

Bid Document

Bid Details	
Bid End Date/Time	28-05-2022 17:00:00
Bid Opening Date/Time	28-05-2022 17:30:00
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Ministry Of Earth Sciences
Department Name	Na
Organisation Name	National Centre For Antarctic And Ocean Research (ncaor)
Office Name	Goa
Total Quantity	2
Item Category	Live Remote Temperature & Humidity Monitoring and Alert System (Q3)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),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 to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
----------	----

ePBG Detail

Required	No
----------	----

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	No
-------------------------	----

MSE Purchase Preference

MSE Purchase Preference	Yes
-------------------------	-----

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.

Live Remote Temperature & Humidity Monitoring And Alert System (2 pieces)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
General	Application of Type of IOT Device	Live Remote Temperature & Humidity Monitoring and Alert System
	Items covered in the System	2.IOT Device for measuring & monitoring of temperature & Humidity
	Activation & Demonstration of the product	Yes, No
	Demonstration Type	onsite, remote, NA
	Number of Years upto which Support is available from OEM/Seller	1
IoT Device	Features of IOT Device	1. To measure, observe and monitor Temperature & Humidity in a real time remotely and send alerts when there is deviation from defined temperature range., 2. Captures the location detail of monitoring unit., 3. User configurable sampling and data reporting frequency

Specification	Specification Name	Bid Requirement (Allowed Values)
	Key components in the IoT device	1. Temperature Sensor, 2. Humidity Sensor, 3. Microcontroller, 4. Communication module, 5. Battery
	Type of Monitoring	Temperature, Humidity
	No Of data readings stored in memory (in Thousand)	1, 1.5, 2
	Sensor type	Internal, External
	Firmware	Operating system based
	Visual display available in the offered product	LED, GRAPHIC
	Warranty on the IOT device (years)	1
Temperature Sensor	Sensitivity(in °C)	± 1
	Temperature Resolution	0.5, 1, NA
	Minimum Operating Temperature(in °C) (Hint: Select "0" if not applicable)	-30.0 - -30.0 Or lower
	Maximum Operating Temperature(in °C) (Hint: Select "0" if not applicable;)	60.0 - 60.0 Or higher
Humidity Sensor	Humidity Range(in % RH) (Hint: Select "0" if not applicable)	0 - 100
	Accuracy (in % RH)	±2
	Sensitivity(in % RH)	±0.1
Communication Module	Communication protocols Supported	2G (quad band), 3G, 4G (LTE), Wi-fi, Bluetooth, NA
Microcontroller	Bit core	4, 8, 16-single, 16-dual, 32-single, 32-dual, 32- tri, 32-quad, NA
	Core processor	8051/52, ARM, FT32, F2MC, MAXQ, MSP, XCORE, NA
	Memory type	MTP
	Memory Size in KB (Hint: Select "0" if not applicable;)	0 - 2048
Battery	Type of Battery	Non-Rechargeable Battery
	Number of Batteries	1, 2, 3, 4, 5, NA
	Chemistry of Battery	Alkaline
	Capacity of Battery (in mAh) (Hint: Select "0" if not applicable;)	0 - 6000

Specification	Specification Name	Bid Requirement (Allowed Values)
	Minimum Battery Back Up Time (in days) as per standard sampling and data reporting intervals (Hint: Select "0" if not applicable)	0 - 30
SOFTWARE	Deployment Option	In-premise, Cloud, NA
	Features of Software for monitoring/ Reports	1. Graphical User Interface to configure, read, upgrade the device., 2. Software provides access to data , reports of temperature, humidity and location., 3. Admin rights to create and manage devices and users, assign devices to users., 4. Set temperature limits for individual devices for monitoring & alert ., 5. User access to monitor each device and view/ download reports., 6. Create and modify storage locations like warehouse, and subsequent locations., 7. Create and modify Trips if used for transportation .
	Type of Licence	Perpetual, Subscription, NA
	Valid licence copy to be provided	Yes, NA
	Operating system Supported	Window
Generic Features	Format in which GUI Report Available	Excel
	Programmable distinct Alarms for	Low Battery, Deviations in Temperature & Humidity
	Alarm Types	SMS, Mobile Apps, Email, Audio, NA
	Device Configuration modes	Using User Interface programs by physically connecting device to the PC
	Supplied with Comprehensive User manual	Yes

Additional Specification Parameters - Live Remote Temperature & Humidity Monitoring And Alert System (2 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
System Requirement	Debris Moisture Recording Unit (Data logger and Probe) - 02 Nos each. (Main parameters as per specifications listed)
Compatible	Data logger and probe (Probe should be compatible with data logger and connected through detachable cable)
System Sustainability	The complete system should be rugged enough to work in glacierized environment of Himalayan.
Catalog/ Leaflet	Catalog/Leaflet to be submitted for the quoted items.

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Kota Venkateswarlu	403804,Director National Centre for Antarctic Ocean Research Headland Sada, Vasco-da-gama,	2	15

Buyer Added Bid Specific Terms and Conditions

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

3. 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.

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

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

6. 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.

7. Generic

The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.

Applicable Concessional rate of GST : 5%

Notification No.and date : 45/2017 & 47/2017 dated 14/11/2017

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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 specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. 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](#)

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.

---Thank You---