

**बिड दस्तावेज़ / Bid Document**

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	13-02-2026 18:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	13-02-2026 18:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Uttarakhand
विभाग का नाम/Department Name	Revenue Department Uttarakhand
संगठन का नाम/Organisation Name	N/a
कार्यालय का नाम/Office Name	Board Of Revenue Uttarakhand Dehradun
कुल मात्रा/Total Quantity	52
वस्तु श्रेणी /Item Category	Receiver for Global Navigation Satellite System (GNSS) (V1) (Q2) , Controller for Global Navigation Satellite System (GNSS) (Q3)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	78 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)	300 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
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	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

<b>बिड विवरण/Bid Details</b>	
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	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	2
विगत प्रदर्शन /Past Performance	80 %
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	Receiver for Global Navigation Satellite System (GNSS) (V1)
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 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
<b>Payment Timelines</b>	Payments shall be made to the Seller within <b>45</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)
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

#### ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	Bank Of Baroda
ईएमडी राशि/EMD Amount	312000

## ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	Bank Of Baroda
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	42

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ 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 :

Commissioner cum Secretary Board of Revenue Uttarakhand  
Board of Revenue Uttarakhand Dehradun, Revenue Department Uttarakhand, N/A,  
(Commissioner Cum Secretary Board Of Revenue Uttarakhand)

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. 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. Purchase preference to Micro and Small Enterprises (MSEs) from the State of Bid Inviting Authority : Purchase preference will be given to MSEs as Micro and Small Enterprises from the State of Bid inviting Authority. 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% 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 percentage of 25 % of total quantity as defined/ decided in relevant policy.

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.

6. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% 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.

7. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

#### Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
07-02-2026 11:00:00	Board of Revenue Ring Road Ladpur Mussoorie Bypass Dehradun

#### Receiver For Global Navigation Satellite System (GNSS) (V1) ( 26 pieces )

#### तकनीकी विशिष्टियाँ /Technical Specifications

[\\* जेम कैटेगरी 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)
RECEIVER POSITIONING PERFORMANCE & ACCURACY (RMS)	<b>Differential GPS (DGPS) Accuracy - (Horizontal)</b>	25 cm + 1 ppm, 30 cm + 1 ppm, 35 cm + 1 ppm, 40 cm + 1 ppm, 45 cm + 1 ppm, 50 cm + 1 ppm, 60 cm + 1 ppm, NA
	<b>Differential GPS (DGPS) Accuracy - (Vertical)</b>	40 cm + 1 ppm, 45 cm + 1 ppm, 50 cm + 1 ppm, 60 cm + 1 ppm, 70 cm + 1 ppm, 80 cm + 1 ppm, 90 cm + 1 ppm, 100 cm + 1 ppm, NA
	<b>High Precision / Long Observation Static Accuracy - (Horizontal)</b>	3 mm + 0.1 ppm, 3 mm + 0.5 ppm, NA
	<b>High Precision / Long Observation Static Accuracy - (Vertical)</b>	3.5 mm + 0.4 ppm, 6 mm + 0.5 ppm, NA
	<b>Static and Fast Static Accuracy - (Horizontal)</b>	3 mm + 0.1 ppm, 3 mm + 0.5 ppm, 3 mm + 1 ppm, 5 mm + 0.5 ppm, 5 mm + 1 ppm, 8 mm + 1 ppm, 10 mm + 1 ppm, NA
	<b>Static and Fast Static Accuracy -(Vertical)</b>	2.5 mm + 0.5 ppm, 2.5 mm + 1 ppm, 3.5 mm + 0.4 ppm, 5 mm + 0.5 ppm, 10 mm + 0.5 ppm, 15 mm + 1 ppm, NA
	<b>Real-Time Kinematic (RTK) Accuracy - (Horizontal)</b>	5 mm + 0.5 ppm, 6 mm + 0.5 ppm, 8 mm + 0.5 ppm, 8 mm + 1 ppm, 10 mm + 0.5 ppm, 10 mm + 1 ppm, NA
	<b>Real-Time Kinematic (RTK) Accuracy - (Vertical)</b>	10 mm + 0.8 ppm, 10 mm + 1 ppm, 15 mm + 0.5 ppm,, 15 mm + 1 ppm, 20 mm + 1 ppm, NA
	<b>Stand alone L-band Accuracy via satellite based correction (95%) - (Horizontal)</b>	Less than 5 cm, 5 cm, 7 cm, 10 cm, 12 cm, 14 cm, 16 cm, NA
	<b>Stand alone L-band Accuracy via satellite based correction (95%) - (Vertical)</b>	Less than 10 cm, 10 cm, 12 cm, 14 cm, 16 cm, 20 cm, NA
RECEIVER FEATURES & FUNCTIONS	<b>Receiver Type</b>	Base, Rover, Base compatible to other makes of Base/Rover, Rover compatible to other makes of Base/Rover
	<b>Mode of Processing</b>	Static & Fast Static, RTK with Single Base RTK Correction, RTK with Network RTK Correction
	<b>Receiver salient Features - inclusive in the scope of supply</b>	Interchangeable / Configurable as Base or Rover, Base Station able to serve multiple Rovers, Provision to Indicate the Connectivity with Base Station, RTK processing, Built-in stand alone L-band facility and satellite based correction, Integrated receiver Antenna, External receiver Antenna, Multi-path Mitigation for Receiver Antenna, All Control functions available with receiver, Compatible to Electronic Total Station (ETS) of Other Makes
RECEIVER TRACKING CAPABILITIES	<b>Base Line Processing Range (Static) (Kilometer)</b>	50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000, 0 (kilometer)
	<b>Number of Channels</b>	45, 110, 120, 126, 132, 136, 165, 216, 220, 226, 240, 275, 330, 372, 385, 440, 448, 452, 495, 555, 672, 0 Or higher

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Maximum Position Update Rate (Hertz)</b>	1, 2, 5, 10, 20, 25, 50, 100 (Hertz)
	<b>Tilt Sensor</b>	Yes, No
GNSS TRACKING SIGNALS (RECEIVER)	<b>NAVIC Tracking Signals</b>	L5, S Band, NA, Upgradable to IRNSS L5 and S band
	<b>Galileo Tracking Signals</b>	E1, E5 a, E5 b, E5 ab, E6, NA
	<b>BeiDou Tracking Signals</b>	B1, B2, B3, NA
	<b>L-band tracking Signals</b>	Omnistar, Terrastar, Starfire, Atlas, RTX, NA
	<b>SBAS Support</b>	GAGAN, WAAS, EGNOS, MSAS, QZSS, NA
SOFTWARES	<b>Subscription license for satellite based correction - inclusive in the scope of supply</b>	Yes, NA
	<b>If Yes, Validity of License period (Subscription license for satellite based correction ) (Year)</b>	0, 1, 2, 3, 4, 5, 6, 7, 8 (year)
	<b>Post Processing Software with free updates upto Warranty period - inclusive in the scope of supply</b>	Yes, NA
	<b>If Yes, Validity of License period (Post Processing Software with free updates upto Warranty period ) (Year)</b>	0, 1, 2, 3, 4, 5, 6, 7, 8 (year)
COMMUNICATIONS	<b>Phone Modem Antenna</b>	Internal Antenna, External Antenna, NA
	<b>Radio Modem Antenna</b>	Internal Antenna, External Antenna, NA
RAM / STORAGE	<b>Data Storage Medium</b>	Internal, External / Removable
	<b>Internal Storage Capacity</b>	11 MB, 16 MB, 32 MB, 48 MB, 56 MB, 64 MB, 128 MB, 256 MB, 512 MB, 1 GB, 2 GB, 4 GB, 6 GB, 8 GB, 16 GB, NA for External / Removable Storage
	<b>External / Removable Storage Slot</b>	SD, Mini SD, Micro SD, SDHC, Memory stick, NA for standalone receiver
	<b>External / Removable Storage Card Capacity supplied with Receiver (GB) - inclusive in the scope of supply</b>	0, 2, 4, 8, 16, 32 Or higher (gigabyte)
BATTERY	<b>Power Source</b>	Internal - Rechargeable Battery, Internal - Alkaline (non-rechargeable) Battery
	<b>Supports 12 V External Battery</b>	Yes, No
	<b>Chemistry of Battery</b>	Li-ion, Ni-MH, Alkaline

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Battery Back Up Time (Hour)</b>	4, 5, 6, 7, 8, 10, 12, 16 Or higher ( <b>hour</b> )
	<b>Number of Batteries required for operation</b>	1, 2, 3, 4
	<b>Number of Batteries Supplied</b>	1, 2, 4, 6, 8 Or higher
	<b>Battery Chargers for Rechargeable Batteries (inclusive in the scope of supply)</b>	Yes, NA
	<b>12 V Vehicle Charging Kit inclusive in the scope of supply</b>	Yes, No
	<b>Hot - Swappable b/w External and Internal Power Sources without affecting Data Recording</b>	Yes, No, NA
ENVIRONMENTAL PARAMETERS	<b>Minimum Operating Temperature</b>	-10, -15, -20, -25, -30, -40 Or higher ( <b>degree Celsius</b> )
	<b>Maximum Operating Temperature</b>	50, 55, 60, 65, 70, 75 Or higher ( <b>degree Celsius</b> )
	<b>Non Condensing Humidity, Rh</b>	75, 80, 85, 90, 95, 100 Or higher ( <b>percent</b> )
ACCESSORIES	<b>Accessories (inclusive in the scope of supply)</b>	Tribrach with Optical Plummet and Adopter, Tribrach with Laser Plummet and Adopter, Tribach tester, Telescopic Tripod (Wooden), Telescopic Tripod (Aluminum), Telescopic Tripod (Polycarbonate), Stop and Go Pole, Clamp for Controller, USB Data Transfer Cable, Power Cable, Connectors and Cables for Connecting to Car Batteries, Light Weight carrycase / Roll Over Trolley for Transporting Equipment and Accessories
WARRANTY / TRAINING	<b>Warranty (year)</b>	1, 2, 3 Or higher ( <b>year</b> )
	<b>Training Type</b>	At Buyer's Premises, At Seller's Premises
	<b>Training Period (day)</b>	3, 5, 7, 10, 15 Or higher ( <b>day</b> )

**Additional Specification Parameters - Receiver For Global Navigation Satellite System (GNSS) (V1) ( 26 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Compliance	Compliance to Specification in ATC

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

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

क्र.सं./S.No.	परिषदी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Abhinav Kumar	248001,Mussoorie bye pass, Ladpur, Dehradun	26	15

**Controller For Global Navigation Satellite System (GNSS) ( 26 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)
COMPATIBLE MAKE / MODEL	<b>Compatible MAKE of GNSS Receiver (Hint:- Sellers may send a request along with product brocure / URL and Datasheets to GeM to add Other makes)</b>	Leica, GeoMax, Topcon, Altus, Sokkia, Spectra Precision, Trimble, Stonex, Carlson, Hemisphere, Novatel, JAVAD, Septentrio, Ashtech, Navcom Technology, PENTAX, Magellan Navigation, Satlab, CHCNAV, Geozone, Naudiz, FOIF
CONTROLLER SOFTWARE AND FEATURES	<b>Field Software with free updates upto warranty period inclusive in the scope of supply Controller</b>	Yes
	<b>Allow Configurable Survey Style for Static Mode</b>	Yes, No
	<b>Allow Configurable Survey Style for Post - Processed Kinematic (PPK) Mode</b>	Yes, No
	<b>Allow Configurable Survey Style for Real - Time Kinematic (RTK) Mode</b>	Yes, No
	<b>Allow Configurable Survey Style for Stand alone L-band Processing mode and and satellite based correction</b>	Yes, No
	<b>Capable of Multi-tasking so that Multiple Operations can be Opened at a time, eg, COGO, Stakeout, Point Manager etc</b>	Yes, No
	<b>Datum and Projection Support and Support Grid Coordinates</b>	Yes, No
	<b>Graphical Support to Visualize Work while Working</b>	Yes, No

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	"Support Feature Coding with Attributes for GIS Data Collection, 3D Control coding possible for automatic plot creation "	Yes, No
	Support COGO Functionality and Able to Key in Lines, Sub Divide Lines and Creating Parallel Lines for Staking out Purpose	Yes, No
	User Friendly and Menu Driven for Easy Field Operation	Yes, No
	Able to Store GNSS Data Collected by the RTK System	Yes, No
	Able to email Data Collected in the Field in case Facility is Available and Able to Import & Export User Configurable Files for Effective GIS Support	Yes, No
	"Support Graphical Stakeout, for Points, Lines and DTM as well and Able to Perform Real Time"	Yes, No
	Able to Accept Background Maps in CAD Format	Yes, No
	Ability to Convert Grid to Ground and Vice Versa Conversion Onboard	Yes, No
INTEGRATED PERIPHERALS/ CONNECTIVITY	Camera	With, Without
	Flash	Yes, No
	Integrated GPS	Yes, No
	Integrated Compass	Yes, No
	Integrated Accelerometer	Yes, No
	Integrated Cellular Modem	Yes, No
	SBAS Support	Yes, No
	Audio Jack	Yes, No
RAM / STORAGE	Memory - RAM	128 MB, 256 MB, 512 MB, 1 GB, 2 GB, 4 GB, 8 GB, 16 GB
	Internal Storage Capacity	128 MB, 256 MB, 512 MB, 1 Gb, 2 GB, 4 GB, 8 GB, 16 GB, 32 GB
DISPLAY / KEYPAD	Type of Display	LED, LCD, TFT
	Colour Display	Yes, No

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Touch Screen Display</b>	Yes, No
	<b>Sunlight-readable Display</b>	Yes, No
	<b>Display Resolution</b>	QVGA, VGA,, WVGA, SVGA, XGA, WXGA, WUXGA
	<b>Display Size(in inch)</b>	3.0 to 3.4, 3.5 to 3.9, 4.0 to 4.4, 4.5 to 4.9, 5.0 to 5.4, 5.5 to 5.9, 6.0 to 6.4, 6.5 to 6.9, 7.0 to 7.4, 7.5 to 7.9, 8.0 to 8.4, 8.5 to 8.9, 9.0 to 9.4, 9.5 to 9.9, 10.0 and above
	<b>Alha-Numeric full QWERTY Hard Keypad</b>	Yes, No
BATTERY	<b>Power Source</b>	Internal - Rechargeable Battery, Internal - Alkaline (non-rechargeable) Battery
	<b>Controller Supports 12 V External Battery</b>	Yes, No
	<b>Chemistry of Battery</b>	Li-ion, Ni-MH, Alkaline
	<b>Battery Back Up Time</b>	8, 10, 12, 15, 16, 20, 24, 30, 34, 36 Or higher ( <b>hour</b> )
	<b>Number of Batteries required for operation</b>	1, 2, 3, 4
	<b>Number of Batteries Supplied</b>	1, 2, 4, 6, 8 Or higher
	<b>Battery Charger for Rechargeable Batteries inclusive in the scope of supply</b>	Yes, NA
	<b>12 V Vehicle Charging Kit inclusive in the scope of supply</b>	Yes, No
	<b>Hot - Swappable b/w External and Internal Power Sources without affecting Data Recording</b>	Yes, No, NA
OPERATING CONDITIONS	<b>Minimum Operating Temperature</b>	-10, -15, -20, -25, -30, -40 Or lower ( <b>centidegree Celsius</b> )
	<b>Maximum Operating Temperature</b>	50, 55, 60, 65, 70, 75 Or higher ( <b>centidegree Celsius</b> )
	<b>Non Condensing Humidity, Rh</b>	75, 80, 85, 90, 95, 100 Or higher ( <b>percent</b> )
WARRANTY / TRAINING	<b>Warranty</b>	1, 2, 3 Or higher ( <b>year</b> )
	<b>Training Type</b>	At Buyer's Premises, At Seller's Premises
	<b>Training Period</b>	1, 3, 5, 7, 10, 15 ( <b>day</b> )
TEST REPORTS	<b>Compliance to Dust test</b>	MIL-STD-810 F, MILSTD-810 G, IEC-60529 or Equivalent Specn
	<b>Compliance to Water Intrusion test</b>	MIL-STD-810 F, MILSTD-810 G, IEC-60529 or Equivalent Specn

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Compliance to Vibration / Shock test</b>	MIL-STD-810 F, MILSTD-810 G
	<b>Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification</b>	Yes, No

**Additional Specification Parameters - Controller For Global Navigation Satellite System (GNSS) ( 26 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Compliance	Compliance to specification in ATC

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

**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	Abhinav Kumar	248001,Mussoorie bye pass, Ladpur, Dehradun	26	15

**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

1- . EMD exemption for MSE applicable only for state registered MSE as per Uttarakhand State policy.

### 3. Buyer Added Bid Specific ATC

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

### 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---