



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान पुणे
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE
IISER/PUR/1650/23
PREBID CLARIFICATION

आइटम विवरण- सरफेस टेन्सियोमीटर की खरीद
Item Description- Procurement of Surface Tensiometer

सरफेस टेन्सियोमीटर की खरीद के लिए 14/07/2025 को संस्थान की वेबसाइट www.iiserpune.ac.in और CPP पोर्टल पर प्रकाशित एक खुली निविदा देखें।

Refer to an open tender published on the Institute website www.iiserpune.ac.in and on the CPP Portal Dated 14/07/2025 for procurement of Surface Tensiometer.

प्री-बिड मीटिंग 22/07/2025 को शाम 3.00 बजे आयोजित की गई और बैठक का कार्यवृत्त निम्नानुसार है:
Pre-Bid meeting was held on 22/07/2025 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 (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 Sr. 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 CPP 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.

22/07/2025
22/07/2025

Sd/-
वरि. सहायक कुलसचिव (भंडारण एवं क्रय)
Sr. 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>Force Tensiometer for automatic measurements Point No. 3: Balance load capacity & Features: 50 g, the internal balance of the Tensiometer must be from a reputed manufacturer with 3-years warranty and Balance resolution: 100 µg or better (e.g. Mettler, Sartorius, Kern, Ohaus or A&D to ensure a good stability and serviceability)</p> <p><i>We request you to amend above point as (e.g. Mettler, Sartorius, Kern, Ohaus or A&D <u>or</u> equivalent to ensure a good stability and serviceability)</i></p>	<p>Point 3: with help of ISO certifications etc., we can try to define the equivalence It's amended as follows: 50 g, the internal balance of the Tensiometer must be from a reputed manufacturer with 3-years warranty and Balance resolution: 100 µg or better (e.g. Mettler, Sartorius, Kern, Ohaus or A&D or equivalent to ensure a good stability and serviceability) - <i>Balance Manufacturer should have ISO 9000 certificate and the brand name of manufacturer should be disclosed along with the certificate in the bid.</i></p> <p>Action: Amendment has been made in specification.</p>
02	<p>Point No 4: 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 (In built display for local control of the instrument. The computer connectivity is also required)</p> <p><i>Our Instrument does not have touch operation, but in-built display is available and LCD display all the information of data and real-time weight, temperature, current situation in PC/Laptop</i> <i>We request you to remove word touch/push operation and storage of 500 measurement data</i></p>	<p>Point 4: The standalone instrument must be operational without the need of any PC for at least for the single surface and interfacial tension measurements. In this regard, display along with In-built controller through soft keys by touch/push operation to program is very much needed. <i>Storage of data on the standalone instrument is highly essential and instruments are available for storage of data for more than 500 measurements.</i></p> <p>Action: No amendment in the specifications</p>
03	<p>Point No 6: Electrically driven using servo motor with provision for manual measurements. Serial RS232/ USB In-built level bubble with adjustable feet</p> <p><i>Our Instrument will be supplied with Bubble lever. Level will be adjusted with adjustable feet at the time of installation. We request you to remove word "IN-BUILT"</i></p>	<p>Point 6: In-built bubble leveler is must so as to confirm the minor movement or push at any time for better accuracy, uniformity and safety. This most basic required feature that is available with instruments.</p> <p>Action: No amendment in the specifications.</p>
04	<p>Balance load capacity & features 50g, the internal balance of the Tensiometer must be from Reputed manufacturers e.g. Sartorius or Mettler Balance resolution: 100 µg</p>	<p>Balance load capacity & features 50 g, the internal balance of the Tensiometer must be from a reputed manufacturer with 3-years warranty and Balance resolution: 100 µg 50 g, the internal balance of the Tensiometer must be from a reputed manufacturer with 3-years warranty and Balance resolution: 100 µg or better (e.g. Mettler, Sartorius, Kern, Ohaus or A&D or equivalent to ensure a good stability and serviceability) - <i>Balance Manufacturer should have ISO 9000 certificate along with the manufacture brand name should be disclosed.</i></p>

		Action: Amendment has been made in specification.
05	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 <i>This is not an important point so its marks have to be reduced from 18 to 5 for the technical evaluation.</i>	Control & Display: <i>The standalone instrument must be operational without the need of any PC for at least for single surface and interfacial tension measurements. In this regard, display along with In-built controller through soft keys by touch/push operation to program must needed.</i> Instruments are available for Storage of data on the standalone instrument is highly essential and instruments are available for storage of data for more than 500 measurements. Action: No amendment in the specifications.
06	Measuring chamber Illuminated sample platform with windshield	Measuring chamber Illuminated sample platform with windshield Windshield is must for stability and accurate readings. Action: No amendment in the specifications
07	Platform movement ≥ 60 mm (or above or higher is preferable for ease of handling)	Platform movement Higher up sample stage (space) is required for the easy exchange of samples vessels of different sizes (small to large) Action: No amendment in the specifications
08	Battery and Power Supply In-built rechargeable battery 230V +/- 10%, 50Hz ± 1	Battery and Power Supply There is no such specification mentioned or requirement in the tender document.
09	Temperature control system: Working Temperature Range for measurement (-)10 °C to (+) 100 °C, 0-90 °C sample temperature, with suitable thermostable jacket (SS) with integrated stirrer, temp sensor. Pressurized equipment (freezing point)	Temperature control system: <i>The measurement at lower temperature in different solvents is must for the research. Feature is commonly available.</i> Action: No amendment in the specifications
10	Chipset Series: Intel Q Series Chipset series may vary as it will depend on the availability. Total SSD Capacity (GB): 512, 1024 Please confirm whether the required SSD capacity will be 512 GB or 1024 GB. Total HDD Capacity (GB): 1000, 2000 Please confirm whether the required HDD capacity will be 1000 GB or 2000 GB. RAM Size (GB): 16, 32 Please confirm whether the RAM size will be 16 GB or 32 GB.	Chipset that is in current use (i5) may be offered that is suitable for the instrument. i5 may be preferred. Total SSD Capacity: 512 GB OR Total HDD Capacity: 1000 GB is sufficient (either one of them). SSD (512 GB) is preferred. RAM Size: 16 GB is sufficient Action: Amendment has been in the specifications