

**बिड दस्तावेज़ / Bid Document**

<b>बिड विवरण/Bid Details</b>	
<b>बिड बंद होने की तारीख/समय /Bid End Date/Time</b>	15-06-2026 10:00:00
<b>बिड खुलने की तारीख/समय /Bid Opening Date/Time</b>	15-06-2026 10:30:00
<b>बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)</b>	120 (Days)
<b>मंत्रालय/राज्य का नाम/Ministry/State Name</b>	Ministry Of Heavy Industries And Public Enterprises
<b>विभाग का नाम/Department Name</b>	Department Of Heavy Industry
<b>संगठन का नाम/Organisation Name</b>	National Automotive Board
<b>कार्यालय का नाम/Office Name</b>	National Automotive Board Manesar
<b>शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal</b>	vikrant@natrax.in
<b>कुल मात्रा/Total Quantity</b>	1
<b>वस्तु श्रेणी /Item Category</b>	PIPE AND CABLE LOCATOR / ROUTE TRACER (Q3)
<b>बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)</b>	4 Lakh (s)
<b>मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)</b>	28 Lakh (s)
<b>उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service</b>	3 Year (s)
<b>एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover</b>	No
<b>स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover</b>	No
<b>विक्रेता से मांगे गए दस्तावेज़/Document required from seller</b>	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,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

**बिड विवरण/Bid Details**

क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/ <b>Do you want to show documents uploaded by bidders to all bidders participated in bid?</b>	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। / <b>Minimum number of bids required to disable automatic bid extension</b>	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / <b>Number of days for which Bid would be auto-extended</b>	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / <b>Number of Auto Extension count</b>	1
विगत प्रदर्शन / <b>Past Performance</b>	50 %
बिड से रिवर्स नीलामी सक्रिय किया/ <b>Bid to RA enabled</b>	Yes
रिवर्स नीलामी योग्यता नियम/ <b>RA Qualification Rule</b>	H1-Highest Priced Bid Elimination
बिड का प्रकार/ <b>Type of Bid</b>	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय / <b>Time allowed for Technical Clarifications during technical evaluation</b>	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/ <b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
मूल्यांकन पद्धति/ <b>Evaluation Method</b>	Total value wise evaluation
मध्यस्थता खंड/ <b>Arbitration Clause</b>	No
सुलह खंड/ <b>Mediation Clause</b>	No

**ईएमडी विवरण/EMD Detail**

एडवाइजरी बैंक/Advisory Bank	ICICI
ईएमडी राशि/EMD Amount	15340

**ईपीबीजी विवरण /ePBG Detail**

एडवाइजरी बैंक/Advisory Bank	ICICI
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00

ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).

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(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**लाभार्थी /Beneficiary :**

Director

National Automotive Test Tracks (NATRAX) Address Agra Mumbai Highway (NH-52) Next to Pithampur Flyover, Post-Khandwa (Near Pithampur) Dist.- Dhar, (M.P.) 454774  
(National Automotive Test Tracks)

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

**एमआईआई खरीद वरीयता / MII Purchase Preference**

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers available upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

**एमएसई खरीद वरीयता/MSE Purchase Preference**

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% / Purchase Preference to MSE OEMs/ Service Provider available upto price within L1+X%	15

<p>सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference</p>	<p>25</p>
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1. 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.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM 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. 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 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

**5. Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate 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. In respect of bid for Services, the bidder must be the Service provider of the offered Service. 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. 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 in case of product bids, whereas in case of services the eligibility is automatically validated. 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.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.

6. 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.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

8. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

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

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

#### **तकनीकी विशिष्टियाँ /Technical Specifications**

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

<b>विवरण/Specification</b>	<b>विशिष्टि का नाम /Specification Name</b>	<b>बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)</b>
APPLICATION / FREQUENCY / PERFORMANCE	<b>Type</b>	Precision Pipe and Cable locator / Route tracer
	<b>Number of predefined Low frequencies available</b>	15.0 - 15.0 Or higher
	<b>Number of predefined Medium frequencies available</b>	13.0 - 15.0 Or higher
	<b>Number of predefined High frequencies available</b>	4.0 - 15.0 Or higher
	<b>Simultaneous Dual frequency available</b>	No
RECEIVER	<b>Gain control</b>	Auto, Both Auto & Manua Or higher
	<b>Depth Measurement (in Transmitter Mode)</b>	Upto 10 meter Or higher
	<b>Depth Measurement Accuracy (in Transmitter Mode)</b>	± 5% or better Or higher
	<b>Display Size (Receiver)</b>	3.2 - 10.0 Or higher ( <b>inch</b> )
	<b>GNSS (GPS)</b>	In-built GPS Or higher

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Datalogging capability (Receiver)</b>	Auto, Manual, Both Auto & Manual Or higher
	<b>Built-in Data logging memory (Receiver)</b>	4 Or higher ( <b>gigabyte</b> )
	<b>Capacity of the SD Card supplied (inclusive in the supply)</b>	0.0 ( <b>gigabyte</b> )
POWER SOURCE / BATTERY FOR RECIVER	<b>Power Source to the Receiver</b>	Rechargeable Battery
TRASMITTER	<b>Transmitter wattage (Minimum)</b>	10 Or higher ( <b>Watt</b> )
	<b>Display on Transmitter</b>	Yes
	<b>Display Size (Transmitter)</b>	2.1 - 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 Voltage, Output Current, NA
	<b>Datalogging capability (Transmitter)</b>	NA, Auto, Manual, Both Auto & Manua Or higher
	<b>Built-in Data logging memory (Transmitter)</b>	0, 2, 4 Or higher ( <b>gigabyte</b> )
POWER SOURCE / BATTERY FOR TRANSMITTER	<b>Power Source to the Trasmitter</b>	Rechargeable Battery
GENERIC	<b>GPS (GNSS) Data Capability features</b>	Onboard GPS (GNSS) module, Link to External GPS (GNSS), External GPS (GNSS) position read into Lactor's memory, Capturing / Export of Survey measurement data
	<b>Software features</b>	Locator Configuration, Survey measurements data collation and export, User Account Management, Free software updation during warranty period, Filter usage logging and survey measurement points on Google maps
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
WARRANTY	<b>WARRANTY (FOR BOTH TRANSMITTER AND RECEIVER)</b>	3.0 ( <b>year</b> )

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

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Vikrant Kumar	454774,National Automotive Test Tracks (NATRAX) Agra - Mumbai Highway(NH-3), Next to Pithampur Flyover (From Indore) (Near Pithampur) District :- Dhar State :- Madhya Pradesh	1	30

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

### 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 up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

### 2. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Technical specifications for GPS based cable route tracer with 10 watt transmitter

SN	Feature	Description
1	Scope	Supply, Installation, Testing & Commissioning of In-built GPS based utility locator & 10-Watt transmitter with minimum 500mA o/p current to detect underground metallic utilities before excavation for safe digging, route trace target utility amongst bunch of utilities
2	<b>Receiver</b>	
2.1	Design & Material	Ergonomically designed, balanced and lightweight made of ABS plastic
2.2	Display	Should have high contrast custom made monochrome display with size 3.7 inch or better
2.3	Antennae	Must have at least 5 or more antennas, includes 2 horizontal, 2 vertical & 1 compass
2.4	Ingress Protection	Ingress protection IP65

2.5	Depth Range	Depth measurement range 20 meters or better
2.6	Accuracy	Locate accuracy $\pm$ 5% or better Depth accuracy $\pm$ 3% or better
2.7	Passive Mode	Combined power & radio mode simultaneously detecting 50Hz & radio signals induced on live power cables or metallic utilities
2.8	Noise Rejection	Ability to reject electromagnetic interference from overhead cables & buried parallel utilities to minimize distortions
2.9	Warning alerts	Must have audio, visual & vibration alert upon - excessive swinging for correct usage - detection of shallow utilities within 30cm depth to avoid accidents - overload condition to warn incorrect usage of the locator
2.10	Power Filters	Power filters to discriminate between live power cables running on 50Hz to 450Hz harmonics
2.11	Depth Measurement	Automatic without need to push button for quick survey
2.12	Current Measurement	Automatic without need to push button for quick survey
2.13	Directional Arrows	Directional left & right arrows to indicate position & pinpoint the target utility
2.14	Depth in Power Mode	Depth in power mode to estimate approximate depth of live power cables to avoid accidents
2.15	Current Direction	Dual frequency operation that helps identify target utility amongst bunch of utilities through up & down arrows on display
2.16	GPS	In-built GPS for marking of survey coordinates
2.17	GPS Accuracy	1 - 2.5 mtr or better
2.18	Bluetooth	To communicate with external device/Mobile Phone/PDA
2.19	GPS Satellite Status	Indicate both GPS latching and no of satellites captured status on display
2.20	Data Export	Locate information with GPS Co-ordinates should be able to export directly through bluetooth or USB into .xls, .csv or .kml file formats
2.21	Mobile App	Provide real time mapping of the locate data on mobile phone via bluetooth and share the data to central locations
2.22	Manual Data Logging	Save minimum 1000 logs of the survey network with GPS coordinates

2.23	Auto Data Logging	Store minimum 500 days of locating data to understand and history of locator as to when, where & how the unit has been used
2.24	Battery Type & Life	Should have self-replaceable Li-ion Rechargeable Battery Pack, capacity min 10Ah, battery life <sup>tv</sup> 35hrs continuous usage or better
2.25	Other Display Features	Accessories in use indication, battery status, gain levels, moving bar graph signal with numeric value, antennae modes, 360 <sup>0</sup> Compass
2.26	Cable Identification	Should include receiver clamp to identify and segregate a target cable from a bunch of cables in same trench
3	<b>Transmitter</b>	
3.1	O/p Power	Must generate minimum o/p power of 10W or better. Such capacity must be clearly visible on display of the transmitter
3.2	O/p Voltage	Must generate minimum o/p voltage of 90V or better. Such capacity must be clearly visible on display of the transmitter
3.3	O/p Current	Must generate minimum o/p current of 500mA or better. Such capacity must be clearly visible on display of the transmitter
3.4	Active Frequencies	Should have combination of low, medium & high frequencies, preferably 512Hz, 640Hz, 760Hz, 920Hz, 1kHz, 4kHz, 8kHz, 33kHz, 82kHz & 200kHz to allow reliable route tracing under various resistive conditions
3.5	Current Direction Frequencies	Minimum 5 Dual pairs of preferably 256/512Hz, 285/570Hz, 380/760Hz, 460/920Hz, 4096/8192Hz, 1168/584Hz, 1248/624Hz
3.6	90V Voltage Booster	Must have voltage booster option to improve o/p current on high resistance utilities
3.7	Auto Frequency Selection	Should automatically select the best frequency to use based on the load impedance
3.8	Integrated Tray	Should be fitted with integrated tray to carry standard accessories for ease of use and additional safety
3.9	Ingress Protection	Ingress protection IP65
3.10	Battery Type & Life	Must have self-replaceable Li-ion Rechargeable Battery Pack, capacity min 8.5Ah, battery life <sup>v</sup> 8hrs continuous usage
3.11	Other Display Features	O/p Current, O/p voltage, O/p Power, Resistance, Menu & sub menu selection
4	<b>Warranty &amp; Maintenance</b>	
4.1	Warranty	3 years warranty

4.2	Online Calibration Check	Online calibration check of the unit through software must be available that allows verification of testing parameters within the permitted range
4.3	Self-Test	Self-test to locate circuitry to confirm correct operation
4.4	Service Centre	OEM or authorized supplier must have service centre in India to provide necessary support
5	<b>Certificates &amp; Compliances</b>	
5.1	EMC	OEM to confirm test / certification to confirm standard maintained for Electromagnetic compatibility for radio equipment & services
5.2	Ingress Protection	OEM to confirm test / certification to confirm standard maintained for Degree of protection provided by enclosures IP Code
5.3	Vibration Test	OEM to confirm test / certification to confirm standard maintained for the adequacy of equipment to resist loads under random vibration
5.4	Shock Test	OEM to confirm test / certification to confirm standard maintained for conditions involving infrequent non-repetitive or repetitive shocks
5.5	ISO	ISO 9001:2015
6	Bill of Material	Receiver with Li-ion Battery Pack, Transmitter with Li-ion Battery Pack, Direct Connection lead, Ground rod, 10 mtr Extension Cable, Neodymium Magnet, 5" Transmitter Clamp, 5" Receiver Clamp
7	<b>Documents Required with the Bid</b>	
7.1	Technical Documents	Tech. Catalogue/Manual/data sheet of offered instrument model clearly highlighted with claimed technical features as mentioned in specification
7.2	Certifications	Certifications & compliances as per point no 5
7.3	Calibration Certificate	Calibration certificate during the supply
7.4	OEM Authorisation	If bidder is an authorized dealer, bidder shall submit valid authorization certificate/ letter issued by OEM
8	<b>Demonstration &amp; Training</b>	
8.1	Technical Evaluation	Authorized distributor or OEM can be called for demonstration for conformity of specification through physical inspection, technical literatures .

8.2	Training	GPS positioning and Cable Route tracing for 10km length of cables is must and will be undertaken in 3 to 10 days consecutive days.  Trainings shall be provided by the supplier or OEM.
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Minimum Eligibility criteria (MEC) :- GPS -enabled pipe & Cable Locator

### 1. Technical Experience

Minimum 3 years' experience in supply of underground utility locators/cable-pipe locators.

Proof of supply of at least 2 similar systems to Central/State Govt./PSUs/Autonomous Bodies, value  $\geq$  ` 3 Lakhs each in last 5 years.

### 2. OEM Authorization

Bidder must be an authorized distributor/dealer of OEM (e.g. Radiodetection or equivalent).

Submit a valid authorization certificate from OEM .

OEM/Bidder must have a service centre/office in indore (MP)/support for 5 years post-warranty.

### 3. Certifications & Compliances

Quality: ISO 9001:2015 (OEM/Bidder).

Product Tests: Type test reports from NABL/ILAC lab for EMC (EN61326), IP65 (EN60529), Vibration/Shock (EN60068); valid  $\geq$  12 months.

Calibration: Current Calibration certificate (within 12 months) for the offered model.

### 4. Financial Securities

Performance Bank Guarantee: 5% of order value till 1 year 3-month post-warranty.

### 5. Other Commitments

Demonstration: Mandatory pre-dispatch demo.

Training: 10 Km. on site training on operation & maintenance/GPS Drawing/Cable Route tracing.

Warranty: Comprehensive 1 year from commissioning free spares/repairs and 3 years from OEM.

Payment: As per GeM terms.

### 3. Buyer Added Bid Specific ATC

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

## अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer, is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. 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 catalogues 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. 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.**

**This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.**

**However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.**

[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---**