



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/4883745
Dated/दिनांक : 26-04-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	17-05-2024 10:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	17-05-2024 10:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Pmo
Department Name/विभाग का नाम	Department Of Atomic Energy
Organisation Name/संगठन का नाम	Irel (india) Limited
Office Name/कार्यालय का नाम	Ho
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Multiparameter pH or mV or ISE or Temp Meter (Q3)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	1 Lakh (s)
MSE Exemption for Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,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	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value/अनुमानित बिड मूल्य	342200

Bid Details/बिड विवरण**Evaluation Method/मूल्यांकन पद्धति**

Total value wise evaluation

EMD Detail/ईएमडी विवरण

Required/आवश्यकता

No

ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता

No

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

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता

Yes

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. 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. 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. 5. 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.

Multiparameter PH Or MV Or ISE Or Temp Meter (1 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
---------------	------------------------------------	--

Additional Specification Parameters - Multiparameter PH Or MV Or ISE Or Temp Meter (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Sensor Specification: 1) Process pressure 2) Temperature range	1) up to 13 bar 2) up to max. 80 °C
1) pH range 2) output 3) Storage temperature	1) pH 0 to pH 14 2) 4 to 20 mA 3) -5 to +40 °C
1) Protection type 2) Electrode	1) IP 65 2) pH Combination Electrode, Variopin PG 13.5 threaded plug head glass body, gel-filled (non refillable - low maintenance) PTFE junction, KCl-ring
Cable	Variopin-Cable connector stripped ends length 10 m, (NBS-Puffer) 3 x 250 ml Flasche
Transmitter Specification	As per attached in ATC & Drawing attached in (10. Buyer Added Bid Specific ATC)

* 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	G K Chandra Guptan	761045,IREL(India) Limited PO MATIKHALO,CHATRAPUR Ganjam District.	1	90

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

1. 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 %.

2. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- Copy of PAN Card.
- Copy of GSTIN.
- Copy of Cancelled Cheque.
- Copy of EFT Mandate duly certified by Bank.

3. 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.

4. 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

5. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- The Seller fails to comply with any material term of the Contract.
- The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- The Seller becomes bankrupt or goes into liquidation.
- The Seller makes a general assignment for the benefit of creditors.
- A receiver is appointed for any substantial property owned by the Seller.
- The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

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. Turnover

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

8. 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.

9. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Technical Specification:

Sl. No.	<u>Online PH Meter</u>	
1	Application	
	Installation at Chemical Tanks	To be installed at Rare Earths Extraction tank + Hydrochloric acid (pH sensor to be deep inside the tank)
	Temperature	80 to 90 Deg C

Chemical composition	Mixed Hydroxide slurry (Rare earth Hydroxide 51.1% + Thorium Hydroxide 7.5% + Tri sodium Phosphate 1% + Sodium Hydroxide 0.5% + Water 34% + Inert 5.9%) pH is 8.0 + additional of HCL to maintain the pH 2.8 to 3.2
Concentration of HCL	30%
PH	1.0 to 9.0
Dosing	HCL Dosing is required to maintain the Ph 2.8 to 3.2
Sensor Specification	
Process pressure	up to 13 bar
Temperature range	up to max. 80 °C
pH range	pH 0 to pH 14
output	4 to 20 mA
Storage temperature	-5 to +40 °C
Protection type	IP 65
Electrode	pH Combination Electrode, Variopin PG 13.5 threaded plug head glass body, gel-filled (non refillable - low maintenance) PTFE junction, KCl-ring

	Cable	Variopin-Cable connector stripped ends length 10 m
		(NBS-Puffer) 3 x 2 50 ml Flasche
	To be Installed	To be installed at inside the 3.5 mtr tank (pH sensor to be deeped inside the tank) as per drawing Annexure - 1A
Transmitter Specification		
	Cable Length	10 Mtr (Sensor to Transmitter)
	Compensation	Automatic temperature compensation
	Calibration options	1-/2-/3-point calibration
	Calibration range	pH 0 to pH 14
	Protection	IP65 protection
	Input	2 analog inputs
	outputs	1 analog outputs 4-20 MA, 3 relay output and RS 485 Interface
	Accuracy	0.3%
	Key Pad	Calibration through Keypad
	Display	Display Cum adjustment module mounted in Housing

	Controller	<p>pH / Redox / ISE-Controller with display and wall mounting case pH 0..14, - 2000...2000 mV, -10...130 °C 2x free scaleable analogue outputs 0(4)...20 mA, isolated 2x limit relay (floating contact), selectable pulse/analogue PID controller graphic display: OLED, 128 x 64 Pixel, plain text menu USB interface for configuration, calibration and data logger power supply 100...240 VAC aluminium case, IP 65, 160 x 130 x 70 mm (W x H x D) Modbus / RS485 1 x fault relay</p>
	Supervision of Installation and Commissioning	Included

g

Make: " WTW /SI Analytics / Mettler Toledo / Forbes Marshall / Khrono Marshall / ABB / Siemens / Yokogawa / Endress & Hauser " or Equivalent

1) Technical competency: a) The Bidder or its OEM {themselves or through re-seller(s)} should have supplied Online pH meter probe type in last five financial years ending bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company / private organizations. Copies of relevant contracts (providing supply of along with completion proof like tax invoice / CRAC etc to be submitted along with bid in support of quantity supplied.

b) Party should be Original Equipment Manufacturer (OEM) or their authorised representative (Valid Authorisation letter/ certificate are to be submitted along with the offer) otherwise offer shall not be considered.

c) Bidder quoted for Equivalent make shall submit performance certificate from the end user. The performance certificate should be mentioned with name, designation, address, e-mail Id and Phone No etc., offer without performance certificate will be treated as unresponsive and will be rejected.

NB: For MSE bidders, past experience is relaxed. However, bidders have to establish their technical competency by submitting supporting documents towards successful execution of similar supplies for **any value**, failure to which the offer will not be considered for evaluation.

2) Scope of Supply: Supply and Supervision of Installation & Commissioning.

3) Note: As per para 7.3.5 on (Clarification of Bids/Shortfall Documents) of the Manual for Procurement of Goods 2017, issued by Ministry of Finance, Department of Expenditure, During evaluation and comparison of bids, the purchaser may, at his discretion, ask the bidder for clarifications on the bid. The request for clarification shall be given asking the tenderer to respond by a specified date. If the tenderer does not comply or respond by the date, his tender will be liable to be rejected. Depending on the outcome, such tenders are to be ignored or considered further. No change in prices or substance of the bid shall be sought, offered or permitted. No post bid clarification at the initiative of the bidder shall be entertained. **The shortfall information / documents should be sought only in case of historical documents which pre-existed at the time of the tender opening and which have not undergone change since then.** So far as the submission of documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents should be asked for and considered. **For example, if the bidder has submitted a supply order without its completion / performance certificate, the certificate can be asked for and considered. However, no new supply order should be asked for so as to qualify the bidder.**

4) As per section 7.3.1 of Manuals for procurement of Goods, the offer shall be declared as unresponsive and be ignored during the initial scrutiny if:

- i) The offer is not in the prescribed format or is unsigned or not signed as per the stipulations in the bidding document.
- ii) The required EMD has not been provided or exemption from EMD is claimed without acceptable proof of exemption;
- iii) The bidder is not eligible to participate in the bid as per laid down eligibility criteria (example: the tender enquiry condition says that the bidder has to be a registered MSE unit but the tenderer is a, say, a large scale unit);
- iv) The tenderer has quoted for goods manufactured by a different firm without the required authority letter from the proposed manufacturer.
- v) The bid departs from the essential requirements specified in the bidding document (for example, the tenderer has not agreed to give the required performance security); or
- vi) Against a schedule in the list of requirements in the tender enquiry, the tenderer has not quoted for the entire requirement as specified in that schedule (example: in a schedule, it has been stipulated that the tenderer will supply the equipment, install and commission it and also train the purchaser's operators for operating the equipment. The tenderer has, however, quoted only for supply of the equipment).

5) Payment Terms (As per GEM GTC) i.e. 100% payment will be released within ten (10) days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills.

- 6) i) Pre-Qualification Criteria can be relaxed as per prevailing norms for MSEs, MII and Startup companies subject to meeting quality and technical specification.
- ii) For MSE bidders and start-ups as recognised by DPIIT (Department for Promotion of Industry and Internal Trade)
- ii. a) EMD is exempted as per EMD exemption clause available in GEM bid and GEM General T&C.
- ii. b) Turnover is exempted as specified in the bid.
- ii. c) Purchase Preference is given as specified in bid.
- 7) Offers from vendors defaulted to IREL (India) Limited, OSCOM during last one year will not be considered.
- 8) Bidder should upload their bank details along with offer for Payment and EMD/SD refund purpose
- 9) Other terms & condition and contact details are attached in buyer uploaded ATC doc.
- 10) **Engineer-In-Charge: Shri. I.C. Behera, DM-Tech.(E&I), REEP**
- 12) **File No: 36 / 28235 (CAPEX)**

NB - 1) Party has supply guided pipe, sensor, transmitter, signal cable etc.

2) Material test certificate and Calibration certificate to be submitted during supply.

Contact person of Tendering Authority

IREL(India)Limited, OSCOM Unit

<u>Purpose</u>	<u>Name</u>	<u>Email id</u>	<u>Mobile No.</u>
For Bid/tender related query	Shri R. S. Sabat. DGM-Tech. (Purchase)	rsabat@irel.co.in / purchase-os@irel.co.in	+91 8280402609
	Smt.Sweta Sinha, Manager(Purchase)	sksinha@irel.co.in	+91 7978132875
For Consignment/Goods Transportation related Query	Shri. G.K. Chandraguptan, CM-Tech. (Stores)	stores-os@irel.co.in , gkchandraguptan@irel.co.in	+91 9003681969
For Payment/refund related Query	Shri. J. Nayak, DGM (F&A)	jnayak@irel.co.in , finance-os@irel.co.in	+91 9220310513
For Technical Specification/Scope of work related Query	Shri. I.C. Behera, DM-Tech. (E&I), REEP	icbehera@irel.co.in	+91 8327719511

10. Buyer Added Bid Specific ATC

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

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---