



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 (1615)22/23-Pur

Dated: 30th March 2023

ई-निविदा सूचना E-TENDER NOTICE

परमाणु अवशोषण स्पेक्ट्रोफोटोमीटर के साथ बायबैक के तहत सामान 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 Atomic Absorption Spectrophotometer along with accessories under buyback** 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)

NOTE: This is a domestic Tender according to the DPIIT Order dated 15/07/2017, 04.06.2020 and subsequent amendments to the order for Public Procurement Preference & PROVISION FOR LOCAL SUPPLIERS TOWARDS PREFERENCE TO MAKE IN INDIA. The bidder required to declare on the letter head the percentage of Local content for the quoted instrument and submit with the Technical Bid. Bidder should also give details of the location(s) at which the local value addition is made.



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Tender Ref.- IISERM(1615)22/23-Pur	Dated : 30 th March 2023
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Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	30 th March 2023	6:00pm
2.	Tender Document download start Date & Time	30 th March 2023	6:00pm
3.	Bid Submission start Date & Time	30 th March 2023	6:00pm
4.	Bid Submission End date and Time	19 th April 2023	Upto 11:00am
5.	Tender opening Date and Time	20 th April 2023	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.	<p data-bbox="268 297 1305 398">Supply and Installation of Atomic Absorption Spectrophotometer alongwith accessories under buyback for obsolete condemned Atomic Absorption Spectrophotometer Model: AA7000</p> <p data-bbox="268 423 1294 456"><u>Tender Technical Specification for Atomic Absorption Spectrophotometer</u></p> <ol data-bbox="268 477 1305 2016" style="list-style-type: none"><li data-bbox="268 477 1305 801">1. The Instrument: The required atomic absorption spectrophotometer (AAS) should be fully automated with PC controlled double beam instrument with capabilities of Atomic Absorption and Flame Emission measurements of many elements with deuterium and self-reversal background correction. Future upgradability with integrated graphite furnace from the same manufacturer should be there. The quoted instrument should also be upgradable with an auto-sampler unit from the same manufacturer in future. The quoted instrument should also be capable of working with a hydride generator from the same manufacturer.<li data-bbox="268 822 1305 891">2. Optics: True Double Beam, Sealed & Vibration free optical System with a reflective optical compartment.<li data-bbox="268 911 1305 1014">3. Monochromator: Czerny-Turner type with Holographic Grating of 4500 lines/mm (or better) and Reciprocal Linear Dispersion better than 0.448 nm/mm, focal length 330mm.<li data-bbox="268 1034 927 1068">4. Wavelength Range: 185 nm-915 nm or better.<li data-bbox="268 1088 778 1122">5. Slits: Slits adjustable 0.1 to 2.0 nm.<li data-bbox="268 1142 692 1176">6. Atomizer: Built in Atomizer<li data-bbox="268 1196 1305 1265">7. Background Correction: Dual Background correction with deuterium and self-reversal background correction should be there.<li data-bbox="268 1285 1305 1355">8. Lamp setup: 8 or more lamp positions with motorized lamp holder with computer-controlled lamp selection and alignment.<li data-bbox="268 1375 1305 1478">9. Accessory Adjustment: Fully computer controlled spectrometer for all major accessories Burner Heads, Flame and Regulators etc. under software control.<li data-bbox="268 1498 1305 1601">10. Nebulizer TIP: Nebulizer tip should be made up of anti-corrosive material to undertake analysis of strongly acidic, corrosive samples including HF.<li data-bbox="268 1621 738 1655">11. Wavelength Accuracy: 0.15nm<li data-bbox="268 1675 1305 1744">12. Burner: 10 cm air acetylene burner and 5 cm nitrous-oxide acetylene burner of titanium<li data-bbox="268 1765 1305 1834">13. Safety System: Safety interlocks for burner, liquid trap, flame operation, mains power, gas and oxidant pressure should be there.<li data-bbox="268 1854 1305 1957">14. Gas Control: Instrument should have fully automatic programmable gas control and automatic changeover between air acetylene and nitrous oxide flame.<li data-bbox="268 1977 1098 2011">15. Sensitivity: 0.9 Absorbance or better for 5 ppm Cu solution.	01

16. **Coded Hollow Cathode Lamps and Accessories:** Hollow cathode lamps for analysis of Fe, Cu, Ni, and Co, air compressor, Fume hood, acetylene and nitrous oxide cylinder with regulators etc should be quoted separately.
17. **Flame System:** The flame should be supported by burner which can handle high solids with excellent flame stability and low carbon built-up. The burner height should be automatically adjustable, and control should be provided to adjust the burner rotation and transverse position. Automatic flame ignition should be provided. The system should have the provision of all safety interlock during power failure.
18. **Additional Items:** (1) A suitable graphite furnace should be quoted separately with complete technical specifications of the quoted graphite furnace. (2) A suitable auto-sampler unit also should be quoted separately with complete technical specifications of the quoted auto-sampler unit.
19. **Operating Manual:** Soft and hard copy of Operating Manual along with trouble shooting solutions to be provide
20. **Other Accessories:**
- i) Compatible branded desktop computer System (with at least 8GB RAM, 1TB HDD and appropriate Windows OS with OS key) with Full HD Monitor, keyboard, mouse, power cable and the required connection cable for connecting the instrument should be included with the quote for the instrument.
 - ii) Complete Gas Purification Panel with fittings & installation of all gases should be quoted separately.
21. **Documents and Trainings:** On site IQ, OQ, PQ of instrument along with document. Technical and application training to the users and laboratory personnel at site immediately after its installation is mandatory.
22. Pre-Installation Requirements (PIR) of the system should be indicated in the quote.
23. The system should be quoted with all accessories required to make it fully operational.
24. The quoted model must be available on manufacturer's website. The quoted instrument must have at least 15 installations in India. A complete list of users with contact details (Name of end user, email address and mobile number) in India should be provided along with the copy of purchase order and the installation report.
25. Technical quotation without complete catalogue of the offered product and accessories will not be accepted for consideration.
26. The vendor must indicate in their letter head the country of manufacture of the proposed product.

Note: Bidders are required to quote for the above equipment (*Atomic Absorption Spectrophotometer Model: AA7000*) under buyback option in financial bid/BOQ.

A) IMPORTANT NOTES:-

- I This is a domestic Tender according to the DPIIT Order dated 15/07/2017, 04.06.2020 and subsequent amendements thereof for Public Procurement Preference & PROVISION FOR LOCAL SUPPLIERS TOWARDS**

PREFERENCE TO MAKE IN INDIA. Bidders should also give details of Location(s); at which the local value addition is made. Bidders are requested to furnish the declaration regarding local content/locations in Annexure II through CPPP portal.

- II. **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.
- III. **The online updated Price BOO is in INR format. Bids are invited in INR only against domestic tender.**
- IV. **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.**
- V. **All MSME/NSIC/Startup Units shall be considered as per provisions/rules prescribed by Govt of India.**
- VI. **Auto-extension of last date for E-Tenders has been activated by CPP Portal which has participation 2 bids or less.**

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 alongwith 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		
2.	Technical Compliance sheet (Annexure-III) (Page Nos. to be indicated in the technical bid along with product catalogue and brochure)		
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.	Attach Copy of PAN		
8.	Attach Copy of GST		

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

- IV. 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

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 as applicable, as per GOI Rules.**
6. **GST as applicable, as per GOI Rules.**
7. 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.
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 (in Annexure-III)**. 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. 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.
11. Validity of offer: 90 days.
12. 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.
13. 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>
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

SELF DECLARATION

[For Local Content of Products, Services or Works]

File/Tender No.

Tender ID: Dated:

To,

**The Director
Indian Institute of Science Education and Research
(Established by Ministry of Education, Govt. of India)
Sector-81, Knowledge city, PO-Manauli,
SAS Nagar Mohali-140306, Punjab**

1. With reference to Order no P.-45021/2/2017 PP (BE-II) dated 04.06.2020 and No. P-45021/2/2017-PP(BE-II) dated 16-09-2020 of DPIIT, Ministry of Commerce and Industry, Govt. of India, we fall under the following category of supplier (please tick the correct category) for the items for which this tender has been floated and being bided.

- Class I local supplier – has local content equal to more than 50%. Local contents added at _____ (name of location).
- Class II local supplier – has local content more than 20% but less than 50%. Local contents added at _____ (name of location).
- Non-local supplier – has local content less than or equal to 20%. Local contents added at _____ (name of location).

2. We are solely responsible for the abovementioned declaration in respect of category of supplier. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which we may can be debarred for up to 2 years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Signature & seal of the company

Name and address of the organization

.....
.....
.....

Date:

Note: In cases of procurement for a value in excess of Rs. 10 crores, the 'Class-I local supplier' / 'Class-II local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.