

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	14-05-2025 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	14-05-2025 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Chhattisgarh
Department Name/विभाग का नाम	Revenue And Disaster Department Chhattisgarh
Organisation Name/संगठन का नाम	N/a
Office Name/कार्यालय का नाम	Block-2, First Floor, Indrawati Bhavan, Naya Raipur
क्रेता ईमेल/Buyer Email	madhu.harsh.4@cg.gov.in
Total Quantity/कुल मात्रा	51
Item Category/मद केटेगरी	Receiver for Global Navigation Satellite System (GNSS) (V1) (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	153 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	1224 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
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	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (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

Bid Details/बिड विवरण	
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Past Performance/विगत प्रदर्शन	60 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
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
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value/अनुमानित बिड मूल्य	30600000
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।	Yes
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	306000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	38

(a). 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./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कैटेगरी 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।

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

Beneficiary/लभार्थी :

DEPUTY COMMISSIONER

Block-2, First Floor, Indrawati Bhavan, Naya Raipur, Revenue and Disaster Department Chhattisgarh, N/A,
(Madhu Harsh)**UIN Number NCTGC2415P****MSE Purchase Preference/एमएसई खरीद वरीयता**

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

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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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 {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 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. 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.
5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 60% 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.

Receiver For Global Navigation Satellite System (GNSS) (V1) (51 pieces)**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
RECEIVER POSITIONING PERFORMANCE & ACCURACY (RMS)	Differential GPS (DGPS) Accuracy - (Horizontal)	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
	Differential GPS (DGPS) Accuracy - (Vertical)	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
	High Precision / Long Observation Static Accuracy - (Horizontal)	3 mm + 0.1 ppm, 3 mm + 0.5 ppm, NA
	High Precision / Long Observation Static Accuracy - (Vertical)	3.5 mm + 0.4 ppm, 6 mm + 0.5 ppm, NA
	Static and Fast Static Accuracy - (Horizontal)	3 mm + 0.1 ppm, 3 mm + 0.5 ppm, 3 mm + 1 ppm, 5 mm + 0.5 ppm, 10 mm + 1 ppm, NA
	Static and Fast Static Accuracy - (Vertical)	2.5 mm + 0.5 ppm, 5 mm + 0.5 ppm, 10 mm + 0.5 ppm, NA
	Real-Time Kinematic (RTK) Accuracy - (Horizontal)	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
	Real-Time Kinematic (RTK) Accuracy - (Vertical)	10 mm + 0.8 ppm, 10 mm + 1 ppm, 15 mm + 0.5 ppm, 15 mm + 1 ppm, 20 mm + 1 ppm, NA
	Stand alone L-band Accuracy via satellite based correction (95%) - (Horizontal)	Less than 5 cm, 5 cm, NA
RECEIVER FEATURES & FUNCTIONS	Receiver Type	Base, Rover, Base compatible to other makes of Base/Rover, Rover compatible to other makes of Base/Rover
	Mode of Processing	Static & Fast Static, RTK with Single Base RTK Correction, RTK with Network RTK Correction
	Receiver salient Features - inclusive in the scope of supply	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	Base Line Processing Range (Static) (Kilometer)	50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000, 0 (kilometer)
	Number of Channels	165, 216, 220, 226, 240, 275, 330, 372, 385, 440, 448, 452, 495, 555, 672 Or higher
	Maximum Position Update Rate (Hertz)	1, 2, 5, 10, 20, 25, 50, 100 (Hertz)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Tilt Sensor	No, Yes
	Position Acquisition Method	Float to Fix, Fix
GNSS TRACKING SIGNALS (RECEIVER)	GPS Tracking Signals	L1, L1 C/A, L2, L2 C, L2 E, L2 P, L5
	GLONASS Tracking Signals	L1, L2, L2 C/A, L2 P, L3
	NAVIC Tracking Signals	L5, S Band, NA, Upgradable to IRNSS L5 and S band
	Galileo Tracking Signals	E1, E5 a, E5 b, E5 ab, E6, NA
	BeiDou Tracking Signals	B1, B2, B3, NA
	L-band tracking Signals	Omnistar, Terrastar, Starfire, Atlas, RTX, NA
	SBAS Support	GAGAN, WAAS, EGNOS, MSAS, QZSS, NA
SOFTWARES	Subscription license for satellite based correction - inclusive in the scope of supply	Yes, NA
	If Yes, Validity of License period (Subscription license for satellite based correction) (Year)	0, 1, 2, 3, 4, 5, 6, 7, 8 (year)
	Post Processing Software with free updates upto Warranty period - inclusive in the scope of supply	Yes, NA
	If Yes, Validity of License period (Post Processing Software with free updates upto Warranty period) (Year)	0, 1, 2, 3, 4, 5, 6, 7, 8 (year)
COMMUNICATIONS	Communication Ports	USB, RS 232, Bluetooth, Combined LEMO, Wi-Fi / WLAN
	Communication Protocols	NMEA, RTCM 2.0, RTCM 3.0, CMR, CMR+
	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, CDMA, LTE, UMTS, HSDPA, VHF, UHF, NA
	External Data Links Supported	GSM, GPRS, CDMA, LTE, UMTS, HSDPA, VHF, UHF
RAM / STORAGE	Data Storage Medium	Internal, External / Removable
	Internal Storage Capacity	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
	External / Removable Storage Slot	SD, Micro SD, Memory stick, NA for standalone receiver

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	External / Removable Storage Card Capacity supplied with Receiver (GB) - inclusive in the scope of supply	0, 2, 4, 8, 16, 32 Or higher (gigabyte)
GENERIC	Radio Power (Watt)	0.0, 0.3, 0.5, 1.0, 2.0, 35.0 (Watt)
BATTERY	Power Source	Internal - Rechargeable Battery, Internal - Alkaline (non-rechargeable) Battery
	Supports 12 V External Battery	Yes, No
	Chemistry of Battery	Li-ion
	Capacity of internal Battery (mAh)	2000, 2200, 2600, 2800, 3400, 3450, 3695, 3699, 3700, 4500, 5000, 5300, 5800, 5900, 6000
	Battery Back Up Time (Hour)	4, 5, 6, 7, 8, 10, 12, 16 Or higher (hour)
	Number of Batteries required for operation	1, 2, 4
	Number of Batteries Supplied	1, 2, 4, 6, 8 Or higher
	Battery Chargers for Rechargeable Batteries (inclusive in the scope of supply)	Yes, NA
	12 V Vehicle Charging Kit inclusive in the scope of supply	No, Yes
	Hot - Swappable b/w External and Internal Power Sources without affecting Data Recording	Yes, No, NA
ENVIRONMENTAL PARAMETERS	Minimum Operating Temperature	-10, -15, -20, -25, -30, -40 Or higher (degree Celsius)
	Maximum Operating Temperature	50, 55, 60, 65, 70, 75 Or higher (degree Celsius)
	Non Condensing Humidity, Rh	75, 80, 85, 90, 95, 100 Or higher (percent)
	Ingress Protection	IP 65, IP 66, IP 67, IP 68 Or higher
ACCESSORIES	Accessories (inclusive in the scope of supply)	Tribach with Optical Plummet and Adopter, Tribach 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

Specification	Specification Name/विशिष्ट का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
WARRANTY / TRAINING	Warranty (year)	1, 2, 3 Or higher (year)
	Training Type	At Buyer's Premises
	Training Period (day)	3, 5, 7, 10, 15 Or higher (day)
Buyer Specific Requirement	Buyer Specific Requirement	NA
TEST REPORTS	Compliance to Dust test	MIL-STD-810 F, MILSTD-810 G, IEC-60529 or Equivalent Specn
	Compliance to Water Intrusion test	MIL-STD-810 F, MILSTD-810 G, IEC-60529 or Equivalent Specn
	Compliance to Vibration / Shock test	MIL-STD-810 F, MILSTD-810 G
	Type of lab which carried out Test of Complete Product to prove the conformity of product as per specification	OEM, NABL accredited lab
	Agree to provide all relevant documents Test Reports/supporting document /reports etc to the buyer at the time of bidding or on demand	Yes

Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	75%
Min Cost Allocation for ICT as a % of product cost	25%
Number of days allowed for ICT after site readiness communication to seller	30 Days/दिन

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Utkarsh Rajak	492002,Indrawati Bhawan first floor, Block -B, Atal Nagar New Raipur Pin code- 49002	51	45

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

3. Financial Criteria

NET WORTH: Net Worth of the OEM should be positive as per the last audited financial statement.

4. Generic

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

5. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

6. Generic

Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

7. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.

- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

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.

All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws 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. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

[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 कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---