



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2023/B/4242173  
Dated/दिनांक : 01-12-2023

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	21-12-2023 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	21-12-2023 11:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	170 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Education
Department Name/विभाग का नाम	Department Of Higher Education
Organisation Name/संगठन का नाम	Indian Institute Of Technology (iit)
Office Name/कार्यालय का नाम	Bhubaneswar
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Digital Storage Oscilloscope (Q3)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	1 Year (s)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate *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
Past Performance/विगत प्रदर्शन	50 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
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

**Bid Details/बिड विवरण****Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)**

No

**Evaluation Method/मूल्यांकन पद्धति**

Total value wise evaluation

**EMD Detail/ईएमडी विवरण**

Required/आवश्यकता

No

**ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक

State Bank of India

ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)

10.00

Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).

38

(a). 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/लाभार्थी :**

Registrar IIT Bhubaneswar

Bhubaneswar, Department of Higher Education, Indian Institute of Technology (IIT), Ministry of Education (Registrar IIT Bhubaneswar)

**Splitting/विभाजन**

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता

Yes

**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता

Yes

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility

for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. 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 / Public Listed Company 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.

4. 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.

5. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) 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 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.

6. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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 / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

7. Reverse Auction would be conducted amongst 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

## **Digital Storage Oscilloscope ( 1 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/कमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

## Technical Specifications/तकनीकी विशिष्टियाँ

\* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
INPUT CHANNELS	Type of input channels	Analog
	Number of Analog Channels	4
	Record Length Per Analog Channel Simultaneously	50M points
	Sampling Rate Per Analog Channel Simultaneously	10 GS/sec
	Digital Channels	no
	Number of Digital Channels	NA
	Record Length Per Digital Channel Simultaneously	NA
	Sampling Rate Per Digital Channel Simultaneously	2GS/sec, NA
PERFORMANCE FEATURES	Bandwidth	4000.0 (megaHertz)
	Bandwidth Upgradability	yes
	Operating System	Non -Windows
DISPLAY	Display Type	colour TFT
	Minimum Display Size	15.0 (inch)
MEASUREMENTS FEATURES	Vertical Sensitivity	500?V/Div to 10 V/div
	Vertical Resolution	12.0 (bit)
	Frequency Analysis Feature	yes
	In-built Frequency Counter	yes
	In-built Function Generator	no
	Time Base Accuracy	0.1 (parts per million)
GENERIC	Memory Upgradability	yes
	Segmented Memory Feature Availability	yes
	Coupling	AC, DC
	Trigger Types	Edge, pulse width, pattern/state, runt, setup/hold, pattern
	Measurements	Math function-Add, subtract, multiply, divide, Automatic Measurements of Amplitude and time, FFT (phase), low-pass filter, Frequency Domain function, Time & Voltage cursors, FFT (magnitude), Automatic Measurements related to combination,histogram and communication, NA

Specification	Specification Name/विशिष्ट का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Acquisition Modes	Normal, Peak Detect, Averaging, High Resolution, Roll Mode, Sample, Envelope
	I/O Interface	USB, LAN Port/GPIB, Software for waveform analysis
OPERATING CONDITION	Minimum Operating Temperature	0.0 (degree Celsius)
	Maximum Operating Temperature	50.0 (degree Celsius)
	Operating Humidity (RH)	90.0 (percent)
SERVICE	<b>Warranty</b>	1, 2, 3, 4, 5 Or higher (year)
TEST REPORT DETAILS & TESTS	conformity to Dry Heat for 16 hrs at specified maximum temp , in accordance with IS:9000/part-3/section-5/1977 latest	no
	conformity to Damp Heat (Cyclic)Test for 2 Cycles of 24 h each at a temp of 40 degree C & 95% RH in accordance with IS:9000/part-5/section-1/ 1991 latest	no
	conformity to Cold Test for 4 hrs at specified minimum temp in accordance with IS:9000/part-2/section-4/1977 latest	no
	<b>Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification</b>	yes

#### Additional Specification Parameters - Digital Storage Oscilloscope ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Additional specification 1	Analog Bandwidth - 4 GHz upgradable upto $\geq 10$ GHz, No. of Channels - 4 Analog Channels and Expandable upto 32 Digital Channels. Warranty of the Product have 03 Years onsite OEM Warranty from the date of installation/commission & acceptance by the user.
Additional specification 2	Sample rate on each channel greater than or equal to 25 Gsamples/s Per channel and 50 GS/s on 2 Channels, Standard memory greater than or equal to 62 Mpts per channel, ADC resolution - 12 bits

Specification Parameter Name	Bid Requirement (Allowed Values)
Additional specification 3	Spectrum - Standard Spectrum Functions on all channels Frequency-domain analysis with independent controls for frequency and time domains. Also should support for upgrade for features like:- Magnitude - The instantaneous amplitude of the spectrum vs. time. • Frequency - The instantaneous frequency of the spectrum relative to the centre frequency vs. time. Phase - The instantaneous phase of the spectrum relative to the centre frequency vs. time.
Additional specification 4	Accessories - Passive Probes 10X Probes, 1000 MHz - 4 Nos., BNC-SMA Adapters - 4 Nos. Record Length Per Analog Channel Simultaneously: 50 M points. Vertical Sensitivity: 500mV/Div to 10 V/div
Additional specification 5	Service Centre - OEM should have NABL calibration and Service centre in India. Document with address to be provided along with the bid.

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

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Vijay Shankar Pasupureddi	752050, Indian Institute of Technology Bhubaneswar Argul, Jatni Dist-Khurda, Bhubaneswar-752050	1	60

**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 by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

**2. Generic**

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 1 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

**3. Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

**4. OEM**

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

## 5. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

## 6. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

## 7. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

**i) Bidders must submit the Similar Purchase Order copies executed in Institutes of National Importance like, IITs, NITs, IISERs, NISER, Central Universities etc. Failure to submit the same, Bid may be rejected.**

**ii) Bidders must submit the Manufacture Authorization Form, Declaration for Local Content duly signed by OEM as per Annexures attached. Failure to submit the same, Bid may be rejected.**

**iii) Bidder must submit the Bidder Details, Acceptance for Bid Terms and Conditions, Bid Securing declaration certificate and Vendor Master Form as per Annexures attached. Failure to submit the same, Bid may be rejected.**

**iv) Bidder must submit the undertaking regarding restrictions on Land Border Sharing as per GoI, Ministry of Finance, Department of Expenditure letter No F.7/10/2021-PPD and F.7/10/2021-PPD all dt 23.02.2023 as per Annexure attached in GeM Bid.. Failure to submit the same, Bid may be rejected.**

**v) Payment Term : 100% payment will be made after delivery, installation & satisfactory acceptance by the user subject to submission of all requisite documents i.e PBG 10% of total order Value(if applicable), Delivery Challan, Original Tax invoice, Warranty Certificate, Installation Certificate etc. If the supplier fails to submit the PBG, Institute will release 90% payment and balance 10% will be released after completion of warranty period + 2 months only.**

**vi) DELIVERY WITH INSURANCE: The date of delivery should be strictly adhered to failing which the purchase order is liable to be cancelled. Penalty may be imposed as per P.O. terms & conditions. Goods should be securely, safely and adequately packed, insured & dispatched at the risk of supplier and packing costs quoting this order reference should be kept in all package. Local firms are requested to deliver the goods in our stores before 3.00 PM on any working day.**

**vii) All damaged or unapproved goods shall be returned at your cost & risk and the incidental expenses incurred thereon shall be recoverable from any of your bill.**

**viii) PERFORMANCE BANK GUARANTEE (PBG): The successful Bidder has to submit Performance Security of 10% of the total order value on or after commission of equipment. Performance Security must be valid for 38 (Thirty Eight) months i.e. 2 months beyond the warranty period to cover the warranty. Performance security is to be issued and sent directly from an Indian Scheduled/Nationalized bank. PBG period starts from the date of the successful installation of the equipment. In case of non-submission of PBG, the equivalent amount will be kept on hold from the Bill amount till completion of Warranty Period + 2 Months. PBG period will start from the date of the installation.**

**ix) WARRANTY: Ordered materials should have 03 Years onsite OEM Warranty from the date of installation/commission & acceptance by the user. In case at the time of installation of stores / part of stores are found defective / damaged during or after delivery to consignee, the supplier will replace the stores. If the stores / part of stores are found defective / damaged during the warranty period, the supplier will repair/replace the stores at consignee's location in India free of cost or if any case it is required to send back to Foreign/Local manufacturer, supplier should bear the cost. Bank Guarantee equivalent to the cost of equipment is required to be submitted before lifting the store. All expenses including freight, insurance, custom duty for export/import and all clearance charges etc. in this regard will be borne by the supplier. The equipment under warranty period must be attended & problems rectified immediately within 48 hours of lodging of complaint by the Institute and this may be considered as the down time. The warranty period shall automatically be extended for such period for which the equipment is not attended & rectified on lapses of the down time.**

**x) Delivery period : Delivery, installation, commissioning & demonstration should be completed within 60 days from the date of the issue of the GeM Contract.**

**xi) LIQUIDATED DAMAGES: As time is the essence of this order, the date of delivery, Installation, and Commissioning should be strictly adhered to, otherwise the delivery, Installation, and Commissioning in full or in part may not be accepted and penalty for late delivery/Installation/ Commissioning will be imposed @ 0.5% of the contract value per week or part of the week of the delayed period, subject to a maximum of 10% of the total value of supply order & beyond 10% subject to approval of the Competent Authority of the Institute. In case of cancellation of order no compensation will be paid towards progress of order/procurement.**

**xii) CANCELLATION: Printed conditions, if any, contained in or sent along with the quotation shall not be binding on us. IIT Bhubaneswar reserves all the rights cancel the Purchase Order at any stage without assigning any reason thereof.**

**xiii) JURISDICTION: For any dispute, the place of jurisdiction shall be Bhubaneswar, India only.**

**xiv) Bidder's annual turnover of last three financial years must be submitted duly certified by Chartered Accountant.**

**xv) IIT Bhubaneswar reserves the right to accept or reject or cancel any or all enquiries or quotations at any stage without assigning any reason thereof.**

**xvi) False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Finance Rules along with such other actions as may be permissible under law.**

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

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

### **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. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

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.
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.

[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---**