



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/5638717  
Dated/दिनांक : 28-11-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	19-12-2024 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	19-12-2024 11:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Earth Sciences
Department Name/विभाग का नाम	Department Of Earth Sciences
Organisation Name/संगठन का नाम	National Centre For Antarctic And Ocean Research (ncaor)
Office Name/कार्यालय का नाम	Goa
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Fire Assay Furnace
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	FIRE ASSAY FURNACE
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Furnace Roller, Muffle Furnace, Tubular Furnace, Immunoassay Reagents kits, Portable Fire Extinguishers (V2) as per IS 15683:2018, Immunofluorescence Assay Kits, Line Probe Assay DNA Extraction Kit under NTEP, Benchtop Thermocouple Calibration Furnace (High Temperature Thermocouple Calibration Furnace)/Portable Calibration Furnace, Automatic Fire Ball for Fire - Extinguishing, Coke - Blast Furnace (RINL)
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"><li>• Tubular Furnace</li><li>• Muffle Furnace</li><li>• Benchtop Thermocouple Calibration Furnace (High Temperature Thermocouple Calibration Furnace)/Portable Calibration Furnace</li></ul>
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No

<b>Bid Details/बिड विवरण</b>	
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	OEM Authorization Certificate, Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
<b>Do you want to show documents uploaded by bidders to all bidders participated in bid?/</b>	Yes
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	No
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	3 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation
<b>Arbitration Clause</b>	No
<b>Mediation Clause</b>	No

#### **EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	40000

#### **ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	14

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

**Beneficiary/लभार्थी :**

Director, NCPOR

If Offline Bid Security or Performance Security (as per Beneficiary name & Bank Details), the Original document is to be delivered to The National Centre for Polar and Ocean Research (NCPOR), Ministry of Earth Sciences, Headland Sada, Vasco Da Gama, South-Goa, Goa 403804. (as per the timeline stipulated by GeM GTC) (Director)

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

2. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

**Fire Assay Furnace ( 1 set )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/कमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

## Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	<a href="#">Download</a>
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## Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Pradeep Kumar Singh	403804, Director National Centre for Antarctic Ocean Research Headland Sada, Vasco-da-gama,	1	45

## Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

### 1. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

### 2. Warranty

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

### 3. Generic

**Manufacturer Authorization:** Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

### 4. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

If Offline Performance Security (as per Beneficiary name & Bank Details), the Original document is to be delivered to The National Centre for Polar and Ocean Research (NCPOR), Ministry of Earth Sciences, Headland Sada, Vasco Da Gama, South-Goa, Goa 403804. (as per the timeline stipulated by GeM GTC)

(i) Bidders to provide compliance on All Technical Specifications & provide Product Catlog/Data Sheet of the product

(s) offered in the bid.

(ii) Product Catalog/Data Sheet of the product(s) offered in the bid are to be uploaded along with the bid documents . Buyers can match and verify the Product Catalog/Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

(iii) Performance Security/Guarantee - As per Buyer & Banking details in Bid and GeM General Terms & conditions, the Online PBG or Offline PBG must be submitted by Seller to the Buyer within 15 days of award of contract on GeM. The payments to the seller shall become due only after receipt of Performance Bank Guarantee by the Buyer and verification of its genuineness. No interest shall be payable upon the Performance Bank Guarantee.

(iv) If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Bank Guarantee furnished by the Seller.

(V) BIDDER DETAILS FORM (attached in ATC) to be filled and submitted by all the bidders.

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#### 5. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

#### 6. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Director, National Centre for Polar and Ocean Research  
payable at  
SBI Commercial Branch, VASCO

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 7. **Forms of EMD and PBG**

Bidders can also submit the EMD with Banker's Cheque in favour of

Director, National Centre for Polar and Ocean Research  
payable at  
SBI Commercial Branch, VASCO

Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 8. **Forms of EMD and PBG**

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

The Director, National Centre for Polar and Ocean Research  
Account No.  
10153336180  
IFSC Code  
SBIN0004116  
Bank Name  
State Bank of India  
Branch address  
SBI Commercial Branch, VIDHYA DHIRAJ BHAVANF L GOMES RD, GOA PIN-403802

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

## 9. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

Director, National Centre for Polar and Ocean Research  
payable at  
SBI Commercial Branch, VASCO

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the Buyer within 15 days of award of contract.

## 10. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

The Director, National Centre for Polar and Ocean Research

Account No.

10153336180

IFSC Code

SBIN0004116

Bank Name

State Bank of India

Branch address

SBI Commercial Branch, VIDHYA DHIRAJ BHAVANF L GOMES RD, GOA PIN-403802

. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

## 11. Past Project Experience

**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

## 12. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

## 13. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

## Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of

bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

**Procurement of Fire Assay Furnace – Qty 01 No.**

<b>Sr. No.</b>	<b>Item Specifications</b>	<b>Complied/ Not Complied</b>	<b>Remarks (if any)</b>
A	<b>Fire Assay Furnace Qty: 01 No.</b> Brand: Model:		
1	<b>Physical:</b> i) Inner Diameters: 24” W (+/-1”) X 24” Deep (+/-1”) X 12” Ht. (+/-1”) ii) Outer Diameters: 44” W (+/-1”) X 40” Deep (incl. door) (+/-1”) X 34” HT. (+/-1”) iii) The furnace shall require a stand of minimum 30” height to obtain a working height of 40” above ground level. iv) The furnace should have heavy-duty wheels for easy movement to the lab.		
2	<b>Rating of Furnace:</b> i) Power rating: > 18 KW and 3 PHASE ii) Operating Voltage: 380 - 415V		
3	<b>Construction:</b> i) Furnace Structure material: mild steel ii) Outer casing material (excluding the door): 18 SWG Stainless steel sheet iii) Front door: ≥ 3mm made with Stainless steel sheet, iv) Front collar plate: ≥ 6mm made with Stainless steel plate.		
4	<b>Insulation:</b> i) <u>Furnace lining</u> a) Outermost layer: ≥ 2” thick Calcium silicate board, b) The second layer: ≥ 2” thick ceramic wool of minimum 1280°C grade and minimum 128 kg per cu. mt. density c) The innermost layer: ≥ 2” thick ceramic wool of 1425°C grade. ii) Heating element: Silicon carbide (vertically from top to bottom on either side) with minimum 2” protection iii) Rod Insulation: Should be from all sides iv) Insulation in the door: Inside the furnace, the insulation thickness should be minimum 50mm. v) Metal-to-metal contact: asbestos tape. vi) Door Insulation: ≥ 6” high-density ceramic board to prevent heat loss.		



5	<p><b>Heating Elements:</b></p> <ul style="list-style-type: none"> <li>i) Heating elements: <b>SILICON CARBIDE ROD</b></li> <li>ii) Dimensions of heating elements: Diameter - <math>\geq 18</math> mm x minimum 300 mm heating length x minimum 800 mm total length</li> <li>iii) Rods: minimum 18 rods (9 nos. on each side at a pitch of minimum 2.5”).</li> <li>iv) Heating rod should be replaceable</li> <li>v) Surface loading of the rods: &lt; 5 Watts per sq. cm</li> </ul>		
6	<p><b>Door Assembly:</b></p> <ul style="list-style-type: none"> <li>i) Motorised insulated door: sliding up and down with counter balance.</li> <li>ii) The collar of the furnace: Guides provided on the sides to guide the door to open.</li> <li>iii) Sensor and actuators: remotely operated door and limit switches for door up and down operation.</li> </ul>		
7	<p><b>Hearth Plate:</b></p> <ul style="list-style-type: none"> <li>i) Refractory hearth plate: <math>\geq 16</math> mm thick</li> </ul>		
8	<p><b>Terminals:</b></p> <ul style="list-style-type: none"> <li>i) Terminals of the elements: rod-type (insulated from the casing with ceramic bushes to avoid contact with the metal casing)</li> </ul>		
9	<p><b>Transformer Rating:</b></p> <ul style="list-style-type: none"> <li>i) Rating: 3 phases (input 400V and 3 phase and an output of two tappings of 120V, with 80 amps current per phase)</li> <li>ii) Input Current: 40 amps per phase</li> <li>iii) Total transformer (3 phase): <b>24 kV.</b></li> </ul>		
10	<p><b>Control Panel:</b></p> <p>A self-standing panel in completely wired condition should be installed with the following components:</p> <ul style="list-style-type: none"> <li>i) PID Temperature controller of reputed make.</li> <li>ii) 1 no's phase angle thyristor (3 phase)</li> <li>iii) Contactor of 70 amps rating</li> <li>iv) Blind controller to avoid overshoot of temperature</li> <li>v) VAF Meter to show the current and voltage.</li> <li>vi) Safety contactor for the bottom zone.</li> <li>vii) Incoming and outgoing terminals.</li> <li>viii) Type “R” Thermocouples with lead wire.</li> </ul>		
11	<b>Maximum Temperature:</b> 1450 Degree Centigrade		
12	<b>Maximum Operating Temperature:</b> 1400 Degree		

13	<p><b>Gas Removal Device:</b></p> <ul style="list-style-type: none"> <li>i) <b>Wet scrubber:</b> To efficiently (99%) remove and neutralize toxic gases, vapor by-products, and fumes generated during the operation, are drawn and thrown after cooling and purification to the external atmosphere.</li> <li>ii) The lead fumes shall be collected in the water, and the same can be disposed off.</li> <li>iii) The Scrubber includes the following: <ul style="list-style-type: none"> <li>a) Scrubber, Vertical support structures, packing material, ductwork of scrubber (downstream from scrubber), blowers, liquid scrubbing tank, Scrubbing liquor, necessary piping, motors, controls, exhaust stack, rain cap, and essential accessories.</li> <li>b) Motor &amp; Blower: A suitable motor and Blower of reputed company with Variable frequency drive (VFD) for varying flow rate. It must be possible to engage the blower without engaging the scrubber.</li> <li>c) The scrubber unit and blower should be vibration-free so that the heating element is not damaged.</li> <li>d) The furnace shall have one set of Silicon carbide rods (minimum 18 nos.) with clamps as spares and one no. Type R thermocouple and minimum 1 set of fuses.</li> </ul> </li> </ul>		
14	<p><b>Accessories: (For Fire Assay Furnace)</b></p> <ul style="list-style-type: none"> <li>i) <b>Graphite crucibles:</b>120mm top OD X 90mm Top ID X 125 mm height X 75 mm bottom OD: <b>1000 nos. (non-reusable)</b></li> <li>ii) <b>Specially fabricated, Lightweight Tong</b> (SS make) of 40” length with wooden handles (2 sets) for removing the graphite crucibles.</li> <li>iii) <b>Cast iron moulds</b> of 75mm TOP dia. X 60mm bottom dia. x 80 mm height for pouring the molten material. <b>(20 nos.)</b></li> <li>iv) A heavy-duty table with ~25 slots for holding the above cast iron moulds for easy pouring after melting in the furnace. The table size shall be 30” x 30” with a height of 35” and shall be provided with rollers.</li> </ul>		

	<p>v) A heavy-duty crucible loading system to load a minimum of 16 crucibles at a time with slots to hold the crucibles made from SS 304 strips a minimum of 8 mm thick. A hydraulic jack should be provided to ensure the smooth lifting of the crucibles from the sample preparation table to be placed inside the furnace. The loading system size shall be 30" x 30" with a height of 30" and shall be provided with rollers.</p> <p>vi) Required PPE kit for the safety handling.</p>		
<b>B</b>	Supply, Installation, Testing & Commissioning at National Centre for Polar and Ocean Research, Goa, India.		
<b>C</b>	An authorization letter from the manufacturer/OEM self declaration should be provided with the tender.		
<b>D</b>	The Bidder/OEM should have prior experience in the supply of similar products to the Central/State government/PSU/Any Reputed Organization in the past 5 years ending Oct 2024. Provide supply orders, order completion certificates as valid proof for meeting the experience criteria.		
<b>E</b>	Operating Manual: 02 Set of Operating manual to be supplied. (Language: English)		
<b>F</b>	Warranty: Minimum 01 Year standard on-site Warranty.		
<b>G</b>	Delivery Period - 45 days		

**\*\* Please note:** Bidders to submit compliance on all the mentioned points along with the requested detailed specifications and supporting brochure for the Quoted/Offered item. Signed & sealed on each page.

## **BIDDER DETAILS FORMAT**

(Mandatory details to be submitted along with the Bid Documents)

<b>A</b>		<b>Company Information of the Bidder/Service Provider:</b>
<b>1</b>	<b>Company Name in full as per GeM:</b>	
<b>2</b>	<b>Address in full as per GeM:</b>	
<b>3</b>	<b>Contact Name &amp;No.:</b> 1) Primary 2) Secondary	
<b>4</b>	<b>Email id:</b> 1) Primary 2) Secondary	
<b>5</b>	<b>GST No.</b>	
<b>B</b>		<b>Bank Information of the Bidder/Service Provider:</b>
<b>1</b>	<b>Bank Account Number:</b>	
<b>2</b>	<b>Bank Account Type:</b> Savings/Current Account.	
<b>3</b>	<b>Name of the Beneficiary Bank Account as registered in GeM:</b>	
<b>4</b>	<b>Bank name in full:</b>	
<b>5</b>	<b>Bank Branch &amp; Address:</b>	
<b>6</b>	<b>IFSC Code:</b>	

[Signature with date, name and designation]

for and on behalf of M/s \_\_\_\_\_

[Seal of company]