



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान पुणे

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

IISER/PUR/1650/23

PREBID CLARIFICATION ON GeM TENDER NUMBER - GEM/2024/B/5519284

आइटम विवरण- सरफेस टेन्सियोमीटर की खरीद

Item Description- Procurement of Surface Tensiometer

सरफेस टेन्सियोमीटर की खरीद के लिए 29/10/2024 को संस्थान की वेबसाइट www.iiserpune.ac.in और जीईएम 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 Dated 29/10/2024 for procurement of Surface Tensiometer.

प्री-बिड मीटिंग 11/11/2024 को सुबह 3.00 बजे आयोजित की गई और बैठक का कार्यवृत्त निम्नानुसार है:

Pre-Bid meeting was held on 11/11/2024 at 11.00 AM 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 (भंडारण 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.

21/11/2024

21/11/2024

Sd/-

सहायक कुलसचिव (भंडारण एवं क्रय)

Assistant Registrar (S&P)

TECHNICAL AND COMMERCIAL QUERIES AND CLARIFICATION**PRE-BID CONFERENCE FOR ITEM DESCRIPTION- PROCUREMENT OF SURFACE TENSIO METER**

| S. No. | Query/Clarification Sought | Clarification / Amendment |
|--------|---|---|
| 01 | <p><u>Balance load capacity & features</u></p> <p>i) Bidder requested super sensitive 5 gm balance with a Balance resolution 10 µg. 3 years' warranty provided by OEM.</p> <p>ii) The balance brand name should be removed or mention a similar brand like Sartorius or Mettler.</p> | <p><u>Balance load capacity & features</u></p> <p>Tender specifications prevails.</p> |
| 02 | <p><u>Control & Display</u></p> <p>i) Bidder requested in built control through keypad operation to program measurements. Data can be data can be displayed on LCD transferred and stored on PC with Data transferred software provided along with the System.</p> <p>ii) Bidder requested to amend to built-display or PC-controlled system. The PC-based system has a lot of dis advantages like graphical representation of data, unlimited storage etc, Built-in touch key pad always damaged because of spillage of chemicals on the touchpad, and chemicals entered into electronic boards cause damage to electronic parts frequently. The technical evaluation mark for the said feature must be reduced from 15 to 5.</p> | <p><u>Control & Display</u></p> <p>Tender specifications prevails.</p> |
| 03 | <p><u>Working Temperature Range for measurement</u></p> <p>i) Bidder requested -10- 100 0C sample temperature, with a suitable thermostable jacket. An external magnetic stirrer and temp sensor.</p> | <p><u>Working Temperature Range for measurement</u></p> <p>Tender specifications prevails.</p> |

| | | |
|----|---|--|
| | <p>ii) Stirrer feature has to remove as its only needed to when measuring the automatic CMC.</p> | |
| 04 | <p><u>Platform movement</u> Stroke: 48mm It should be ≥ 48 mm</p> | <p><u>Platform movement</u> Tender specifications prevails.</p> |
| 05 | <p><u>Battery and Power Supply</u> No need to mention the Inbuilt rechargeable battery which has to be removed. As system already needs supply from 230V UPS supply</p> | <p><u>Battery and Power Supply</u> This parameter is not covered in the tendered specifications.</p> |
| 06 | <p>Force Tensiometer for Manual measurements : Qty - 01 As informed how we can bid the both above instruments in single bid in GEM as we can upload the single instrument in GEM enquiry. We request you please do the needful and amend the specification.</p> | <p>Force Tensiometer for Manual measurements: Qty - 01 Bidder should upload the catalogue of First Force Tensiometer for automatic measurements on GeM portal. However bidder should submit the catalogue for both the Force Tensiometer in technical bid pdf format.</p> |
| 07 | <p>Please refer above, we want to participate in the above tender but not able to due to the clause "Purchase Preference to Make in India". Our instruments are imported and hence local content to be provided would be less than 20% which resist us from participating in the tender. May we request you to amend this tender by removing the clause so that we can also submit the offer for the same.</p> | <p>Since this is a Global tender has been issued on GeM portal. Class I Local Supplier and Class II Local Supplier as well as Non-Local Supplier may participate in this bid.</p> |
| 08 | <p>Buyer Specification Document</p> | <p>Technical Specifications appended as Annexure-III</p> |

Specification of Surface Tensiometer

1) Force Tensiometer for automatic measurements- Qty - 01

| Type | Provision to measure surface tension as well as interfacial tension | Points |
|--|---|--------|
| Measuring method & range Resolution | Pt-Ir Ring method & Wilhelmy Plate method Measuring range: 1-900 mN/m 0.01 mN/m for Ring method 0.1mN/m for plate method | 15 |
| Liquid Density Range & Resolution | 1 to 1500 kg/m ³ 1 Kg/m ³ | 5 |
| Balance load capacity & features | 50g, the internal balance of the Tensiometer must be from a reputed manufacturer with 3-years warranty and Balance resolution: 100 µg | 10 |
| Control & Display | In-built controller through soft keys by touch/push operation to program the measurement & store a minimum of 500 sample measurement data should be displayed on LCD | 12 |
| Measuring chamber | The sample should be visible externally with the provision of a windshield | 5 |
| Sample platform movement: Interfaces Levelling of instrument | Electrically driven using servo motor with provision for manual measurements Serial RS232/ USB In-built level bubble with adjustable feet | 5 |
| Platform movement Platform movement height/speed | ≥ 40 mm 2.5 to 15 mm/min. | 8 |
| Temperature control system | (-) 10 °C to (+) 100 °C | 5 |
| Working Temperature Range for measurement | 0-90 °C sample temperature, with suitable thermostable jacket (SS) with integrated stirrer, temp sensor | 20 |
| Accessories Required | Pt Plate in protective Box, Pt Ring in protective box Sample Vessel, fireproof, set of 6 pieces, outer diameter Ø <100 mm, Liquid density measuring set Thermostat table Jacket (SS) controlled by liquid thermostat, with integrated electro-magnetic stirrer External temperature sensor for measurement of sample temperature incl. devices for fixing to sample stage Refrigerated circulating bath working range: -10 to 100 °C Branded computer along with necessary software should be provided as per the instrument requirements 1 Year standard warranty on the instrument. | 15 |
| | Total | 100 |

Minimum marks for qualification :85

2) Force Tensiometer for Manual measurements - Qty - 01

| | | |
|---------------------------------|---|-----|
| Measuring method | Du Nouy Ring method | 30 |
| Working | PT ring connected to a torsion wire to measure surface and interfacial tension | |
| Operating range | 1 to 90 mN/m, direct scale reading 1 mN/m | 30 |
| Resolution | 1 mN/m | 10 |
| Pt-ring Dimension | Ring Radius 8-10 mm Wire diameter 0.3-0.5 mm Wetted length Standard ring >100 mm | 10 |
| Sample stage Travel distance | ≥ 80mm | 10 |
| Levelling of instrument | In-built level bubble with adjustable feet 1-year standard warranty on the instrument. | 10 |
| | Total | 100 |

Minimum marks for qualification :85

Note: One OEM should supply both the instruments, taking into account repair of instrument and support in future, failing which bid shall not be evaluated further and stands rejected.

**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) | Location(s) of value addition |
|----------|--------------|--|-----------------|-------------------|------------------------------------|-------------------------------|
| 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

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

Tender ID: _____ Procurement Item: _____

PRICE REASONABILITY CERTIFICATE

Dear Sir/Madam,

With reference to the submission of our bid against the above-mentioned tender, I/We hereby certify that:

1. The rates quoted are exclusively for academic/research institutions and do not exceed prices charged to other Government Organisations / PSUs / Autonomous Bodies / IISERs / IITs / NITs / IIITs or any other Centrally Funded Technical Institutions (CFTIs) for same/similar supplies made in the last 3 years.
2. I/We hereby confirm to have offered maximum possible discount, and had also ensured that the quoted prices are competitive, fair and reasonable in line with the prevailing market rates or industry standards.
3. A list of our three recent supplies for same/similar item(s) is provided below:

| SN | Customer Name | Purchase Order No. & Date | Description of Item | Quantity | Unit Price |
|----|---------------|---------------------------|---------------------|----------|------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |

4. I/We hereby certify that we have not indulged in any price manipulation or cartelization in this bidding process.
5. I/We undertake that if it is found at any stage that the same/similar item(s) were supplied by us to any other Government Organisations / PSUs / Autonomous Bodies / IISERs / IITs / NITs / IIITs or any other CFTIs at a lower price, IISER Pune at its sole discretion, may invoke remedial measure(s): either any one of the below or any combination thereof:
 - i. Demand refunds for the price difference.
 - ii. Cancel the current purchase order.
 - iii. Debar us from participating in future tenders.
 - iv. Initiate legal action for any discrepancies.

For [Bidder's Name]

Authorized Signatory,
Name & Designation:
Contact Information:
Company Seal:

Enclosed herewith: Copies of three recent supply orders.

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 |
| | | | | | |