

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	31-01-2026 15:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	31-01-2026 15:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Pmo
विभाग का नाम / Department Name	Department Of Atomic Energy
संगठन का नाम / Organisation Name	Directorate Of Purchase And Stores
कार्यालय का नाम / Office Name	Directorate Of Purchase And Stores
कुल मात्रा / Total Quantity	2
वस्तु श्रेणी / Item Category	Multi Gas Detector (V1) (Q2)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	Certificate (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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है / Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	5

बिड विवरण/Bid Details	
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	2
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Single Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	3 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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ईपीबीजी विवरण /ePBG Detail

आवश्यकता/Required	No
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बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता/MII Purchase Preference

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

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within $L1+X\%$	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

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.

Multi Gas Detector (V1) (2 pieces)

तकनीकी विशिष्टियाँ /Technical Specifications

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

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
TYPE/APPLICATION/T ECHNOLOGY	Type	Portable /Handheld
	Detactable Gases	Combustible Gas-Lower Explosive Limit(LEL), Oxygen(O2), Hydrosulfide(H2S), Carbon Monooxide(CO), Ammonia(NH3), Sulfur dioxide(SO2), Chlorine(Cl2), Methane (CH4), Carbon Dioxide (CO2)
	Preset Value (To generate audio- visual alarm)	User Setable
	Gases for which Preset value to be set by user	Lower Explosive Limit(LEL), Oxygen(O2), Hydrosulfide(H2S), Carbon Monooxide(CO)
AREA OF USE - HAZARDOUS AREA CLASSIFICATION	Hazardous area classification standard	IEC 60079 (latest)
	Area of use - Hazardous area classification	Intrinsically safe for use in hazardous area classification conforming to Class I, Division I, Group A, B, C & D or Zone - 0, Group-IIA, IIB & IIC
MEASUREMENT OF Combustible Gas- Lower Explosive Limit(LEL)	Measurment Range of Combustible gas(LEL)	0 -100 %
	Resolution of the Combustible gas(LEL) measurement	1 %
MEASUREMENT OF OXYGEN(O2)	Measurment Range of Oxygen(O2) gas concentration	0 -25 %
	Resolution of the Oxygen(O2) measurement	0.1

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
MEASUREMENT OF HYDROGEN SULFIDE (H2S)	Measurment Range of HYDROGEN SULFIDE (H2S) gas concentration	0 -100 ppm
	Resolution of the HYDROGEN SULFIDE (H2S) measurement	1 ppm
MEASUREMENT OF SELECTABLE GAS(CO/NH3/SO2/CL 2 etc)	Measurment Range of Selectable Gas(CO/NH3/SO2/CI2/CH4/CO 2)	0 -500 ppm
	Resolution of the Range of Selectable Gas(CO/NH3/SO2/CI2/CH4/CO 2) measurement	0.1 ppm
PERFORMANCE PARAMETER OF THE DETECTOR	Accuracy	+/- 2 % of measured value
	Response time to reach to 90% of measured value(with Sampling pumping house)	30.0 (second)
SAMPLING PUMP	Sampling Pump	Fitted with Motorized Pump with Audio and visual low flow alarm
	Remote Sampling Accessories in the scope of Supply	Minimum 120 feet long sampling hose and sampling probe equipped ; Suitable Filter
POWER SOURCE	Power Source	Rechargeable Batteries;, Mains (230 ± 10 Volts / 50 Hz AC)
	Battery Size	Inbuilt Replaceable rechargeable Battery
	Battery chemistry	Li-ion
	"Number of Batteries required for operation "	One Number of Inbuilt replacable rechargeable Batteries
	Number of Batteries Inclusive in the Scope of Supply	1
	Battery capacity (mAH)	1100.0 - 10000.0 Or higher
	Operation time on fully charged battery(With Pump operation)	60.0 (hour)
	Suitable Battery Charger operable with 230 V + 5%, 50 Hz AC inclusive in the scope of supply	Yes Or higher
GENERIC	Display	Self-illuminating back-light digital display
	Housing Material	Poly carbonate
	Enclsoure Protection rating	IP 67, IP 68 Or higher
	Weight(Including Battery & Sampling pump)	< 500 gram(Handheld/Portable)
	Connectivity interface	NA

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
FEATURES	Salient Features	Two Levels of alarms for TWA (Time Weighted Average) & STEL (Short Term Exposure Limit), Low battery indication, The Set Points are adjustable over entire Range, Calibration due date indication, Data logging, Hand free Operation, NA
	Display Features	Simultaneous Display for all four gases, Simultaneous readout for each gas monitored in ppm, %, LEL as applicable, NA
	Audio Visual Alarm	Visual 360° LED, > 108 dB in a distance of 1m(30ft);, Audible 360 DEGREE, configurable alarm patterns frequencies and volumes
ACCESSORIES	Accessories in the scope of supply	Calibration cup/adaptor/calibration tubing to facilitate calibration locally, Operation Manual, Carrying case
WARRANTY/SERVICE	Warranty on Equipment	12, 24 Or higher (month)
	Warranty on Sensor	12, 24 Or higher (month)
	Maximum Time period within which any defects reported be rectified, at the buyer/consigne site, without any extra cost during warranty period of equipment	two weeks (from reporting of the defect)
OPERATING ENVIRONMENT	Minimum Operating Temperature	-20.0 Or lower (degree Celsius)
	Maximum Operating Temperature	50.0 Or higher (degree Celsius)
GENERAL TECHNICAL REQUIREMENTS (GTR)	Other General Requirement	a) Agreed to provide Declaration on the cross-sensitivity of sensor with other gasses, to the buyer at the time of supply. b) Agreed to pre despatch inspection of the material by byuer/ buyer's authorized Inspection Agency, if applicable. c) Agreed to provide details regarding frequency of calibration as recommendad by OEM or calibration frequency is once in six month whichever is earlier. d) Agreed to provide certificate for area of use (hazardous area) and Enclosure Protection Rating Certificate by accredited agencies like FM/UL/CENELEC/BASSEFA/ATEX/CIMFR/IECEX/CSA/SAA/TIIS/INMETRO/CUTR etc. e) Agreed to provide PESO approval Certificate to the buyer at the time of supply. f) Agreed to provide 2 free calibration services per year during warranty period. g) Agreed to provide authorized supplier having valid authorization from OEM. All other details shall be as per ANSI/ISA 92.0.01 to 92.06.01 or equivalent IEC standards(In Case of Reseller). h)Agreed to provide relevant technical literature of the offered instrument with make & model with copy of relevant approval, including sensor specification sheet for sensor used in the instrument.
Buyer Specific Requirement	Buyer Specific Requirement	NA

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
CALIBRATION CERTIFICATE	Calibration Certificate issuing authority	OEM Certificate
TEST REPORT	Type of lab which carried out Test of Complete Product to prove the conformity of product as per specification	OEM
	Agree to provide all relevant documents Test Reports/supporting document /reports etc to the buyer at the time of bidding or on demand	Yes

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	S Sundaralingam	401502,BARC TARAPUR COMPLEX, PO GHIVALI, BOISAR WEST DISTRICT PALGHAR MAHARSHTRA PIN 401502	2	30

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/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. Inspection

Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.

When there is requirement of submission the advance sample, the seller shall inform the buyer promptly

through emails about the date of submission of sample to the buyer nominated Inspection agency.

3. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

1. Please quote our Reference no. DPS/NRBPSU/ 02/N3/53 and GEM Bid no./Contract No. in all future correspondence / document submission.
The scope of work is TESTING, PRE-DESPATCH INSPECTION, SAFE DELIVERY, WARRANTY, GUARANTEE AND SERVICE OF PORTABLE MULTI GAS DETECTOR.
2. Bid related queries should be sought through GeM portal only. Other Grievances, if any, related to tender from vendors shall be addressed to apon3@barc.gov.in, with our above ref. No.
3. In case of authorized dealer of Original Equipment Manufacturer, authorization certificate should be submitted to establish relationship with OEM mandatorily.

Also; BIDDERS MUST UPLOAD THE DECLARATION RELATED TO COUNTRIES SHARING LAND BORDER WITH INDIA ON THEIR LETTERHEAD AS PER THE ATTACHED ANNEXURE- XII.

4. Please note that we are a Central Government Research Organization and we don't have any commercial activity, we are a final consumer of the product. Also, it is to be mentioned that NRB is not registered under GST and will not avail any benefit to input tax credit.
5. Kindly uploaded undertaking clearly specifying the acceptance of all the technical specifications, additional specification parameters and terms & conditions on bidder's letterhead.
All the documents uploaded should be on the bidder's letterhead. Documents clearly specifying the acceptance of all the technical specifications, additional specification parameters and terms & conditions should be uploaded.
6. Vehicles with GPS facility will not be allowed entry inside purchaser's premises. In view of the above, the consignments should be dispatched only through vehicles without GPS system.
7. The ordered items shall be supplied to the respective stores only on working days and between 10.00 hours to 16.00 hours excluding Saturdays, Sundays and Public Holidays. The supplier shall give advance intimation in the consignee through email before delivering the material.
8. Bidders may please note that no conditional terms / conditions / payment request is accepted. Payment will be made as per standard procedure of NRBPSU.
9. Offer shall be quoted strictly as per our specification and unit only.
10. Note to Bidder (Hindrance Register)
In the event of order, the Contractor should supply the material within the original Delivery Period mentioned in the contract. If not, the Hindrance Register should be submitted which is Mandatory Document for consideration of granting Delivery Period extension (if required).

The Contractor is required to maintain Hindrance Register for reporting Hindrance if any while executing the work as per Annexure-X.

The Contractor shall get record of Hindrance in the Hindrance Register(s) approved/endorsed by the Purchaser. Such Hindrance in the work endorsed by the Purchaser will only be taken into consideration for granting Delivery Date Re-fixation.

4. **Buyer Added Bid Specific ATC**

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

5. **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.

अस्वीकरण/Disclaimer

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.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

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

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।/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.

---धन्यवाद/Thank You---