temperature scan fluorescence mode</p> <p>v) emission scans, excitation scans, synchronous scans, absorption scans</p> <p>vi) Measurement of absolute fluorescence quantum yields, chromaticity and colour coordinates, plate reader, exc-em maps,</p> <p>vii) Interface: USB</p>	
2	<p>Front-Face Solid Sample Holder</p> <p>Suitable for use with films, slides and powder samples.</p>	4
3	<p>Standard Filter Set</p> <p>Set of 7 color filters with cut-off wavelength of 330 nm, 395 nm, 455 nm, 495 nm, 550 nm, 590 nm, and 645 nm</p>	4
4	<p>Polarization/Anisotropy Capability (For two system only)</p> <ul style="list-style-type: none"> • Fully computer controlled excitation and emission polarizer • Spectral range: 240 nm - 870 nm <p>Glan Thomson Calcite polarizer and analyzer</p>	2
5	<p>Desktop</p> <p>Branded, Suitable and pre loaded original software</p>	4
6	<p>Imported Cuvettes/cell for solution or liquid samples</p> <ul style="list-style-type: none"> • 10 mm pass lengths <p>Nominal volume 3.5 ml</p>	8
7	<p>Warranty –for all four systems</p>	<p>1(one) years comprehensive Warranty + 2nd year A.M.C free.</p>

Earnest Money (EMD):- Intending bidders are requested to deposit Rs. 1,60,000/(Rupees One lakh sixty thousand only) - (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	02/12/2020 ; 05:00 pm
2	Documents downloading, Starting date (online)	02/12/2020 ; 05:00 pm
3	Bid submission, starting date (online)	02/12/2020 ; 05:00 pm
4	Bid submission, closing date (online)	22/12/2020 ; 02:00 pm
5	Bid opening date for Technical Proposal (online)	24/12/2020 ; 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">• Supplying, installation and commissioning of “ Steady state Fluorescence Spectrometer (FLURIMETER) ” for the Department of Chemistry at Rajabazar Science College Campus, University of Calcutta from RUSA 2.0(Comp.10) grant during the year 2020-21.	Rs. 1,60,000 /- (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%2FVowZwVnRXQfMmjoH%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 Multi currency (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 multi currency.

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.**

Handwritten signature in blue ink, followed by the date "02/12/2020".

Registrar and Nodal Officer of RUSA
University of Calcutta