



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2023/B/3543428  
Dated/दिनांक : 09-06-2023

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	03-07-2023 10:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	03-07-2023 10:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	60 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Earth Sciences
Department Name/विभाग का नाम	Na
Organisation Name/संगठन का नाम	National Centre For Antarctic And Ocean Research (ncaor)
Office Name/कार्यालय का नाम	Goa
Total Quantity/कुल मात्रा	2
Item Category/मद केटेगरी	Water Quality Meters / Analyzers (Q3)
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	Additional Doc 1 (Requested in ATC) *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 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	4 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

### EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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### ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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### Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

### 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 to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

### Water Quality Meters / Analyzers ( 2 pieces )

#### Technical Specifications/तकनीकी विशिष्टियाँ

\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
TYPE / NOMENCLATURE / PROTECTION	Type of Meter / Analyzer	Handheld
	Functional nomenclature	Multi Parameter Water Quality Analyzer

Specification	Specification Name/विशिष्ट का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	<b>Ingress Protection (Main Unit)</b>	IP 55, IP 56, IP 57, IP 65, IP 66, IP 67, IP 68, NA being Bench Top, NA, IP 51
	<b>Calibration</b>	Manual, Automatic
MEASURED WATER QUALITY PARAMETERS	<b>Dissolved Oxygen (DO)</b>	Yes, No
	<b>DO % Saturation</b>	Yes, No
	<b>Conductivity</b>	Yes
	<b>Resistivity</b>	Yes, No
	<b>Salinity</b>	Yes
	<b>Total Dissolved Solids (TDS)</b>	Yes
	<b>pH</b>	Yes
	<b>Oxidation Reduction Potential (ORP)</b>	Yes
	<b>Ammonium</b>	Yes, No
	<b>Nitrate</b>	Yes, No
	<b>Chloride</b>	Yes, No
	<b>Turbidity</b>	Yes, No
	<b>Depth</b>	Yes, No
	<b>Temperature</b>	Yes, No
<b>Atmospheric Pressure</b>	Yes, No	
MEASUREMENT OF CONDUCTIVITY (EC)	Sensor/ Probe/Electrode Type	2 Cell Electrode
	Measurement Range ( in $\mu\text{S}/\text{cm}$ )	0-2000
	Resolution ( in mho or $\mu\text{S}/\text{cm}$ )	0.1
MEASUREMENT OF SALINITY	Measurement Range ( in parts per thousand or g/l or PSU)	0-100
MEASUREMENT OF TOTAL DISSOLVED SOLIDS (TDS)	TDS Measurement Range ( in parts per thousand or g/l )	0-100
	Resolution ( in g/l )	0.1
MEASUREMENT OF pH	pH measurement principle	Electro chemical
	Sensor / Probe / Electrode Type	Glass Electrode
	Number of Sensors / Electrodes	Single Electrode
	pH Measurement Range	0-14
MEASUREMENT OF OXIDATION REDUCTION POTENTIAL (ORP)	ORP measurement principle	Electro chemical
	Lowest Measurement Value for ORP (in mV )	-1000
	Highest Measurement Value for ORP (in mV )	1000

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
MEASUREMENT OF TEMPERATURE	Lowest Measurement Value for Temperature (°C)	0
	Highest Measurement Value for Temperature (°C)	90
	Resolution (°C)	0.1
DISPLAY / STORAGE	Type of Display	LCD with Backlight
	Number of Digits in Display	3.5
	Number of parameters displayed simultaneously	1
POWER SOURCE	Power Source	Alkaline Batteries (Non-Rechargeable)
GENERIC	Armour housing of Sensor / Probe	Plastic
OPERATING CONDITIONS	Minimum Operating Temperature	0.0 (degree Celsius)
	Maximum Operating Temperature	50.0 (degree Celsius)
CERTIFICATION	<b>Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification</b>	Yes, No

#### Additional Specification Parameters - Water Quality Meters / Analyzers ( 2 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
(1)Temperature Specifications for Conductivity: (2)Specifications for Salinity: Resolution:	(1)Temperature Specifications for Conductivity:;; Accuracy: 1% (2)Specifications for Salinity: Resolution: 1 PSU; Accuracy: 2%
(1)Specifications for Total dissolved solids (TDS): (2)Specifications for pH: Resolution: 0.01; Accuracy:	(1)Specifications for Total dissolved solids (TDS): PSU Accuracy: 2% (2)Specifications for pH: Resolution: 0.01; Accuracy: 0.01%
(1)Specifications for Oxidation Reduction Potential (ORP): (2)Specifications for temperature:	(1)Specifications for Oxidation Reduction Potential (ORP): Resolution: ±1 mV; Accuracy: 2% (2)Specifications for temperature: Accuracy: 1%

Specification Parameter Name	Bid Requirement (Allowed Values)
(1)Sensor probe: (2)Battery life:	(1)Sensor probe: Resistance temperature detector (2)Battery life: 1000 hours
(1)Weight: (2)Operating Manual:	(1)Weight: Should be lightweight (2)Operating Manual: Yes

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**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,	2	30

**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) : Only supply of Goods

**2. Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

- (i) The Bidder has to upload catalouge/brouchure of the offered product.
- (ii) Detailed compliance on the bid technical specifications and buyer added additional specification parameters to be uploaded.
- (iii) The Bidders to provide basic details sought in Buyer Added Specific ATC.

**3. Buyer Added Bid Specific ATC**

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

**4. Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

**5. 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.

## 6. **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

## 7. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

## 8. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

## 9. **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.

## 10. **Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

## **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. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

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.
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---**