



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान पुणे
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE
IISER/PUR/2030/23
PREBID CLARIFICATION ON GEM BID NUMBER - GEM/2023/B/4757727

Item Description- Procurement of Inductive Coupled Plasma Mass Spectrometer (ICPMS) system

इंडक्टिव कपल्ड प्लाज्मा मास स्पेक्ट्रोमीटर (ICPMS) प्रणाली की खरीद के लिए 22/03/2024 को संस्थान की वेबसाइट www.iiserpune.ac.in और GeM पोर्टल पर प्रकाशित एक खुली निविदा देखें।

Refer to an open tender published on the Institute website www.iiserpune.ac.in and on the GeM Portal on 22/03/2024 for procurement of Inductive Coupled Plasma Mass Spectrometer (ICPMS) system

प्री-बिड मीटिंग 03/04/2024 को शाम 3.00 बजे आयोजित की गई और बैठक का कार्यवृत्त निम्नानुसार है:

Pre-Bid meeting was held on 03/04/2024 at 3.00 PM and minutes of meeting is as under:

प्रारंभ में, समिति ने सभी सदस्यों और संभावित बोलीदाताओं के प्रतिनिधियों का स्वागत किया और सामान्य तौर पर निविदा के दायरे की जानकारी दी और उसके बाद सहायक कुलसचिव (भंडार एवं क्रय) से बोली लगाने वालों को निविदा की मुख्य विशेषताओं के बारे में जानकारी देने का अनुरोध किया।

At the outset, the committee welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the tender and thereafter requested Assistant Registrar (S&P) to brief the bidders on the salient features of the tender.

उपस्थित प्रतिनिधि दिए गए उत्तरों से संतुष्ट थे और यह सूचित किया गया था कि प्री बिड कॉन्फ्रेंस के दौरान की गई चर्चा के अनुसार दिए गए सुधार- / परिवर्धन / स्पष्टीकरण को IISER पुणे की वेबसाइट पर होस्ट किया जाएगा और सभी संभावित बोलीदाताओं को बोली दस्तावेजों में निर्धारित अनुसार अपनी बोली जमा करने से पहले प्री-बिड सम्मेलन की कार्यवाही का संज्ञान लेना आवश्यक है।

The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of IISER Pune and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents.

हमारी आईआईएसईआर वेबसाइट www.iiserpune.ac.in और GeM portal पर जारी नोटिस के अन्य नियम और शर्तें अपरिवर्तित रहेंगी। इस संबंध में और कोई पत्राचार नहीं किया जाएगा।

The other terms & conditions of the notice issued on our IISER website www.iiserpune.ac.in and GeM portal will remain unchanged. No more correspondence in this regard will be entertained.

बैठक अध्यक्ष के धन्यवाद प्रस्ताव के साथ समाप्त हुई।

The meeting ended with vote of thanks to the Chair.

08/04/2024

सहायक कुलसचिव (भंडारण एवं क्रय)
Assistant Registrar (S&P)

TECHNICAL AND COMMERCIAL QUERIES AND CLARIFICATION**PRE-BID CONFERENCE FOR ITEM DESCRIPTION- INDUCTIVE COUPLED PLASMA MASS SPECTROMETER (ICPMS) SYSTEM**

S. No.	Query/Clarification Sought	Clarification / Amendment
1	Auto sampler Auto sampler: >200 vials of different volume capacities.	Amended as Auto sampler: ≥50 vials of different volume capacities
2	Ion Source and RF plasma Computer controlled between 27 to 40 MHz plasma RF generator operating from 500 to 1600 watts for automatic control of torch ignition, shutdown, and system warm up. The RF generator should able to run in Cold Plasma mode (400-800 W) and Hot Plasma mode (1400-1600 W) in a single sample acquisition and can rapidly change between these modes without the need to create multiple methods.	Amended as Computer controlled ≥27 MHz plasma RF generator operating from 500 to 1600 watts for automatic control of torch ignition, shutdown, and system warm up.
3	Standard large orifice Ni sampling cone 1mm or more and skimming cones should be 0.8 or more to suit all applications and to prevent clogging and minimize signal drift. Pt Sample and Skimmer cones should be offered along with Ni Sample and Skimmer cones as standard.	Tender specification prevails
4	Reaction cell □ ICP MS shall incorporate a Cell offering three modes of operation: Standard Mode, Collision Cell Mode (with Kinetic Energy Discrimination) and Reaction Cell Mode to utilize a wide variety of gases in the single run. Suggested to add gases as well because this is important part to remove interferences. The system should have facility to use helium-hydrogen (HeH= 93:7) gas mixture without changing cell gas. System should have option to use other pure reaction gas oxygen and methane in Reaction mode in 100% pure form.	Tender specification prevails

	The system should have optional facility to use 100% pure ammonia gas.	
5	<p>Quadrupole Assembly</p> <ul style="list-style-type: none"> • Hyperbolic quadrupole mass filter of material with excellent coefficient of thermal expansion properties should be provided • Quadrupole is driven by fully Digital RF generator with frequency 2 to 3 MHz. • The Mass range should be from 2-275 u or better • Scan speed: 5000 u/sec or better • Mass resolution: 0.3 to 0.7 u or better • Abundance Sensitivity (at Cs): Low Mass side: $\leq 5 \times 10^{-7}$ • Abundance Sensitivity (at Cs): High Mass side: $\leq 1 \times 10^{-7}$ 	Tender specifications prevail.*
6	<p>Performance Specifications</p> <ul style="list-style-type: none"> • Guaranteed sensitivity specifications will be considered (To be demonstrated on-site; typical sensitivity values will not be considered) • Sensitivity (Mcps/PPM (i.e., Million Counts per seconds/Parts Per Million)): • 20- 100 or better on lower mass side • 100-300 or better on Middle Mass • 80- 200 or better on higher mass side • Oxide ratio (%) CeO/Ce <2.5% or better • Background on-mass (cps) No gas <1 cps <p>All above specification should be practically achievable and need to demonstrate by vendor.</p> <p>Suggested to add detection limits which are finally you are looking for-</p> <p>0.5ppt or better on lower mass side 0.1ppt or better on Middle Mass 0.1ppt or better on higher mass side</p>	Tender specifications prevail.*
7	<p>Detector system</p> <p>Linear dynamic range: The detector should allow element concentration calibration ≥ 12 order magnitude in a single scan using both analog and pulse ion counting mode, and is</p>	Tender specifications prevail.*

	<p>protected against overload in both pulse counting and analog counting mode.</p> <p>Both the analog and pulse counting modes should be protected against overload. Minimum dwell time 10µS in both pulse count and analog mode to ensure to well-defined and resolved transient signals.</p>	
8	Hydride Generator - suggested to remove. It is not required in ICPMS. Because ICPMS detection limits are in ppt levels.	Tender specification prevails.

***≡ Please specify the deviations, if any, with their advantages and disadvantages for the tender-specified applications.**

**DECLARATION OF LOCAL CONTENT
AND AVAILABILITY/COMPLIANCE OF ITEM**

(To be given on company's letter head - For item value below Rs.10 crores)
(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for item value above Rs.10 crores)

Date: _____

To,
The Director
Indian Institute of Science Education and Research Pune
Dr.Homi Bhabha Road, Pashan
Pune-411008

Sub: Declaration of Local content and availability/compliance of item

Item No.	Name of item	Only mention Currency (must be INR for local part)	Local content %	Country of Origin	Comply/capable to provide (yes/no)
1					
2					
3					
4					

“Local Content” means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

*“*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.”*

**Yours faithfully,
(Signature of the Bidder, with Official Seal)**

BIDDER INFORMATION FORM

Company Name : _____
Registration Number : _____
Registered Address : _____

Name of Partners /Director : _____

City : _____
Postal Code : _____
Company's Establishment Year : _____
Company's Nature of Business : _____

Company's Legal Status (tick on appropriate option)

- 1) Limited Company
- 2) Undertaking
- 3) Joint Venture
- 4) Partnership
- 5) Others

Company Category

- 1) Micro Unit as per MSME
- 2) Small Unit as per MSME
- 3) Medium Unit as per MSME
- 4) Ancillary Unit
- 5) SSI
- 6) Others

CONTACT DETAILS

Contact Name: _____
Email Id : _____
Designation : _____
Phone No : (_____) _____
Mobile No : _____

BANK DETAILS

Name of Beneficiary : _____
A/c. No. CC/CD/SB/OD: _____
Name of Bank : _____
IFSC NO. (Bank) : _____

Enclose scan copy of cancelled Cheque.

Branch Address and Branch Code: _____

Other Details

Vendor's PAN No. _____

Vendor's GST No: _____x

**CERTIFICATE
ON COMPANY LETTERHEAD**

CERTIFICATE BY BIDDER- DPIIT REGISTRATION

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, / if from such a county, has been registered with the Competent Authority (copy of the Registration Certificate enclosed). I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered.

Signature with Date and Stamp
Of the Bidder

Compliance of BoQ Specification and Supporting Document

FORMAT OF COMPLIANCE STATEMENT OF SPECIFICATIONS

S. N.	Name of specifications/ part / Accessories of as per GeM bid	Specifications quoted by bidder	Compliance Whether "YES" Or "NO"	Deviation, if any, to be indicated in unambiguous terms	Whether the compliance / deviation is clearly mentioned in technical leaflet/ literature
1	2	3	4	5	6

- **Custom Duty Exemption Certificate:**

IISER Pune has concession from payment of Customs Duty under notification No.51/96 dated 23.07.1996. No other charges than those mentioned clearly in the quotation will be paid. CDE Certificate will be provided as and when required.