



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 (1549-2)22/23-Pur-GTE

Dated: 19th July 2022

ई - निविदा आमंत्रण सूचना

NOTICE INVITING E-TENDER

यूवी-विजिबल स्पेक्ट्रोफोटोमीटर के लिए क्रायोस्टेट 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 अर्थात् <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 Cryostat for UV-Visible spectrophotometer** 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

शिक्षा मंत्रालय, भारत सरकार द्वारा स्थापित
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ई - निविदा आमंत्रण सूचना / E-TENDER NOTICE

Tender Ref.- IISERM(1549-2)22/23-Pur-GTE

Dated : 19th July 2022

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	19 th July 2022	6:00pm
2.	Tender Document download start Date & Time	19 th July 2022	6:00pm
3.	Bid Submission start Date & Time	19 th July 2022	6:00pm
4.	Bid Submission End date and Time	18 th August 2022	Upto 11:00am
5.	Tender opening Date and Time	19 th August 2022	At 11:30am

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, in lieu of EMD.

ITEM WISE DETAILS

S. No.	Description	Qty. (in units)
1.	SUPPLY AND INSTALLATION OF CRYOSTAT FOR UV-VISIBLE SPECTROPHOTOMETER ALONGWITH ACCESSORIES <u>TECHNICAL SPECIFICATIONS: AS PER ANNEXURE-II</u>	01

A) IMPORTANT NOTES:-

- I. **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.**
- II. **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.**
- III. **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.**
- IV. **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.
- V. **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.**
- VI. **All MSME/NSIC/Startup Units shall be considered as per provisions/rules prescribed by Govt of India.**
- VII. **Auto-extension of last date for E-Tenders has been activated by CPP Portal which has participation 2 bids or less.**
- VIII. **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 necessary 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. <small>(As per technical bid)</small>
1.	Tender Notice Document Copy of NIT		
2.	Technical Compliance Sheet		
3.	Authorization/MAF Certificate from OEM (principle)/ Manufacturer certificate		
4.	Tender Fee , if applicable or Exemption Certificate (NSIC/MSME Certificate)		
5.	Undertaking Bid Security Declaration Form – Annexure-I (on letter head duly signed and sealed)		
6.	Annexure-II declaration of Local content/MII, with complete information (if applicable)		
7.	PAN & GST		

** If checklist is not provided by the bidder alongwith 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.

C) INSTRUCTIONS

- 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.
- 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.
- 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.
- 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.
- Custom Duty as applicable as per GOI Norms.**

6. Tax: This Institute is not exempted from the payment of GST. The current rate (i.e. percentage of GST should be clearly indicated included or excluded) wherever chargeable. Please also provide/upload the copy of PAN card, GST number duly self-attested.
7. **GST as applicable as per GOI Norms.**
8. Bidder/s quoting in currency other than **Indian Rupee (INR)** should explicitly mention the currency in which tender quoted wherever applicable in **Technical Bid** along the tender documents.
9. The delivery period should be specifically stated. Earlier delivery will be preferred.
10. **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.
11. 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.
12. Validity of offer: 180 days.
13. 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 @ 3% of the value of supply order, in terms of *Ministry of Finance, DoE, GOI, OM. No. F.9/42020-PPD dated 12-11-2020 and extension of vide circular no. F.9/4/2020-PPD dated: 30th December 2021* as per norms may be sought from the firms.
14. 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>
15. 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 he 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 Specification of Cryostat for UV-Visible spectrophotometer (Perkin Elmer Lambda 465)

Sr. No.	Particulars	Required Details
1.	Cryostat for UV-Visible spectrophotometer	<p>i) The Cryostat for UV-Visible spectrophotometer and whole set up should be compatible with the Perkin Elmer Lambda 465 UV-VIS spectrophotometer, which is already existing</p> <p>ii) Cryostat should be light weight, compact, user friendly and outer size of the main body should be preferably H146.5 mm x W90 mm x D111mm without magnetic stirrer and adapter</p> <p>iii) Cryostat should be able to be placed inside the sample compartments of Perkin Elmer Lambda 465 UV-Vis spectrophotometer</p> <p>iv) Cryostat should not require vacuum pumps and can be used at ambient pressure</p> <p>v) Cryostat should be able to perform fast kinetics experiment (minimum cycle time: 1 sec) in the temperature range -80°C to +100°C with continuous stirring</p>
2.	Structure/ low temperature sample chamber	Cell holder should be made of aluminum, with foamed urethane used as insulator
3.	Optical Window	Should be of 3 sides, made of synthetic quartz
4.	Compatible Cell	Should be four-side transparent cell with outer dimension of 12.5mm x 12.5mm
5.	Temperature Control	Temperature should be controlled by the flow control of liquid nitrogen by an automatic valve
6.	Temperature Range	-80°C to +100°C with 0.1 Deg C increment
7.	Temperature Accuracy	Should be ± 1 °C or set up temperature $\pm 0.5\%$
8.	Quantity of Dew Condensation	Should be less than 0.2 to 0.1OD/hour at -80°C with TSP-1000 system
9.	Temperature Detection	Pt100, Resistance thermometer
10.	Functions	Two heaters should be included: One is to prevent dew condensation on optical windows. The other for temperature elevation
11.	Stirrer and magnetic stirring bar	i) Suitable stirrer and controller (compatible with the cryostat) which can work in -80°C to +100°C range should be provided and the stirring should be compatible to perform fast kinetics experiment (minimum cycle time: 1 sec) in the temperature range -80°C to +100°C with

		<p>continuous stirring</p> <p>ii) Stirrer should have wide range of rpm; rpm range should be mentioned</p> <p>ii) One set of Stirring bars (5pcs/set) which can work in -80°C to +100°C range should be provided</p>
12.	Provision for gas flow	<p>i) The cell holder should have provision for N₂/Ar gas flow to maintain anaerobic and moisture free atmosphere inside the cell holder</p> <p>ii) Relevant tubing/accessories as required for gas flow should be provided</p>
13.	Liquid nitrogen Container	One Stainless-steel Dewar vessel, 2L (or larger up to 5 ltr) with 1L/Hr consumption
14.	Cuvette	3 cuvettes with airtight cap and/or cuvette neck should have provision to fit with 8-9 mm septa so that external injection of sample can be done by a syringe through the septa/cap
15.	Tube sets	Tube sets for gas flow and Liquid nitrogen flow
16.	Cryogen used	Liquid nitrogen
17.	Adaptor	Adaptor compatible to Perkin Elmer Lambda 465 UV-Vis spectrophotometer if required for the cryostat should be provided
18.	Input Voltage	220-240V, 50/60Hz, Indian Plug

Important Note:

- i) Vendor should have supplied similar system in last 5 years to any of the leading institutions in India such as IISER/IISc/IITs/CSIR/DRDO/DAE/reputed organizations, *etc.* and also should provide the list (and contact details) of users with contact details (Name, Organization, Email ID and office number) indicating the model number supplied.
- ii) Feedback from existing users of the supplier will be sought if needed
- iii) **Compliance statement sheet with technical bid should be provided by the vendor.**
- iv) **Sufficient document proof and/or brochure should be provided by vendor in support of their “complied statement”**
- v) **Clear pictures of the cryostat with heating and stirring controller should be provided**
- vi) **User’s manual should be provided**
- vii) The instrument should be quoted with at least one year of warranty of the entire setup.
- viii) The supplier should be able to provide onsite installation service by experienced technical support personnel. Installation charges should be quoted separately.