



## भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान पुणे

### INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE PREBID CLARIFICATION ON GeM TENDER NUMBER - GEM/2025/B/6990180 (IISER/PUR/1576/25)

आइटम विवरण- अतिचालक चुंबक और सहायक उपकरणों की खरीद

**Item Description- Procurement of Superconducting Magnet and Accessories**

सुपरकंडक्टिंग मैग्नेट और सहायक उपकरणों की खरीद के लिए संस्थान की वेबसाइट [www.iiserpune.ac.in](http://www.iiserpune.ac.in) और GeM पोर्टल पर 17/12/2025 को प्रकाशित खुली निविदा का संदर्भ लें।

Refer to an open tender published on the Institute website [www.iiserpune.ac.in](http://www.iiserpune.ac.in) and on the GeM Portal on 17/12/2025 for procurement of Superconducting Magnet and Accessories.

प्री-बिड मीटिंग 24/12/2025 को शाम 3.00 बजे आयोजित की गई और बैठक का कार्यवृत्त निम्नानुसार है:

Pre-Bid meeting was held on 24/12/2025 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 (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 प्रीबिड 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](http://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](http://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.

26/12/2025

**Sd/-**

वरिष्ठ सहायक कुलसचिव (भंडारण एवं क्रय)

Senior Assistant Registrar (S&P)

TECHNICAL AND COMMERCIAL QUERIES AND CLARIFICATION**PRE-BID CONFERENCE FOR ITEM DESCRIPTION- PROCUREMENT OF SUPERCONDUCTING MAGNET AND ACCESSORIES**

S. No.	Query/Clarification Sought	Clarification / Amendment
1.	<b>Extra Horizontal Field Configuration:</b> Kindly clarify the meaning and scope of the term “extra horizontal field configuration” as mentioned in the technical specifications	Clarification: Vertical field configuration is mandatory. Horizontal field configuration is optional i.e. the possibility that superconducting magnet provided by the vendor can be oriented such that a horizontal field is available, is optional.
2.	<p><b>Field Homogeneity Definition:</b> Please clarify whether the specified 99.9% field homogeneity over a 10 mm diameter volume corresponds to the standard definition of <math>\pm 0.1\%</math> homogeneity over a 1 cm Diameter Spherical Volume (DSV). If not, kindly specify the exact definition and evaluation methodology adopted.</p> <p><b>Related query:</b> We have 0.1% over 10mm DSV , is that acceptable .</p>	Accepted. It means the standard definition i.e. $\pm 0.1\%$ homogeneity over a 1 cm Diameter Spherical Volume (DSV).
3.	<p><b>Temperature Monitor, Controller, and Cernox Sensor:</b> The technical specifications mandate a temperature monitor and controller unit, along with one additional calibrated Cernox temperature sensor, for evaluation purposes.</p> <p>Considering that the magnet is a <b>room-temperature bore design</b>, where such components are not typically integral to the magnet system, kindly confirm whether these items may be accepted as <b>accessories</b> rather than core components of the magnet system. For your information, a <b>temperature monitor is already provided with the system.</b></p>	A separate temperature controller unit with an additional calibrated Cernox sensor is required, along with the system, as accessories to the system. This is in addition to the already present temperature monitor with the system.

4.	<p><b>Multi-Axis Teslameter (Vector Hall Probe):</b> Kindly clarify whether the requirement for a multi-axis Teslameter (vector Hall probe) can be fulfilled by providing a commercially available optional accessory, given that the magnet is factory characterized.</p>	<p>A separate multi-axis teslameter (vector Hall probe) must be provided as an accessory to the system, along with the suitable magnetic field probe(s) capable of:</p> <ol style="list-style-type: none"> <li>1) measuring at least 9 T magnetic field (axial and transverse) with precision of 300<math>\mu</math>T or better</li> <li>2) measuring small magnetic field (axial and transverse) such as 35 mT with 0.5 <math>\mu</math>T precision or better</li> <li>3) Accuracy of field required: <math>\pm 0.4</math> % of the reading (axial and transverse), or better for the DC field measurement</li> </ol>
5.	<p>Central Field: 9.0 T (minimum) in room-temperature clear bore of 50 mm diameter [Vertical configuration of field mandatory, Extra horizontal configuration optional]</p> <p>Technical Query : We would like to enquire that since the mentioned application and asked is 9T in RT clear bore of 50mm , what should be the stray field that we are suppose to offer . We have standard spec of 5Gauss line : z = 1.9m and r = 1.5m &amp; 50 Gauss line : z = 0.9m and r =0.7m. We have our magnet coils which are vacuum-impregnated with epoxy resin to form the composite structure. Is this acceptable and can this be included in the specifications ?</p>	Accepted
6.	Would you be requiring a switch connected across all sections to enable operation in the superconducting persistent mode.	Yes. Specification amended to: persistent switch mandatorily needed, to enable operation in superconducting persistent mode.
7.	Technical Query : We have typically cryocooler base temperature < 4K	Accepted. Specification amended to Cryocooler base temperature <4 K
8.	<p>What would be software compatibility for the offered system ?</p> <p>We have our system consisting of superconducting magnet, cryostat , magnet power supply &amp; computer with LAB VIEW operating software , cryocooler , compressor ,</p>	Acceptable. Specification amended to: The system must be computer controllable using standard SCPI commands for remote control over interfaces like USB, LAN, or GPIB. A manual must be provided detailing the commands for the

	temperature monitor and HTS current leads . Is this acceptable .	power supply/system control. Optionally, a LabVIEW program may be provided along with.
9.	<p>System integration, installation and testing required .</p> <p>Technical Query : Since this a customised requirement and has the cryocooler which has a maintenance interval of 30,000-40,000 working hours, would you be requiring the support for the cold head and compressor locally from local trained engineers. Also since this a customised requirement, would you be requiring any performance &amp; feedback review of the existing users.</p>	<p>Specification prevails: System integration, installation and testing required.</p>

**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 country, 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 be given on company's letter head)

Date:

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
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 <b>as per GeM bid</b>	Specifications quoted by <b>bidder</b>	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