

बिड दस्तावेज़ / Bid Document

| बिड विवरण / Bid Details | |
|---|---|
| बिड बंद होने की तारीख/समय / Bid End Date/Time | 05-03-2026 15:00:00 |
| बिड खुलने की तारीख/समय / Bid Opening Date/Time | 05-03-2026 15:30:00 |
| बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date) | 180 (Days) |
| मंत्रालय/राज्य का नाम / Ministry/State Name | Department Of Space |
| विभाग का नाम / Department Name | Department Of Space |
| संगठन का नाम / Organisation Name | Indian Space Research Organization |
| कार्यालय का नाम / Office Name | U R Rao Satellite Centre |
| कुल मात्रा / Total Quantity | 1 |
| वस्तु श्रेणी / Item Category | Signal Generator (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), Additional Doc 1 (Requested in ATC), Additional Doc 2 (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 |
| क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् 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 | 1 |
| दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended | 10 |

बिड विवरण/Bid Details

| | |
|--|-----------------------------------|
| ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count | 1 |
| बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled | Yes |
| रिवर्स नीलामी योग्यता नियम/RA Qualification Rule | H1-Highest Priced Bid Elimination |
| 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 | 3 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 |
|-------------------|----|

ईपीबीजी विवरण /ePBG Detail

| | |
|---|---------------------|
| एडवाइजरी बैंक/Advisory Bank | State Bank of India |
| ईपीबीजी प्रतिशत (%) /ePBG Percentage(%) | 3.00 |
| ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months). | 41 |

(a). 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 :

Accounts Officer
U R Rao Satellite Centre, Department of Space, Indian Space Research Organization, Department of Space
(Accounts Officer)

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 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. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

2. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small

Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

4. 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

Signal Generator (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

| विवरण/Specification | विशिष्टि का नाम /Specification Name | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values) |
|----------------------|-------------------------------------|--|
| GENERAL FEATURES | Type | RF Signal Generator |
| MEASUREMENT FEATURES | Frequency Range(Hz) | 9 KHz to 1 GHz, 9 KHz to 2 GHz, 9 KHz to 3 GHz, 9 KHz to 6 GHz, 10 MHz to 20 GHz, 10 MHz to 40 GHz, 250KHz to 20GHz, 250KHz to 40GHz, 50MHz to 20GHz, 50 MHz to 40GHz, 1MHz to 40 GHz, NA, 0.1 Hz – 70 GHz, 50 MHz to 20 GHz, 100 kHz to 44 GHz, 1 MHz to 6 GHz, 24 GHz to 40 GHz, 17 GHz to 24.3GHz |
| | Maximum Output Level (dBm) | 5, 13, 20, 30, 19, 23, 10, 11 |
| | Minimum Output Level (dBm) | -105, -110, -120, -130, -144, -3 |
| | Non Harmonics declared at | >10 KHz carrier offset, >50KHz carrier offset |
| | Reverse Power Protection(watt) | 2, 50, 0.5, 0 (Watt) |

| विवरण/Specification | विशिष्टि का नाम /Specification Name | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values) |
|----------------------------|--|---|
| AM FEATURES | Maximum Amplitude Modulation Frequency (3 dB), f > 100KHz | 20, 80, 100 (kiloHertz) |
| | Minimum Amplitude Modulation Frequency (3 dB), f > 100 KHz | 10, 20 (Hertz) |
| | Amplitude modulation depth(%) | 0-90, 0-100 |
| | Resolution of AM | 0.1, 1 (percent) |
| FM FEATURES | Maximum Frequency Modulation Frequency(-3 dB)Standard | 20, 80, 100 (kiloHertz) |
| | Minimum Frequency Modulation Frequency (-3 dB) Standard | 10, 20 (Hertz) |
| | Minimum Frequency Deviation | 0, 20 (kiloHertz) |
| | Maximum Frequency Deviation (KHz) | 20, 80, 100, 1000 (inch) |
| PHASE MODULATION FEATURES | Phase Modulation | Available |
| PULSE MODULATION FEATURES | Pulse Modulation | Available |
| OTHER FEATURES | RF Analog sweep | Available |
| VECTOR MODULATION FEATURES | Vector Modulation | Available, Not-Available |
| SERVICE | Warranty | 3.0 (year) |

Additional Specification Parameters - Signal Generator (1 pieces)

| Specification Parameter Name | Bid Requirement (Allowed Values) |
|------------------------------|---|
| ADDITIONAL PARAMETER | PLEASE FIND DETAILED SPECIFICATION AS PER ADDITIONAL SCOPE OF WORK. |

* 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.N o. | परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer | पता/Address | मात्रा /Quantity | डिलीवरी के दिन/Delivery Days |
|-------------------|---|--|------------------|---------------------------------|
| 1 | R Vijaya Chandrika | 560017,U R RAO SATELLITE CENTRE (URSC) DEPARTMENT OF SPACE OLD AIRPORT ROAD,VIMANAPURA PO | 1 | 90 |

Buyer added Bid Specific Additional Scope of Work

| क्र.सं./S.N o. | Document Title | Description | रिवर्स प्रभार के अनुसार जीएसटी/Applicable i.r.o. Items |
|-------------------|---------------------------------------|------------------|---|
| 1 | Specification View | Signal Generator | Signal Generator(1) |

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

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. 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

3. Generic

The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.

Applicable Concessional rate of GST :

5
%

Notification No.and date :

GST @ 5%, against Notification No. 6/2018-Central Tax (Rate), dated the 25th January, 2018, read with Notification No.24/2018-Central Tax (Rate) dated the 31st December, 2018 (Serial No. 243B), and as amended

vide Notification No.09/2025 -Central Tax (Rate) dated 17/09/2025 Integrated- GST @ 5%, against Notification No. 7/2018-Integrated Tax (Rate), dated the 25th January, 2018, read with Notification No.25/2018-Integrated Tax (Rate) dated the 31st December, 2018 (Serial No. 243B), and as amended vide Notification No . 09/2025 - Integrated Tax (Rate) dated 17/09/2025 dated 17/09/2025

4. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

5. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

6. **Generic**

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

7. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

[1] Material Bank Guarantee:

In case of major repair of the Equipment/Spare Parts Accessory etc., the successful service provider shall furnish Bank Guarantee towards the cost of material to be taken out to factory/workshop for carrying out repairs. The BG is to be kept valid till the receipt and acceptance of the repaired unit.

[2] In case of any query please contact purchase and stores officer Group H, URSC at ps0_h@ursc.gov.in

[3] For all future communication quote reference, No: ISIP 2025 0 66175

8. **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 कार्यवाई 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---