



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/5661709
Dated/दिनांक : 06-12-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	27-12-2024 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	27-12-2024 18:30:00
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	Cupellation Furnace
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	Cupellation Furnace
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Furnace Roller, Muffle Furnace, Tubular Furnace, Benchtop Thermocouple Calibration Furnace (High Temperature Thermocouple Calibration Furnace)/Portable Calibration Furnace, Coke - Blast Furnace (RINL), HIGH TEMPERATURE FURNACE WITH GAS (PROGRAMMABLE DUAL ZONE / SLIDING TUBE FURNACE) FACILITY, Metallurgical Coke for Blast Furnace (SAIL), Alumina Beam type Brick for Sinter Machine Furnace, Ground Granulated Blast Furnace Slag as per IS 16714, Atomic Absorption Spectrophotometer (AAS)
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none">Furnace RollerTubular FurnaceMuffle Furnace
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
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	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

Bid Details/बिड विवरण

Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	3 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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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 & 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/लाभार्थी :

Director

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) (Director, Ncpor)

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. 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.

Cupellation Furnace (1 set)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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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**

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

The 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 original DD to the Buyer within 15 days of award of contract.

7. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

The Director, National Centre for Polar and Ocean Research
A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

8. **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.

9. **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.

10. **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.

11. **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 Cupellation Furnace – Qty 01 No.

Sr. No.	Item Specifications	Complied/ Not Complied	Remarks (if any)
A	Cupellation Furnace Qty: 01 No. Brand: Model:		
1	Physical: i) Inner Size: 300 mm W (+/-10mm) X 200 mm Ht. (+/-10mm) X 300 mm Deep (+/-10mm) ii) Outer Size: 750 mm W(+/-10mm) X 600 mm Ht. (+/-10mm) X 750 mm deep (incl. Door). (+/-10mm)		
2	Rating of Furnace: i) Power rating: Above 9 KW ii) Operating Voltage: 400V, 3-Phase		
3	Insulation: i) Number of layers: 3 layered insulations a) Outermost layer: ceramic wool b) The second layer: ≥ 2” thick ceramic board of minimum 1280°C grade c) The innermost layer: ≥ 2” thick ceramic board of minimum 1425°C grade. ii) Temperature of furnace skin: < 30°C above ambient under a regular operation temperature of a minimum of 1225°C iii) Front collar insulation: ≥ 100 mm thick		
4	Construction: i) Furnace Structure: mild steel ii) Outer casing excluding the door: 18 SWG Stainless steel sheet iii) Front door: minimum 3mm Stainless steel sheet iv) Paint: heat-resisting Aluminium paint v) Heating element replacement: back side of the furnace.		
5	Heating Elements: i) Heating elements: Kanthal A1 wire with high-density ceramic board of 1425°C grade, and the same shall be held in place using high-temperature imported cement ii) Intermittent: operating temperature of minimum 1150°C - 1200°C, and minimum 1150 continuously iii) Heating rod: replaceable iv) Surface loading of the rods: lower than 5 Watts per sq. cm		

6	<p>Control Panel:</p> <p>i) The furnace shall be provided with a control panel in fully wired condition, installing the following:</p> <p>a) 1 No. Programmable Controller with eight ramps and soaks input any sensor configurable.</p> <p>b) 3-phase Solid state relay for controlling with an accuracy of +/-1°C.</p> <p>c) Contactor of adequate rating for the above load.</p> <p>d) Type K (Cr/Al) Thermocouple: 1 No</p> <p>e) Incoming and outgoing terminals and indication lamps.</p> <p>f) Four pole MCB of adequate rating.</p> <p>ii) The panel shall be mounted on the Bottom of the furnace.</p>		
B	Supply, Installation, Testing & Commissioning at National Centre for Polar and Ocean Research, Goa, India.		
C	An authorization letter from the manufacturer/OEM self-declaration should be provided with the tender.		
D	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.		
E	Operating Manual: 02 Set of Operating manual to be supplied. (Language: English)		
F	Warranty: Minimum 01 Year standard on-site Warranty.		
G	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)

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

[Signature with date, name and designation]

for and on behalf of M/s _____

[Seal of company]