

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	10-09-2026 17:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	10-09-2026 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Bihar
विभाग का नाम / Department Name	Panchayat Raj Department Bihar
संगठन का नाम / Organisation Name	Panchayati Raj Department
कार्यालय का नाम / Office Name	Panchayat Bhawan Harnaroi
शिकायत निवारण के संपर्क विवरण / Contact details of Grievance redressal	HOD Email id :harnaroi@bihar.gov.in Buyer Email id: buycon317.prd.bh@gembuyer.in
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	GNSS RECEIVER FOR REFERENCE STATION (Q3)
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 दस्तावेज़ों 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?	No
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या / Minimum number of bids required to disable automatic bid extension	1

बिड विवरण/Bid Details	
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	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
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
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.

एमएसई खरीद वरीयता/MSE Purchase Preference

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

एमआईआई खरीद वरीयता/MII Purchase Preference	No
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1. 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.

GNSS RECEIVER FOR REFERENCE STATION (1 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)
RECEIVER FEATURES & FUNCTIONS	Mode of Processing	Static & Fast Static, Real Time Kinematic (RTK), Both Static & Fast Static and Real Time Kinematic (RTK)
	"RTK processing (hint: Network RTK Correction - All Commonly available industry standard Network Solution)"	Single Base RTK Correction, Network RTK Correction, Both Single Base RTK Correction & Network RTK Correction
	Antenna Type	Choke Ring with DM element, Choke Ring, Geodetic
	Supported positioning signal bands for the Antenna	L1,, L2, L5, G1, G2, G3, E1, E5ab, E6, B1, B2, B3
	Phase centre Accuracy	Less than 1 mm, Less than 2 mm, NA
	Phase centre Repeatability	Less than 1 mm, Less than 2 mm, NA
	Minimum independent and concurrent datalogging sessions	8, 10, 12, more than 12 Or higher
RECEIVER POSITIONING PERFORMANCE & ACCURACY (RMS)	Differential GPS (DGPS) Accuracy - (Horizontal)	NA, 40 cm + 1 ppm, 30 cm + 1 ppm, 25 cm + 1 ppm Or higher
	Differential GPS (DGPS) Accuracy - (Vertical)	NA, 60 cm + 1 ppm, 50 cm + 1 ppm, 45 cm + 1 ppm, 40 cm + 1 ppm Or higher
	High Precision / Long Observation Static Accuracy - (Horizontal)	NA, 3 mm + 0.5 ppm, 3 mm + 0.1 ppm Or higher
	High Precision / Long Observation Static Accuracy - (Vertical)	NA, 6 mm + 0.5 ppm, 3.5 mm + 0.4 ppm Or higher
	Static and Fast Static Accuracy - (Horizontal)	NA, 10 mm + 1 ppm, 8 mm + 1 ppm, 5 mm + 1 ppm, 5 mm + 0.5 ppm, 3 mm + 1 ppm, 3 mm + 0.5 ppm, 3 mm + 0.1 ppm Or higher
	Static and Fast Static Accuracy -(Vertical)	NA, 15 mm + 1 ppm, 10 mm + 0.5 ppm, 5 mm + 0.5 ppm, 3.5 mm + 0.4 ppm, 2.5 mm + 1 ppm, 2.5 mm + 0.5 ppm Or higher
	Real-Time Kinematic (RTK) Accuracy - (Horizontal)	NA, 10 mm + 1 ppm, 10 mm + 0.5 ppm, 8 mm + 1 ppm, 8 mm + 0.5 ppm, 6 mm + 0.5 ppm, 5 mm + 0.5 ppm Or higher
	Real-Time Kinematic (RTK) Accuracy - (Vertical)	NA, 20 mm + 1 ppm, 15 mm + 1 ppm, 15 mm + 0.5 ppm, 10 mm + 1 ppm, 10 mm + 0.8 ppm Or higher

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
RECEIVER TRACKING CAPABILITIES	"Base Line Processing Range (Static) (May indicate '0' if Not Applicable)"	0, 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000 Or higher (kilometer)
	Maximum Position Update Rate(Hz)	10 - 100
	MET/Tilt Sensor input	Yes, No
	Position Acquisition Method	Float to Fix, Fix
GNSS TRACKING SIGNALS	Receiver Tracking Signals (Hint: Select applicable Signals only)	GPS - L1, GPS - L1 C/A, GPS - L2, GPS - L2 P, GPS - L5, GLONASS - L1, GLONASS - L2, GLONASS - L2 C/A, GLONASS - L2 P, GLONASS - L3, NAVIC - L5, Galileo - E1, Galileo - E5 a, Galileo E5 b, Galileo - E5 ab, Galileo - E6, BeiDou - B2, BeiDou - B3, QZSS - L1, QZSS - L2, QZSS - L5
	SBAS Support	GAGAN, WAAS, EGNOS, MSAS, NA
POST PROCESSING SOFTWARE / ON-BOARD SOFTWARE FEATURES	Post Processing Software with free updates upto Warranty period inclusive in the scope of supply	Yes, NA
	On-Board Software Features	support the configurable input, output and logging of Met/Tilt measurements, Web Interface for full control, Configuration and access management of receiver, Support remote configuration, Data retrieval and firmware upgrading, Configurable email alert functionality, Secure Access via HTTPS, SSL Certificates, support IP filtering, restricting IP packet access to and from the receiver for enhanced access control security, Support FTP downloads as well as the FTP Push command, Capable of pushing logged and converted data files to three separate FTP servers, NTRIP Caster, NTRIP Client and NTRIP Server functionality
COMMUNICATIONS	Communication Ports	USB, RS 232, Bluetooth, Combined LEMO, Wi-Fi / WLAN, RJ45, Mini USB
	Communication Protocols	NMEA, RINEX, RTCM 2.0, RTCM 3.0, CMR, CMR+, BINEX
	Phone Modem Antenna	Internal Antenna, External Antenna, NA
	Radio Modem Antenna	Internal Antenna, External Antenna, NA
	Built-in Data Links - Phone & Radio Modems	GSM, GPRS, LTE, UMTS, HSDPA, UHF, NA, ADSL
	External Data Links Supported	GSM, GPRS, LTE, UMTS, HSDPA, ADSL, UHF
RAM / STORAGE	Data Storage Medium	Internal/Removable, External / Memory Stick
	Internal / Removable Storage Capacity	NA for External Storage, 4 GB, 8 GB, 16 GB, 32 GB Or higher
	External / Removable Storage Slot	SD, Mini SD, Micro SD, SDHC, USB, NA

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	External Storage / Memory Stick Capacity supplied with Receiver - inclusive in the scope of supply	0, 16, 32 Or higher (gigabyte)
BATTERY	Power Source	Internal / Removable- Rechargeable Battery, External - Rechargeable Battery
	Chemistry of Battery	Li-ion, Ni-MH, Lead-Acid, SMF
	Capacity of Battery (Ah)	3.6 - 100
	Battery Back Up Time	10.0 - 72.0 Or higher (hour)
	Number of Batteries required for operation	1, 2
	Number of Batteries Supplied	1, 2, 4 Or higher
OTHER FEATURES & FUNCTIONS OF THE RECEIVER	Other Features & Functions	Base Station serves multiple Rovers, Base Station Compatible to Base / Rovers of other makes, Interchangeable / Configurable as Base or Rover, Provision to Indicate the Connectivity with Base Station, Multi-path Mitigation for Receiver and Antenna, All Control functions available with Receiver, Automatic restart Functionality after loss of power in the same configuration, Supports 12 V External Battery; Supporting both AC and DC operation (with a minimum input power range of 10-28 VDC), Hot - Swappable b/w External and Internal Power Sources without affecting Data Recording
GENERIC	Radio Power	0 - 35 (Watt)
ENVIRONMENTAL PARAMETERS	Minimum Operating Temperature	-10, -20, -30, -40 Or lower (degree Celsius)
	Maximum Operating Temperature	60, 65 Or higher (degree Celsius)
	Non Condensing Humidity, Rh	95, 100 Or higher (percent)
	Ingress Protection	IP 66, IP 67, IP 68 Or higher
ACCESSORIES	Accessories - inclusive in the scope of supply	USB Data Transfer Cable, Connectors and Cables for Connecting to Car Batteries, Suitable Battery Charger to rechargeable batteries from AC Mains, 12 V Vehicle Charging Kit, Light Weight carrycase, NA
	Length of suitable connecting Cable for Antenna (meters) - inclusive in the scope of supply	10, 30, 50 Or higher
INSTALLATION & COMMISSIONING & STC	Installation & Commissioning	With installation & Commissioning, Without installation & Commissioning
	STC of the product read, understood and agreed	Yes, NA fo Without installation & Commissioning

विवरण/Specification	विशिष्ट का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
WARRANTY / TRAINING	On-site Warranty	1, 2, 3 Or higher (year)
	Training Period - Provided at at Buyer's Premises	0, 3, 5 Or higher (day)
TEST REPORTS	Compliance to Dust test	MIL-STD-810 F, MILSTD-810 G, IS/IEC-60529, NA
	Compliance to Water Intrusion test	MIL-STD-810 F, MILSTD-810 G, IS/IEC-60529, NA
	Compliance to Vibration test	MIL-STD-810 F, MILSTD-810 G, IS 900-Part 8, NA
	Agreed to furnish OEM Test report to the Buyer on demand	Yes, NO
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification	Yes, No
	If Yes, Test Report to be furnished to the Buyer on demand	Yes, NA

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

क्र.सं./S.No.	परिषी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Ritesh Ranjan Kumar	855102,PANCHAYAT BHAWAN HARNAROI	1	15

Special terms and conditions-Version:1 effective from 04-05-2020 for category GNSS RECEIVER FOR REFERENCE STATION

1. 1.1. SELER'S RESPONSIBILITIES:

The Scope of installation and Commissioning for GNSS Receiver for Reference Station shall be as under:
Inclusive in the Scope of Installation & Commissioning:

1. Fixing the GNSS Receiver for Reference Station /Base Station and antenna on already built Platform / Pillar / Monument provided by the consignee.
2. Laying & Installation of suitable Antenna cable as applicable.
3. Supply, Laying & Installation of suitable Electrical Cable, if required, between the Base Station and Power Socket.
4. All necessary accessories for laying & installation of Antenna Cabling and Electrical cabling.
5. Installation, Commissioning & Demonstration of the Base station to the satisfaction of the buyer /

consignee.

6. Providing Training to the buyer's representatives after successful installation & Commissioning of the equipment, if applicable.

1.2. CONSIGNEE / USER'S RESPONSIBILITIES:

1. Providing built-up Platform / Pillar / Monument for installation & commissioning of the Base Station.
2. Civil work for Foundation of Platform / Pillar / Monument and Electrical earthing, wherever required.
3. Providing AC Mains power supply and providing Inverter / Generator, if backup is required.
4. Providing Server / Desktop Computer / Laptop as per the end user's requirement.
5. Necessary approvals from regulatory authorities, if any, for installation of the Base Station.

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. PAN, UID SELF ATTESTED
2. Turnover certificate need last 3 years along with.
3. Authorization Certificate.
4. Sample Provide before last date of bid (mandatory).
5. 9001 ISO Certificate
6. Preference will be given to the nearest dealer for the purpose of repair or 1 year warranty
7. Bank Mandate signed By Bank authorities for e-payment
8. GST Return last five years + Return last five years GSTR1 + 9C & Current filed GSTR- 3B and GST should be state of Bihar
9. Notarized Affidavit regarding that the firm is not blacklisted on Rs.125/- Stamp.
10. ITR for assessment year - 2022-23, 2023-24, 2024-25 & 2025-26.
11. Bidders are required to show demanded product at Panchayat before last date of bid for quality assurance of the product.
- 12 GST Registration must be from Bihar

INCLUDING THIS MATERIALS

SL.	NAME OF MATERIALS	QUNTITY
1	SLAP SCANNER	1
2	DUAL IRIS SCANNER	1
3	L1 FINGURE SCANNER	1
4	SINGLE IRIS SCANNER	1
5	GNS	1
6	SURGE PROTECTION SPIKE	1
7	WEB CAMERA	1
8	WHITE SCREEN	1
9	FOCUS LIGHT	1

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 (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) 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---