

**बिड दस्तावेज़ / Bid Document**

| बिड विवरण / Bid Details                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| बिड बंद होने की तारीख/समय / Bid End Date/Time                                                                                                                                                                               | 08-12-2025 13:00:00                                                                                                                                                                                                                                                                                                                                          |
| बिड खुलने की तारीख/समय / Bid Opening Date/Time                                                                                                                                                                              | 08-12-2025 13:30:00                                                                                                                                                                                                                                                                                                                                          |
| बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)                                                                                                                                                 | 180 (Days)                                                                                                                                                                                                                                                                                                                                                   |
| मंत्रालय/राज्य का नाम / Ministry/State Name                                                                                                                                                                                 | Gujarat                                                                                                                                                                                                                                                                                                                                                      |
| विभाग का नाम / Department Name                                                                                                                                                                                              | Education Department Gujarat                                                                                                                                                                                                                                                                                                                                 |
| संगठन का नाम / Organisation Name                                                                                                                                                                                            | Commissionerate Of Technical Education                                                                                                                                                                                                                                                                                                                       |
| कार्यालय का नाम / Office Name                                                                                                                                                                                               | Government Engineering College Rajkot                                                                                                                                                                                                                                                                                                                        |
| कुल मात्रा / Total Quantity                                                                                                                                                                                                 | 2                                                                                                                                                                                                                                                                                                                                                            |
| वस्तु श्रेणी / Item Category                                                                                                                                                                                                | SDR Kit (Q3)                                                                                                                                                                                                                                                                                                                                                 |
| मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का) / OEM Average Turnover (Last 3 Years)                                                                                                                                    | 2 Lakh (s)                                                                                                                                                                                                                                                                                                                                                   |
| उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष / Years of Past Experience Required for same/similar service                                                                                                            | 1 Year (s)                                                                                                                                                                                                                                                                                                                                                   |
| एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / MSE Exemption for Years of Experience and Turnover                                                                                                       | No                                                                                                                                                                                                                                                                                                                                                           |
| स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Exemption for Years of Experience and Turnover                                                                                                 | No                                                                                                                                                                                                                                                                                                                                                           |
| विक्रेता से मांगे गए दस्तावेज़ / Document required from seller                                                                                                                                                              | Experience Criteria, Past Performance, Certificate (Requested in ATC), OEM Authorization Certificate, OEM Annual Turnover, Additional Doc 1 (Requested in ATC)<br>*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? | 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 विवरण/Bid Details                                                                                                                                                                        |                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / <b>Minimum number of bids required to disable automatic bid extension</b>                                             | 3                                                                                                                                                                                                                                        |
| दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / <b>Number of days for which Bid would be auto-extended</b>                                                                   | 7                                                                                                                                                                                                                                        |
| ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / <b>Number of Auto Extension count</b>                                                                                                         | 1                                                                                                                                                                                                                                        |
| विगत प्रदर्शन / <b>Past Performance</b>                                                                                                                                                      | 10 %                                                                                                                                                                                                                                     |
| बिड से रिवर्स नीलामी सक्रिय किया/ <b>Bid to RA enabled</b>                                                                                                                                   | No                                                                                                                                                                                                                                       |
| बिड का प्रकार/ <b>Type of Bid</b>                                                                                                                                                            | Two Packet Bid                                                                                                                                                                                                                           |
| तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय / <b>Time allowed for Technical Clarifications during technical evaluation</b>                                                    | 2 Days                                                                                                                                                                                                                                   |
| निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/ <b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b> | No                                                                                                                                                                                                                                       |
| <b>Payment Timelines</b>                                                                                                                                                                     | Payments shall be made to the Seller within <b>15</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) |
| <b>मूल्यांकन पद्धति/Evaluation Method</b>                                                                                                                                                    | Total value wise evaluation                                                                                                                                                                                                              |
| <b>मध्यस्थता खंड/Arbitration Clause</b>                                                                                                                                                      | No                                                                                                                                                                                                                                       |
| <b>सुलह खंड/Mediation Clause</b>                                                                                                                                                             | No                                                                                                                                                                                                                                       |

#### ईएमडी विवरण/EMD Detail

|                   |    |
|-------------------|----|
| आवश्यकता/Required | No |
|-------------------|----|

#### ईपीबीजी विवरण /ePBG Detail

|                   |    |
|-------------------|----|
| आवश्यकता/Required | No |
|-------------------|----|

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% | 15  |
| मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference                      | 50  |

#### 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% | 20  |
| 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                          | 50  |

1. 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.

2. 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.

3. 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.

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+ 20% 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 50 % of total quantity as defined/ decided in relevant policy.

5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% 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.

## SDR Kit ( 2 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 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) |
|------------------------------|------------------------------------------------------|-----------------------------------------------------------------|
| Generic                      | Features                                             | Durable, Easy to use, High efficiency                           |
|                              | Contents                                             | SDR hands on book, SDR Software, Telescopic Antennas            |
| Warranty/Service             | <b>Warranty</b>                                      | 12, 18, 24, 36 Or higher <b>(month)</b>                         |
| Certifications and Standards | <b>ISO 9001 Latest Certification of Manufacturer</b> | Yes Or higher                                                   |
|                              | <b>Certification of product</b>                      | Quality Test                                                    |

### Additional Specification Parameters - SDR Kit ( 2 pieces )

| Specification Parameter Name | Bid Requirement (Allowed Values)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Functionality                | The SDR Kit should be capable of performing various Analog communication (AM Mod/Demod, FM Mod/Demod etc.), Digital communication (ASK, FSK, PSK, QPSK etc.) and Wireless Communication (GSM, CDMA wave analysis etc.) Experiments.                                                                                                                                                                                                                                                                                          |
| RF Transceiver               | <ul style="list-style-type: none"> <li>• One Transmit, One Receive Channel (with separate Tuning Frequencies) • Tuning Range: 70 MHz - 6 GHz. • LO step size: 2.4 Hz • Tunable Channel Bandwidth: 200 KHz — 20 MHz • Integrated DACs (Tx): 12-bit • Integrated ADCs (Rx): 12-bit • Variable Output Data Rates: 61.44 MSPS - 65.1 kSPS • Modulation Accuracy (EVM): 40 dB (typical) • RX Gain Control: 0 to +74.5dB (800 Mhz) • Received Signal Strength: 100 dB (+2 dB) • Internal I/Q Correction and Calibration</li> </ul> |
| Antenna                      | <ul style="list-style-type: none"> <li>• Frequency Range: 824-894 MHz and 1710- 2170MHz</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                           |

| Specification Parameter Name                              | Bid Requirement (Allowed Values)                                                                                                                                                                                                                                    |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FPGA,SDR Processing System and Embedded Processing System | 1. FPGA • Logic Cells: 24k or Higher • Block RAM: 2 Mb or Higher • DSP Slices: 80 2. SDR Processing System Single-core ARM Cortex-A9 MP Core @ 667 MHZ Streams up to 4MSPS with no dropped samples 3.Embedded Processing System Quad-core 64-bit @ 1.4GHz or Higher |
| Memory and serial flash                                   | 1. Memory - DDR3L type only • 1066 Mbps (16-bit Interface) or Higher • 512 Mbytes or Higher 2. Serial Flash • 32 Mbyte or Higher • Quad I/O provides throughput up to 54 Mbps                                                                                       |

\* 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             | Parmar Shailendrasinh                                   | 360005,GOVERNMENT ENGINEERING COLLEGE - RAJKOT, MAVDI-KANKOT ROAD, NEAR HANUMAN MANDIR, RAJKOT | 2                | 21                           |

#### 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

**Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

##### 3. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

##### 4. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Principal-Government Engineering College,Rajkot  
payable at  
Rajkot

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 5. **Warranty**

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

#### 6. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

- 1.Boarding and lodging arrangements of the manpower sent by the bidder during the installation process shall be the responsibility of the bidder.
- 2.The GEC, Rajkot reserves the right to reject any quotation wholly or partly without assigning any reason.
- 3.The GEC, Rajkot reserves the right to cancel this bid without assigning any reason.
- 4.The jurisdiction of any dispute shall be RAJKOT.

#### 7. **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 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.**

[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---**