



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/5428282  
Dated/दिनांक : 23-09-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	03-10-2024 14:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	03-10-2024 14:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	60 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	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	PIPE AND CABLE LOCATOR / ROUTE TRACER (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	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
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
ITC available to buyer/क्रेता के लिए उपलब्ध आईटीसी	Yes
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

<b>Bid Details/बिड विवरण</b>	
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Estimated Bid Value/अनुमानित बिड मूल्य</b>	195000
<b>Payment Timelines</b>	Payments shall be made to the Seller within <b>30</b> days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation
<b>Arbitration Clause</b>	No
<b>Mediation Clause</b>	No

**EMD Detail/ईएमडी विवरण**

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

Required/आवश्यकता	No
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**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate.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.

2. 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.

3. 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.

## PIPE AND CABLE LOCATOR / ROUTE TRACER ( 1 pieces )

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

### Technical Specifications/तकनीकी विशिष्टियाँ

[\\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
APPLICATION / FREQUENCY / PERFORMANCE	<b>Type</b>	Pipe and Cable locator (Cable Avoidance Tool)
	Frequency Range	Low Frequency (between 200 Hz and 1.1 kHz), Medium Frequency (between 1. 2 kHz and 44 kHz), High Frequency (between 45 kHz and 500 kHz)
	<b>Number of predefined Low frequencies available</b>	1.0 - 15.0 Or higher
	<b>Number of predefined Medium frequencies available</b>	2.0 - 15.0 Or higher
	<b>Number of predefined High frequencies available</b>	1.0 - 15.0 Or higher
	<b>Simultaneous Dual frequency available</b>	Yes
RECEIVER	Receiver Housing Material	High Impact Resistant ABS
	<b>Gain control</b>	Manual, Auto, Both Auto & Manua Or higher

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Operating Modes in the Receiver	Transmitter Mode, Power Mode, RF / Radio Mode, Signal Current Measurement Mode, Cathodic Protection Mode (CP), Left Right Arrow Mode, Compass Mode, Peak Mode, Peak, Null & Pinpoint Peak Modes, Combined Power+Radio Mode, Combined Power+Radio+Transmitter Mode
	Depth Detection range in Power	3 Or higher ( <b>meter</b> )
	Depth Detection range in RF mode	3 Or higher ( <b>meter</b> )
	<b>Depth Measurement (in Transmitter Mode)</b>	Upto 10 meter Or higher
	<b>Depth Measurement Accuracy (in Transmitter Mode)</b>	± 5% or better, ± 10% or better Or higher
	Type of Display (Receiver)	LCD with backlight, LED with backlight
	<b>Display Size (Receiver)</b>	3.0 - 10.0 Or higher ( <b>inch</b> )
	Information provided in the Receiver Display	Locating Mode Indication, Bar graph Display, Left/Right Arrows, Depth measurement, Antennae operating mode, Continuous Battery Check, Operating frequency, Current Direction
	Number of Antennas (Vertical + Horizontal + Compass)	3, 4 or more Or higher
	<b>GNSS (GPS)</b>	No GPS, External GPS, In-built GPS Or higher
	<b>Datalogging capability (Receiver)</b>	NA, Auto, Manual, Both Auto & Manual Or higher
	Datalogging file formats (Receiver)	NA
	<b>Built-in Data logging memory (Receiver)</b>	0, 2, 4 Or higher ( <b>gigabyte</b> )
	Receiver Interface (connectivity)	NA
	<b>Capacity of the SD Card supplied (inclusive in the supply)</b>	0, 2, 4 ( <b>gigabyte</b> )
POWER SOURCE / BATTERY FOR RECIVER	<b>Power Source to the Receiver</b>	Rechargeable Battery, Alkaline (non-rechargeable) Battery
	Battery Chemistry (Receiver)	Alkaline
	Battery size (Receiver)	AA
	Capacity of Battery (Receiver) (Ah)	11.0 - 16.0 Or higher
	Battery back-up time under continuous operation (for Receiver)	30.0 Or higher ( <b>hour</b> )

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Number of Batteries Required for operation (Receiver)	6
	Number of Batteries Supplied (for Receiver) inclusive in the scope of supply	6, 8, 12, 16 Or higher
SALIENT FEATURES OF THE RECIVER	Salient Features of Receiver	Push button for Mode Selection;, Knob Selector Switch for Mode Selection, Audio, Visual indication, Detachable loud Speaker, Automatic Daily Self Test, Auto Depth measurement, Auto Current measurement, Push button Depth measurement, Push button Current measurement, Noise cancellation from overhead power cables, Shallow depth alarm, Depth indication in power mode, Built-in dual battery pack, NA
TRANSMITTER	Trasmitter Housing Material	High Impact Resistant ABS
	<b>Transmitter wattage (Minimum)</b>	3, 4, 5, 10 Or higher ( <b>Watt</b> )
	Transmitter maximum voltage output	between 76 V - 99 V, between 100 V - 150 V Or higher
	Operating Modes in the Transmitter	Induction Mode, Clamp Mode, Direct Connection Mode
	Controls in the Transmitter	Frequency Modulation, Frequency Selection, Output Level
	<b>Display on Transmitter</b>	Yes
	Type of Display (Transmitter)	LCD with backlight
	<b>Display Size (Transmitter)</b>	2.0 - 6.0 Or higher ( <b>inch</b> )
	<b>Information provided in the Transmitter Display</b>	Output frequency, Battery Condition, Connected mode, Output Power level, Output Current
	<b>Datalogging capability (Transmitter)</b>	NA, Auto, Manual, Both Auto & Manua Or higher
	Datalogging file formats (Transmitter)	NA
	<b>Built-in Data logging memory (Transmitter)</b>	0, 2, 4 Or higher ( <b>gigabyte</b> )
	Transmitter Interface (connectivity)	NA
POWER SOURCE / BATTERY FOR TRANSMITTER	<b>Power Source to the Trasmiiiter</b>	Alkaline (non-rechargeable) Battery
	Battery Chemistry (Transmitter)	Alkaline
	Battery size (Transmitter)	AA
	Capacity of Battery (Transmitter) (Ah)	9.0 - 10.0 Or higher

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Battery back-up time under continuous operation (Transmitter)	10.0 Or higher ( <b>hour</b> )
	Number of Batteries Required for operation (for Transmitter)	6
	Number of Batteries Supplied (for Transmitter)	6, 8, 12 Or higher
SALIENT FEATURES OF THE TRANSMITTER	Salient Features of Transmitter (Select Applicable features Only)	Pulsed or continuous output Signal, Audio, Visual indication, Detachable loud Speaker, Automatic Daily Self Test, Voltage boost option, NA
GENERIC	<b>GPS (GNSS) Data Capability features</b>	NA
	<b>Software features</b>	NA
	Bluetooth survey measurement data protocols	NA
ACCESSORIES INCLUSIVE IN THE SCOPE OF SUPPLY	<b>"Accessories inclusive in the scope of supply (Select Only Applicable Accessories )"</b>	Transmitter Signal Coupler / Clamp 100 mm dia with 2 meter connection lead, Battery Charger (only incase of Rechargeable Battery), Direct connection lead with magnets, 10 meter extension cable, Earth stake - 1 no., Suitable Carry bag, Instruction Manual
OPERATING CONDITIONS / INGRESS PROTECTION	Receiver Minimum Operating Temperature	-20.0 ( <b>degree Celsius</b> )
	Receiver Maximum Operating Temperature	50.0 ( <b>degree Celsius</b> )
	Transmitter Minimum Operating Temperature	-20.0 ( <b>degree Celsius</b> )
	Transmitter Maximum Operating Temperature	50.0 ( <b>degree Celsius</b> )
	Enclosure Ingress Protection (Receiver)	IP 54
	Enclosure Ingress Protection (Transmitter)	IP 54
WARRANTY	<b>WARRANTY (FOR BOTH TRANSMITTER AND RECEIVER)</b>	1.0 ( <b>year</b> )

**Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details**

<b>ITC on GST/जीएसटी पर इनपुट कर क्रेडिट</b>	<b>ITC on GST Cess/जीएसटी उपकर कर क्रेडिट</b>
100%	NA

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

<b>S.No./क्र. सं.</b>	<b>Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी</b>	<b>Address/पता</b>	<b>Quantity/मात्रा</b>	<b>Delivery Days/डिलीवरी के दिन</b>
1	Ameer S.	691583,IREL(India) Limited P.O.: CHAVARA-691 583 DIST.: KOLLAM, STATE: KERALA	1	21

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

**1. Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

**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. Scope of Supply**

Scope of supply (Bid price to include all cost components) : Only supply of Goods

**4. 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 कार्यवाई का आधार होगा।

**---Thank You/धन्यवाद---**