

Bid Document

Bid Details	
Bid End Date/Time	15-09-2022 19:00:00
Bid Opening Date/Time	15-09-2022 19:30:00
Bid Offer Validity (From End Date)	100 (Days)
Ministry/State Name	Ministry Of Education
Department Name	Department Of Higher Education
Organisation Name	Indian Institute Of Technology Kanpur
Office Name	Kanpur
Total Quantity	1
Item Category	Digital Storage Oscilloscope (Q3)
Minimum Average Annual Turnover of the bidder (For 3 Years)	15 Lakh (s)
OEM Average Turnover (Last 3 Years)	62 Lakh (s)
Years of Past Experience Required for same/similar service	2 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	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
Past Performance	70 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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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. 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.
4. 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.
5. 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.
6. 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 .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

7. 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.

8. 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.

9. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 70% 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.

Digital Storage Oscilloscope (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
INPUT CHANNELS	Type of input channels	Analog
	Number of Analog Channels	2
	Record Length Per Analog Channel Simultaneously	4M points
	Sampling Rate Per Analog Channel Simultaneously	20 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	2500.0
	Bandwidth Upgradability	yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Operating System	Non -Windows
DISPLAY	Display Type	colour TFT
	Minimum Display Size	12.0
MEASUREMENTS FEATURES	Time Base Accuracy	2.0
SERVICE	Warranty	3, 4, 5 Or higher
TEST REPORT DETAILS & TESTS	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited lab to prove conformity to the specification	NO

Additional Specification Parameters - Digital Storage Oscilloscope (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
1- Minimum Bandwidth 2- Minimum number of Channels 3- Sampling Rate 4- Memory depth 5- Waveform update rate	1- 2.5GHz with upgradation option 2- 2 Analog Channels (upgradable to 16 - digital Channels) 3- 20GSa/s or above on all channels 4- Maximum 4 Mpts with standard segmented memory 5- 400,000 waveforms/s or better
6- Noise floor 7- Time base range 8- Measurements	6- 150 microVrms at 1mV/Div or better 7- 100 ps/div to 50 s/div; Time base accuracy: 2.2 ppm 8- Automatic measurements include voltage, time and frequency, Math functions include FFT along with statistical & histogram view, advance math function with various transforms, filters, measurement trend and magnify functionality.
9- Other Features 10- Trigger modes	9- 10-digit frequency counter and totalizer capability (64bit totalizer counter) with measurement feature of frequency, period and totalize 10- Normal, Auto, Single, force with trigger types: Edge, Pulse, video, hardware based zone trigger, runt, setup/hold, pattern, burst, rise/fall time etc
11- Display 12- I/O Interface 13- Operating temperature 14- Warranty 15- Standard Reports	11- 12-inchs or better capacitive touch screen and independent knobs for each channel. 12- USB, LAN and VGA connectivity with compatible software 13- 0 to 50-degree C. MTBF should be at least 120,000 hrs. 14- Standard 3 Years warranty on main instrument with calibration cycle of 2 - years. 15- Manufacturer should have NABL accredited Cal Lab and service centre in India for better support.

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Manoj Kumar Duklan	208016,Central Store & Purchase Section, IIT Kanpur, GT Road, Kalyanpur 208016 (UP)	1	30

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	Additional Technical Specifications for DSO (Required Actual item-Mandatory for All Bidders) View	Please see the attachment.	Digital Storage Oscilloscope(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.

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 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. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

High-Frequency Digital Storage Oscilloscope

Technical Specification (Mandatory) - Actual item Required with these Specifications

1. Minimum Bandwidth: 2.5GHz with upgradation option.
2. Minimum number of Channels: 2 Analog Channels (upgradable to 16 - digital Channels)
3. Sampling Rate: 20GSa/s or above on all channels
4. Memory depth: Maximum 4 Mpts with standard segmented memory
5. Waveform update rate: 400,000 waveforms/s or better
6. Noise floor 150 microVrms at 1mV/Div or better
7. Time base range: 100 ps/div to 50 s/div; Time base accuracy: 2.2 ppm
8. Automatic measurements include voltage, time and frequency, Math functions include FFT along with statistical & histogram view, advance math function with various transforms, filters, measurement trend and magnify functionality.
9. 10-digit frequency counter and totalizer capability (64bit totalizer counter) with measurement feature of

frequency, period and totalize

10. Trigger modes: Normal, Auto, Single, force with trigger types: Edge, Pulse, video, hardware based zone trigger, runt, setup/hold, pattern, burst, rise/fall time etc..

11. 12-inches or better capacitive touch screen and independent knobs for each channel.

12. USB, LAN and VGA connectivity with compatible software

13. Operating temperature: 0 to 50-degree C. MTBF should be at least 120,000 hrs.

14. Standard 3 Years warranty on main instrument with calibration cycle of 2 - years.

15. Manufacturer should have NABL accredited Cal Lab and service centre in India for better support.

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Terms and Conditions (As per GeM)

1. General Terms and Conditions-

1.1 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

1.2 Terms of delivery: Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.

1.2.1 Contracted goods should be delivered at the consignee or designated delivery location as per the working time of the buying organisation. Seller may get the same confirmed from consignee before scheduling delivery.

1.2.2 A copy of the contract should be available with the messenger / dispatching agency that delivers the Goods at consignee / delivery location (preferably pasted / attached outside the consignment / package) for easy reference and ease in delivery acceptance.

1.3 Delivery period: The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

1.4 Performance Security: If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

1.5 Taxes and Duties: Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

1.6 Octroi Duty and / or other local taxes: Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of

local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

1.7 Limitation of Liability: The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

1.8 Resolution of disputes: The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

1.9 Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

1.10 Financial Certificate:

1.10.1 The expenditure involved for this purpose has received the Sanction of the competent financial authority.

1.10.2 The funds are available under the proper head in the sanction budget allotment for the concern financial year.

1.10.3 I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

1.11 The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

2. Buyer Added Bid Specific Terms And Conditions-

2.1 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.

2.2 Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 2 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

2.3 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 %.

2.4 End User Certificate: Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.

2.5 Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

2.6 - NA

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

2.8 Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

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

2.10 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

2.11 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.

2.12 Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

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

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

2.15 Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

2.16 To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): OEM or OEM Authorization.

2.17 Warranty period of the supplied products shall be as given in specifications 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.

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

20. Past Project Experience

For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:

- a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
- b. Execution certificate by client with order value.
- c. Any other document in support of order execution like Third Party Inspection release note, etc.

21. Past Project Experience

The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e.current year and three previous financial years) as on opening of bid, as per following

criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should

be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

Note:

1- See Additional Document attached in ATC Documents which needs to be submitted. (Mandatory)

Additional T&C (If Any) - See Attachment in ATC For Specifications or BID related Certificates (Mandatory)

3. Buyer Added Bid Specific ATC

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

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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 incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. 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. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[This Bid is also governed by the General Terms and Conditions](#)

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.

---Thank You---