



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

शिक्षा मंत्रालय, भारत सरकार द्वारा स्थापित
सैक्टर 81, नॉलेज सिटी, प. ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब 140306
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI
(Established by Ministry of Education, Govt. of India)
Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab
PAN No. - AAAAI1781K GSTIN - 03AAAAI1781K2ZS

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CPPP/Institute Website

IISERM (1645)23/24-Pur-GTE

Dated: 08th November 2023

वैश्विक ई-निविदा पूछताछ GLOBAL E-TENDER ENQUIRY

सहायक उपकरणों के साथ अल्ट्रा हाई परफॉर्मेंस लिक्विड क्रोमैटोग्राफी (यूएचपीएलसी) सिस्टम की आपूर्ति और स्थापना के लिए दो बोली प्रणाली में निदेशक, आईआईएसईआर मोहाली की ओर से ऑनलाइन निविदाएं आमंत्रित की जाती हैं। तकनीकी विनिर्देश और नीचे दिए गए विवरण के अनुसार और सीपीपीपी पर मूल निर्माता/आपूर्तिकर्ता से बीओक्यू सूची अर्थात <https://eprocure.gov.in/eprocure/app> निविदा दस्तावेज ई-प्रोक्योरमेंट पोर्टल की वेबसाइट <https://eprocure.gov.in/eprocure/app> और संस्थान की वेबसाइट www.iisermohali.ac.in से डाउनलोड किए जा सकते हैं।

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** for the **Supply and Installation of Ultra High Performance Liquid Chromatography (UHPLC) System with accessories** as per technical specification and details given below and BOQ list from the original manufacturer/supplier at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app> & Institute website www.iisermohali.ac.in.

Sd/-

सहायक कुलसचिव (क्रय तथा भंडार)
Assistant Registrar (Stores & Purchase)



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली
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वैश्विक ई-निविदा पूछताछ
GLOBAL E-TENDER ENQUIRY

Tender Ref.- IISERM(1645)23/24-Pur-GTE Dated : 08th November 2023

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	08 th November 2023	6:00pm
2.	Tender Document download start Date & Time	08 th November 2023	6:00pm
3.	Bid Submission start Date & Time	08 th November 2023	6:00pm
4.	Bid Submission End date and Time	07 th December 2023	Upto 02:30pm
5.	Tender opening Date and Time	08 th December 2023	At 3:30pm

Online tenders are invited on behalf of the Director, IISER Mohali in **TWO BID SYSTEM** for following item(s) from the original manufacturer/supplier at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app> & Institute website www.iisermohali.ac.in. Online Tender fee of Rs 590/- (Non-refundable) should be submitted by bidder in favour of IISER Mohali through Online mode in Institute Account (Canara Bank Saving Account Number 4790101001912 and IFSC Code CNRB0004790). However, scanned copy of the Tender fee/UTR copy should be uploaded on website along with technical bid. **Micro & MSME/NSIC and Firms registered and the firms registered with concerned Ministries/ Departments, the bidders are exempted from payment of Tender Fee as per GOI notifications/GFR (2017) and Ministry of Finance OM No. F.9/4/2020-PPD dated 12 November 2020.**

Bidders will also be required to execute bond/undertaking Bid Security Declaration Form attached as ANNEXURE-I for availing exemption to submit Tender Fee.

ITEM WISE DETAILS

S. No.	Description	Qty. (in units)
1.	Supply and Installation of Ultra High Performance Liquid Chromatography (UHPLC) System with accessories <u>Technical Specification:</u> As per Annexure-II.	01

A) IMPORTANT NOTES:-

- I. Relaxation for procurement through Global Tender Enquiry (GTE) of Medical Devices and IVDs in terms of Ministry of Finance, OM No. F.4/1/2023-PPD dated 03-04-2023. The above equipment is categorized in the list against Sr. No. 348.**
- II. The online updated Price BOQ is in INR format. If bidder want to quote other than INR please specify the quoted currency in the Technical Bid/Part and fill the amount in same updated BOQ.**
- III. Please bifurcate the price on shipping terms i.e. Ex-works -> FCA/FOB -> CIP/CIF in price BOQ and specify the same in technical bid without price.**
- IV. If quoted in foreign currency, kindly clearly specify the terms of delivery/country of origin/bank details with swift code/weight/size/dimension of shipment.**
- V. Restriction under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 under sub clause 3, in terms of DOE, MoF No. F.18/37/2020-PPD dated: 8th February, 2021:**
 - (i) A bidder is permitted to procure raw material, components, sub-assemblies etc. from the vendors from countries which shares a land border with India. Such vendors will not be required to be registered with the Competent Authority, as it is not regarded as "sub-contracting".
 - (ii) However, in case a bidder has proposed to supply finished goods procured directly/indirectly from the vendors from the countries sharing land border with India, such vendor will be required to be registered with the Competent Authority.
- VI. The Online bids should be submitted directly by the original manufacturer/supplier/OEM, the OEM is required to furnish certificate to this effect. If quotation is submitted/filled by any representative/ agent/dealer then they must upload a Authorization Authority certificate from the principal company/OEM.**
- VII. All MSME/NSIC/Startup Units shall be considered as per provisions/rules prescribed by Govt of India.**
- VIII. Auto-extension of last date for E-Tenders has been activated by CPP Portal which has participation 2 bids or less.**
- IX. Warranty: Minimum one year, if not specified above.**

B) SUBMISSION OF TENDER

- I. All bid/tender documents are to be uploaded online at Central Public Procurement portal i.e. <https://eprocure.gov.in/eprocure/app> only and in the designated cover/ part on the website against tender ID. Tenders/ bids shall be accepted only through online mode and no manual submission of the same shall be entertained. Also upload **Annexure I** (Bid Securing Declaration Form) if registered as **Micro & MSME/NSIC and Firms registered and the firms registered with concerned Ministries/ Departments.** Late tenders will not be accepted.**

- II. The online bids shall be opened at the office of the Assistant Registrar (S&P), IISER Mohali, on above given date and time. If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be attended on the next working day at same time and place. IISER Mohali will not be responsible for any error like missing of schedule data while downloading by the Bidder.
- III. **The bidder shall upload the tender documents/NIT duly filled in and stamped by the authorized signatory on each and every page along with all Annexures as per NIT along with checklist and Annexures. Tender not submitted/uploaded in the prescribed form and as per the tender terms and conditions shall be liable for rejection.**

Check List of Documents (signed & stamped) to be provided and uploaded by the bidder:

S. No.	Particulars of Documents	Yes/No	Page No. (As per technical bid)
1.	Tender Notice Document Copy of NIT (duly signed and stamped)		
2.	Undertaking Bid Security Declaration Form – Annexure-I (on letter head duly signed and stamped)		
3.	Technical Specification/Compliance Sheet with product catalogue/brochure etc. to be furnished in Annexure-II (as per technical requirements and specifications) with currency quoted (duly signed and stamped)		
4.	Authorization/MAF Certificate from OEM (principle)/Manufacturer certificate, if applicable (signed copy)		
5.	Tender Fee, if applicable or Exemption Certificate (NSIC/MSME Certificate) (duly signed and stamped)		
6.	Attached copy of PAN Card		
7.	Attached copy of GST		

** If checklist is not provided by the bidder along with ABOVE DOCUMENTS the bid shall be summarily rejected.*

- IV. The bidder shall upload scanned copy of the PAN Card, GST number duly signed and stamped. **Also bidders applying against ‘MSME/NSIC Certificate’ issued by appropriate Authority, should ensure that the certificate attached is relevant to the area of service/supply. For example, If the tender is for “supply & installation of Desktop” the certificate should be issued for activity/area of “Computer supply and services activities etc” otherwise bid will be REJECTED without notice.**
- V. E-procurement system ensures locking on the scheduled date and time. The system will not accept any bid after the scheduled date and time of submission of bid.

INSTRUCTIONS

1. The Online bids should be submitted directly by the original manufacturer/supplier, If quotation is submitted/filled by any representative/agent/dealer then they must upload a authority certificate from the principal company for quoting the price otherwise such quotation will be rejected.
2. The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute. Before the deadline for submission of the online bid, IISER Mohali reserves the right to modify the tender document terms and conditions. Such amendment/modification will be notified on website against said tender ID.
3. The rates offered should be FOR Chandigarh/Mohali in case of firms situated outside Chandigarh/Mohali, and free delivery at the Institute premises in case of local firms. Conditional tenders will be summarily rejected.
4. In case of Ex-godown terms the amount of packaging forwarding freight etc. should clearly be indicated by percentage or lump sum amount. Institute has policy not to make any advance payments towards any purchase, Letter of credit can be opened if required.

5. **Custom Duty, applicable as per GOI Norms.**
6. **GST, applicable as per GOI Norms.**
7. **Bidder/s quoting in currency other than Indian Rupee (INR) should explicitly mention the currency (USD, Euro, JPY, CHF or Pound-Sterling etc.) in which bid is submitted wherever applicable in Technical Bid along the tender documents. BOQ is in INR format.**
8. The delivery period should be specifically stated. Earlier delivery will be preferred.
9. **The firms are requested to provide/upload detailed description and specifications together with the detailed drawings, printed leaflets & literature of the article quoted and also should enclose Technical Compliance Sheet.** The name of the manufactures and country of manufacture should also invariably be stated. In the absence of these particulars and documents, the quotation is liable for rejection. Tenders not accompanied by detailed information as required, are liable to be rejected.
10. Validity of offer: 180 days.
11. The warranty period after satisfactory installation should be mentioned and firm should replace all manufacturing defect parts/ whole item under warranty without any extra cost including clearance, freight, taxes. Security deposit/Performance Bank Guarantee @ 5% of the value of supply order, in terms of *Ministry of Finance, DoE, GOI, OM. No. F.9/42020-PPD dated 12-11-2020, extension of vide circular no. F.9/4/2020-PPD dated: 30th December 2021 and No. F.1/2/2023-PPD Dated: 03.04.2023* as per norms may be sought from the firms.
12. The right to reject all or any of the quotation and to split up the requirements for itemized L-1 or relax any or all the above conditions without assigning any reason is reserved by the IISER Mohali. For any corrigendum and addendum please be checked the website <https://eprocure.gov.in/eprocure/app> and <http://www.iisermohali.ac.in>
13. If any information furnished by the bidder is, at any stage found to be incorrect, false or fabricated, the Institute/purchaser shall have the absolute right to forfeit E.M.D. and security deposits, in addition to cancellation of contract, forfeiting the warranty/performance Guarantees and other action in accordance with law, such as black-listing, risk & cost etc.
14. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

-Sd-

सहायक कुलसचिव (क्रय तथा भंडार)
Assistant Registrar (Stores & Purchase)

ANNEXURE-I

Bid Securing Declaration Form

Date: _____ E-Tender No. _____ E-Tender ID _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or

b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders. I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)
in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration)
Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)
Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

PS: *Furnish the above in original stationary/letter head with signed and sealed.*

ANNEXURE-II

Technical Specifications for UHPLC System

UHPLC System consisting of Quaternary Gradient pump, Online Degasser, Auto-sampler, Column Compartment with heating and Cooling Facility, UHPLC Software, with leak detection feature, columns and Accessories as per the following specifications:

1. Quaternary Gradient Pump:

- a. Pump capable of blending up to 04 solvents.
- b. 4-Channel facility in pump with serial/Parallel pistons.
- c. Must be able to work as Isocratic, Binary & Quaternary modes.
- d. Proportionating / Composition Precision: $\leq 0.15\%$ RSD or less.
- e. Proportionating/ Composition Accuracy: $\pm 0.5\%$ or better.
- f. Operation flow range: Programmable 0.001 to 2 ml /min or better with 0.001 ml/min increments.
- g. Operating pressure Range: 11,500 psi or more.
- h. Flow Precision: $\leq 0.07\%$ RSD or better.
- i. Flow Accuracy: $\pm 1\%$ or better.
- j. The pump must have a delay volume 360 μL or less.
- k. It should be able to work in pH range from 2 -12 or better.
- l. Online degasser must be provided along with the pump.
- m. Compressibility compensation should be done automatically.
- n. Solvent selection and gradient formation valve(s) should be included.
- o. User should be able to set the percentages of the solvents to any value from 0 through 100%.
- p. System should allow setting the pump through software.
- q. Should have leak sensor along with light alarm.

2. Auto-sampler:

- a. Number of Sample Capacity: 100 vials or more.
- b. Injection Precision: $\leq 0.25\%$ RSD at 5 μL or better.
- c. Operating pressure Range: 11,500 psi or more.
- d. Sample Carryover: $< 0.005\%$ from past sample.
- e. Injection Volume Range 0.1 to 100 μL .
- f. Autosampler Should have Auto-dilution and Auto-derivatization facility.
- g. Should have leak sensor along with light alarm.
- h. Auto cleaning feature of Injection Needle of auto-sampler should also be provided.
- i. Temperature operating range: Ambient Temp. to 40°C.

3. Column Compartment: with suitable heating and cooling facility:

- a. Temperature Control Range: At least 6°C below ambient; up to 80°C or higher temperature.
- b. Temperature accuracy $\pm 1^\circ\text{C}$ or better
- c. Temperature stability $\pm 0.2^\circ\text{C}$ or better
- d. Column capacity: It should include 03 nos. of column. Each column should be of 25 cm length or more.
- e. Pre-column mobile phase heating with dedicated heater.
- f. Should have leak sensor along with light alarm.

4. Photo Diode Array Detector:

- a. Wavelength range: 190 - 800 nm or better.
- b. Wavelength accuracy: ± 1.0 nm or better; should be able to perform self-calibration.
- c. Slit width: Programmable atleast with 3 wavelengths.
- d. Light Source: suitable for pesticide, pharmaceuticals and other organic Micropollutants analysis (Deuterium lamp for UV range and tungsten lamp/deuterium arc lamp for visible range).
- e. Sampling Rate: upto 110 points/Sec or better to support fast data acquisition.
- f. Flow cell: suitable for applications for pesticide, pharmaceuticals and other organic Micropollutants.
- g. Number of Diodes: 500 or more.
- h. Should have leak sensor along with light alarm.
- i. Baseline Noise: 3×10^{-5} AU at 254 nm.
- j. Drift: $< 1.0 \times 10^{-3}$ AU at 254 nm.

5. Software

Standard Licensed Software based on latest Windows version capable of controlling the entire system, data acquisition, analysis, storage & methods and sequences, method download and new method set up. Software should have capability to perform automatic peak detection, peak area measurement, base line correction, sample pre-treatment / Derivatization in Auto injector in order to perform pesticides, pharmaceuticals and other organic micropollutants in fully automatic manner in any sample without any manual intervention.

6. System should be equipped with automatic calibration.

7. UHPLC C18 Columns with OEM Part numbers :-

- a. 150 x 3.0 mm x 2.7 μm – Qty 1
- b. 250 x 4.6 mm x 5 μm – Qty 1
- c. 50 x 2.1 mm x 1.8 μm – Qty 1

Appropriate guard column should be provided for the above specified columns.

8. Essential Consumables: (All consumables should be quoted with OEM Part numbers)

- a. Autosampler Clear vials 1.5 or 2 ml with screw caps: 1000
- b. Amber Vials 0.5 or 2 ml with screw caps: 1000
- c. Glass Solvent filter: 4
- d. Frits/Pre filters: 50
- e. PEEK Ferrules: 10
- f. PEEK Tubing: 6 m
- g. Pump seal: 2

9. Essential Accessories:

- a. Computer Specifications: Branded PC with i7 Processor, ≥ 16 GB RAM, ≥ 1 TB HDD, USB, LAN, Mouse, Keyboard, ≥ 24 " Monitor, Licensed Windows 11 Professional or better and Antivirus software for 3 years.
- b. Branded UPS: Suitable 2 KVA On-line UPS with 60 minutes backup.
- c. Printer Qty: One LaserJet printer with a print capacity of 14 A-4 pages per minute and a resolution of 600 x 600 dpi.

10. Training: - Installation, Familiarization & Demonstration should be given at our lab with no additional charge by the supplier.

11. Warranty: - One year comprehensive warranty on complete system included PC, Printer & UPS from the date of installation.

12. Optional Warranty & Annual maintenance contract: Extended warranty for 2nd and 3rd year followed by AMC charges for 3 years should be quoted separately.

13. Other Terms and condition:

- a. Vendor should have ISO 9001 Certification.
- b. The quoted model must be available on the website of company before bidding process.
- c. In last three (03) years supplier must have supplied and installed five or more same/similar systems to any of the leading reputed government institutions in India such as IISERs/IITs/CSIR/DRDO/BARC *etc.* Provide the list of users with contact details (Name, Organization, Email ID and office number) indicating the model number supplied.
- d. Feedback from existing users of the supplier may be sought.
- e. A valid authorization certification must be submitted by bidder from the OEM.
- f. All the requirements laid down under the above specifications must carefully read, point wise underlined in brochures and understood before claiming your instrument as "complied".
- g. Please provide compliance statement sheet with technical bid and if there is any deviation in above mentioned specifications should be clearly highlighted in remarks.
- h. The vendor should have an office or agents as well as service centre in India. Qualified technical and service personnel should be available in North India.

14. Evaluation Criteria:

Evaluation shall be done on “Overall – L1” based on: Total landed cost to IISER Mohali on equipment (all items included) with standard warranty (one year) + 2-year extended warranty + 3-year AMC Plan.

IISER Mohali reserves the right to strike off items in the following sequence, and re-determine L1 in case all quotations exceed the sanctioned amount.

- (i) 3-Year AMC plan.
- (ii) Extended warranty.