

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	26-06-2026 11:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	26-06-2026 11:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	120 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Education
विभाग का नाम / Department Name	Department Of Higher Education
संगठन का नाम / Organisation Name	Indian Institute Of Technology (iit)
कार्यालय का नाम / Office Name	Abv-iiitm Gwalior, Madhya Pradesh
शिकायत निवारण के संपर्क विवरण / Contact details of Grievance redressal	anilg@iiitm.ac.in
कुल मात्रा / Total Quantity	313
वस्तु श्रेणी / Item Category	DC Power Supply 300V 6A , Auxiliary DC Power Supply , Rheostat Load , MOSFETs , Power Diodes , Electrolytic capacitors , Ceramic Capacitors , Inductors , Copper Clads , Universal PCBs , TL494 , IR2110 , 4-Channels - Digital Storage Oscilloscope , Differential Voltage Probes , Current Probes , Volatge Sensors , Current Sensors , Soldering Station
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	DC Power Supply 300V 6A, Auxiliary DC Power Supply, Rheostat Load, MOSFETs, Power Diodes, Electrolytic capacitors, Ceramic Capacitors, Inductors, Copper Clads, Universal PCBs, TL494, IR2110, RIGOL DHO814 4-Channels, Differential Voltage Probes, Current Probes, Volatge Sensors, Current Sensors, Soldering Station
	<p>Searched String: DC Power Supply 300V 6A</p> <p>DC Regulated Power Supply As Per MHA QRs, Small Angle Grinders, Portable Power Supply Unit, Switch Mode Power Supply (V2) Conforming To IS 14886 (Under BIS Scheme - II), V - Belts - Endless V - Belt for Industrial Purposes as per IS 2494, Switching Power Supply for Wireless Application, Electrical Power Connector, Portable Single Operated Rectifier Type DC Arc Welding Set Suitable for Manual Arc Welding Process as per IS 4559, Online UPS (≤10 KVA) Without Battery Conforming To IS 16242 (Part 1), high performance power supplies</p> <p>Searched String: Auxiliary DC Power Supply</p> <p>DC Regulated Power Supply As Per MHA QRs, high</p>

बिड विवरण / Bid Details

performance power supplies, Portable Power Supply Unit, Switching Power Supply for Wireless Application, Switch Mode Power Supply (V2) Conforming To IS 14886 (Under BIS Scheme - II), Portable Single Operated Rectifier Type DC Arc Welding Set Suitable for Manual Arc Welding Process as per IS 4559, Electrical Power Connector, Online UPS (≤ 10 KVA) Without Battery Conforming To IS 16242 (Part 1), Combination therapy with 2 channel electrotherapy, vaccum and dual frequency ultrasound, Online UPS (≤ 10 KVA) With Battery Conforming To IS 16242 (Part 1)

Searched String: Rheostat Load

Rheostat Kit For Educational Purpose, Electronic Weighing Scales, RLC Load, load balancer, Cloth Dryer Stand, WAN Load Balancer (Link Load Balancer), Polyester Webbing Slings, DC Electronic Load, Classroom Stools, Point Load Tester

Searched String: MOSFETs

Category not available on GeM for the text string uploaded by the buyer

Searched String: Power Diodes

Power Tiller, Diesel Power Generator (up to 900 KVA), Power sprayer, Power Harrow, Wheel Chairs (V2), Power Analyser, Whistle (V2), Power Transducer, Ultrasonic Probe Sonicator, Power cage

Searched String: Electrolytic capacitors

Capacitors for Electric Fan Motors as per IS 1709 (V2), Electrolyte Analyzers (V2), Shunt Power Capacitors (Self - Healing Type) Marked to IS 13340 (Part 1) (V2), A.C. Motor Capacitors ISI Marked to IS 2993 (Part 1), Shunt Power Capacitors of the Self - Healing Type for AC Systems as per IS 13340 (Part 1), Electrolyte Analyzer, Wire Rope For Wire Rope Barrier, Common Salt For Chemical Industries (V2) Conforming to IS 797, 7 Watt White-LED Based Solar Street Lighting System As Per MNRE Specification, Electric Ceiling Fan (V4) ISI Marked to IS 374

Searched String: Ceramic Capacitors

Capacitors for Electric Fan Motors as per IS 1709 (V2), Clinical incubators or infant warmers, Brushable Ceramic, Ceramic Fiber Tape, Pressed Ceramic Tiles (V2), Ceramic Fiber Rope, Ceramic fibre Paper, Hot air gun, Inert Ceramic Balls, Ceramic Products from Bulandshahr - ODOP

Searched String: Inductors

Inline Inductor, Whistle (V2), Foam Making Branch - FB 10X (Jet) with Inline Inductor as per IS 2097:2012 (Latest Amendment)

Searched String: Copper Clads

Copper Jumper, Copper carbonate, Earthing Rod, Copper Nickel Pipe, Copper alloy Taps/Stop Valves (V2) Conforming to IS 8931, Copper Tube-BHEL, PVC Insulated Unsheathed Cable with Flexible Conductor ISI Marked To IS 694, Copper Patch Cord, PVC Insulated Copper Cable Single Core and Multi Core Circular Sheathed with Rigid Conductor (V2) ISI Marked To IS 694, Copper Standard Solution

GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS

बिड विवरण/Bid Details Searched String: Universal PCBs

Universal Indicator, Universal Pipette Tips (V2), Universal tractor oils, Universal Bevel Protractor, HYDRAULICALLY REGULATED DOOR CLOSERS, Universal Puller Set, Universal Power Flow Controller, Digital pH Meter, ATM Universal testing machine, Bag Kit Universal (Defence)

Searched String: TL494

Locking Compression Plates (V2), Hemodialysis Catheter Kit, Safes (V3) ISI Marked to IS 550

Searched String: IR2110

FTIR MID and NEAR IR DUAL RANGE WITH ATR, Single and dual beam IR sensor, LCR Meter, SPECTROPHOTOMETER

Searched String: RIGOL DHO814 4-Channels

Video Recorder for CCTV System (V2), Spectrum Analyzers and Vector Network Analyzers, Power Quality Analyzer, function generator, Audio Digital Signal Processor, Analog Oscilloscope, Holter with Monitor for analysis

Searched String: Differential Voltage Probes

Differential Pressure Switch (BHEL), XLPE Cable for Working Voltage up to and Including 1.1 KV Marked To IS 7098 (Part 1), Differential Reinforced Clostridial Broth (DRCM), Current Probe, Ultrasonic Probe Sonicator, Voltage Monitor Relay, XLPE Cables for Working Voltages From 3.3 KV up to and Including 33 KV as per IS 7098 (Part 2), Hight Voltage Detector, High Voltage Probe, pH Meter

Searched String: Current Probes

Current Probe, Ultrasonic Probe Sonicator, Current Collector, AC Current Transducer, pH Meter, DC Current Transducer, Residual Current Operated Circuit Breakers (RCCB) without Integral Overcurrent Protection ISI Marked To IS 12640 (Part 1), 15 kV Neutral Current Transformer for Sub-stations / Power Houses (PSPCL), Substation Clamps / Connectors, AC Current Transducer (V2)

Searched String: Volatge Sensors

Sensors for Continuous cardiac output monitor, Breath Analyser, Package No. 1 - ATAL TINKERING LAB OF NITI AAYOG ELECTRONICS DEVELOPMENT, ROBOTICS, INTERNET OF THINGS AND SENSORS, Agriculture Monitoring and Automation Systems, Temperature controlled soldering station, Mineral Insulated Thermocouple, Inductive Proximity Sensor, Automatic Door sensor, Electromagnetic flowmeter, Occupancy sensor

Searched String: Current Sensors

Sensors for Continuous cardiac output monitor, Residual Current Operated Circuit Breakers (RCCB) without Integral Overcurrent Protection ISI Marked To IS 12640 (Part 1), Current Collector, Current Probe, Breath Analyser, AC Current Transducer, Mineral Insulated Thermocouple, DC Current Transducer, Substation Clamps / Connectors, 15 kV Neutral Current Transformer for Sub-stations / Power Houses (PSPCL)

Searched String: Soldering Station	
बिड विवरण / Bid Details	
	SMD Rework Station, Temperature controlled soldering station, Soldering and Desoldering Station with digital display, Sit Up Board - Outdoor Gym Equipment, Electric Soldering Iron, Modular Work Stations (V3), Soldering Clamp Holder, electronic total station, Shampoo Station, Charging Station
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> • DC Regulated Power Supply As Per MHA QRs • Current Probe • Digital Storage Oscilloscope
बीओक्यू शीर्षक /BOQ Title	BTech Power Electronics laboratory setup
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	5 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)	40 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Relaxation for Years Of Experience and Turnover	Yes Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years Of Experience and Turnover	Yes Complete
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,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 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 लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7

बिड विवरण/Bid Details	
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
विगत प्रदर्शन / Past Performance	20 %
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
प्राथमिक उत्पाद श्रेणी/ Primary product category	4-Channels - Digital Storage Oscilloscope
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

एडवाइजरी बैंक/Advisory Bank	Bank of India
ईएमडी राशि/EMD Amount	50000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	14

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई कटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). 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.

(c). ईएमडी और संपादन जमानत राशि लाभार्थी के पक्ष में होनी चाहिए। / Earnest Money Deposit (EMD) shall also be accepted by

the buyer in the form of a surety bond.

लाभार्थी /Beneficiary :

Director, ABV-IIITM, Gwalior
Abv-iiitm Gwalior, Morena Link Road, Gwalior - 474015
(Director, Abv-iiitm, Gwalior)

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/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% / Purchase Preference to MSE OEMs/ Service Provider available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference	25

1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the

"OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.

3. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.

4. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.

5. 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.

6. 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.

7. 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.

8. 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 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

9. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate 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. In respect of bid for Services, the bidder must be the Service provider of the offered Service. 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. 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 in case of product bids, whereas in case of services the eligibility is automatically validated. 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.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.

10. 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.

11. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% 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.

12. 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:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- 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
- 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

DC Power Supply 300V 6A

(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

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	4	30

Auxiliary DC Power Supply

(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

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	8	30

Rheostat Load

(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

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	6	30

MOSFETs

(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

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	25	30

Power Diodes

(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

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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
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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	25	30

Electrolytic Capacitors

(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

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	25	30

Ceramic Capacitors

(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

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	25	30

Inductors

(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

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	20	30

Copper Clads

(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)

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	25	30

Universal PCBs

(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

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	25	30

TL494

(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)

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क्र.सं./S.N o.	परिष्ठी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	50	30

IR2110

(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

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क्र.सं./S.N o.	परिष्ठी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	50	30

4-Channels - Digital Storage Oscilloscope

(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

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	3	30

Differential Voltage Probes

(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

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	5	30

Current Probes

(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

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	1	30

Volatge Sensors

(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)

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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	7	30

Current Sensors

(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

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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	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	7	30

Soldering Station

(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

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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
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क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Anil Kumar Garg	474015,ABV-IIITM Gwalior, Morena Link Road, NH #92, Gwalior, Madhya Pradesh Pin - 474010	2	30

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. Forms of EMD and PBG

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

Director, ABV-IIITM, Gwalior
Account No.
945210110000969
IFSC Code
BKID0009462
Bank Name
Bank of India
Branch address
ABV-IIITM, Gwalior, Morena Link Road, Gwalior-474015

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

2. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

Director, ABV-IIITM, Gwalior
Account No.
945210110000969
IFSC Code
BKID0009462
Bank Name
Bank of India
Branch address
ABV-IIITM, Gwalior, Morena Link Road, Gwalior-474015

. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

3. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Additional Terms and Conditions:

Bidders are requested to fill in the attached forms (Appendix-01 to Appendix-05) under the AT C clause and upload the duly filled forms along with the bid documents at the time of bid submission.

Criteria for Earnest Money Deposit (E.M.D):

a) It is pertinent to mention that **the benefit of EMD exemption and purchase preference under MSME shall be applicable only to manufacturers of the respective goods (i.e. Digital Storage Oscilloscope as a primary product in this Bid).** Any trader, including an authorized dealer of the OEM, submitting an MSME certificate shall not be considered under the MSME category for this bid, and the benefit of EMD exemption shall not be applicable to such firms. Micro and Small Enterprises (MSEs) must hold a valid Udyam Registration, and their credentials shall be verified through the Udyam portal and supporting documents by the Institute.

b) For availing EMD exemption, the firm must claim exemption under the relevant category on the GeM Portal; otherwise, the EMD exemption claim shall not be considered, and the bid shall be rejected. For instance, if a Micro and Small Enterprise (MSE) firm manufacturing the offered product seeks EMD exemption based on an MSME Udyam Certificate, it must claim exemption under the 'MSE Category' option on the GeM Portal. If the firm claims exemption under any other category while submitting an MSME Udyam Certificate, such claim shall not be considered, and the bid shall be rejected.

Declaration of Local Content: Bidder need to submit completely filled declaration of Local Content format regarding Compliance of Make IN India Policy Compliance attached with Buyer Added bid specific ATC document.

If the bidder is reseller, it is mandatory to submit certificate from OEM for country of origin and it is also to be mentioned in local content certificate.

All other terms and conditions as stipulated under the GeM General Terms and Conditions (GTC) shall be applicable to this bid.

B. Tech Power Electronics Laboratory (Phase-I)				
S. No.	Item Description	Specifications	Qty	Complied (Yes / No) Offered make
1	DC Power Supply 300V 6A	MPS-1800S-300-6 300V 6A 1800W, Input 198 ~242VAC	4	
2	Auxiliary DC Power Supply	30V/5A Variable Adjustable Switching Power Source DC Power Supply	8	
3	Rheostat Load	500 Ohm-500 Watt	6	
4	MOSFETs	MOSFETs TO247 200V 20A N-CH MOSFET	25	
5	Power Diodes	Rectifiers Diode, Fast, D8x7.5_LowRth, 200V, 20A, 150C	25	
6	Electrolytic capacitors	330uF 200V ±20% Plug in, D18xL30mm Aluminium Electrolytic Capacitors	25	

7	Ceramic Capacitors	470 pF, 200 V dc Multilayer Ceramic Capacitor, $\pm 5\%$	25	
8	Inductors	High Current Toroidal Inductor 10 A, 1mH	20	
9	Copper Clads	6x4 inch (15x10 cm), Copper Clad FR4 GLASS EPOXY (Double Sided)	25	
10	Universal PCBs	6x4 inch (15x10 cm), Universal PCB Prototype Board Double-Side	25	
11	TL494	Switching Controllers PWM Controller (With base)	50	
12	IR2110	High and Low Side Driver (With base)	50	
13	4-Channels - Digital Storage Oscilloscope	Digital Storage Oscilloscope 100MHz, 4 Channels, 1.25GSa/s Sampling Rate, 25Mpts Memory Depth, 1,000,000 wfms/s Waveform Capture rate	3	
14	Differential Voltage Probes	RP1025d, 25 MHz	5	
15	Current Probes	RP1001C, 300 kHz	1	
16	Voltage Sensors	LV 20-P	7	
17	Current Sensors	LA 100-P	7	
18	Soldering Station	Hot Air Rework Station with Soldering Iron	2	

Tender Specifications for programmable DC power supply Qty-1 Nos

	Parameters	Tender Specification	Specification of the Offered Make
Rated output	Voltage	0~150V	
	Current	0~20A	
	Power	850W	
Load regulation			
	Voltage	$\leq 0.01\% + 40\text{mV}$	
	Current	$\leq 0.1\% + 10\text{mA}$	

Line regulation	Voltage	$\leq 0.01\% + 30\text{mV}$	
	Current	$\leq 0.1\% + 10\text{mA}$	
Programming resolution	Voltage	100mV	
	Current	10mV	
Readback resolution	Voltage	100mV	
	Current	10mV	
Programming accuracy	Voltage	$\leq 0.03\% + 100\text{mV}$	
	Current	$\leq 0.1\% + 20\text{mA}$	
Readback accuracy	Voltage	$\leq 0.03\% + 200\text{mV}$	
	Current	$\leq 0.1\% + 20\text{mA}$	
Ripple	Voltage	$\leq 150\text{mVp-p}$	
	Current	$\leq 30\text{mA rms}$	
Rise Time	Voltage	$\leq 300\text{ms}$	
	Current	$\leq 1\text{s}$	
Fall time	Voltage	$\leq 5\text{s}$	
	Current	$\leq 200\text{ms}$	
Size (mm)		214.5W×88.2H×445D	
Weight		6 kg or less	
Warranty ne Year			0
Communication Interface s		Built-in RS232, GPIB, USB	
Cooling		Forced air cooling	
Operating Temperature		0°C to 40°C	
Rear Panel Terminals		All parameters specified at rear output	

Tender Specifications for Digital Storage Oscilloscope Qty -1 Nos

S. No.	Parameters	Tender Specification	Specification of the Offered Make
1	Bandwidth	250 MHz or better	
2	Type of Channels	Analog+Digital	
3	No. of channels	4+16 or more	

4	Max. Sample rate	1.25 Gsa/s or better	
5	Max. Memory dpth	50 Mpts or better	
6	Max. Waveform Update Rate	30,000 wfms/s or better	
7	Vertical Resolution	12 Bit Hardware ADC or better	
8	Max. Vertical sensitivity	200uV/Div to 10 V/Div or beeter	
9	Max. Horizontal Sensitivity	2 ns/div to 500s/div or better	
10	Trigger Mode	Edge trigger, Pulse trigger, Slope trigger, Video trigger, Pattern trigger, Duration trigger, Timeout trigger, Run trigger, Window trigger, Delay trigger, Setup/Hold trigger, Nth Edge trigger, RS232/UART, I2C, SPI, CAN, and LIN or more	
11	Math Function	A+B, A-B, A×B, A/B, FFT, A&&B, A B, A^B, !A, Intg, Diff, Sqrt, Lg, Ln, Exp, Abs, AX+B, LowPass, HighPass, BandPass, and BandStop. Should have capability to show multiple Math window simultaneously upto 4 nos.	
12	Recording	Stores the signal under test in segments according to the trigger events, that is, saves all the sampled waveform data as a segment to the RAM for each trigger event. The maximum number of the sampled segments reaches 500,000.	
13	Operating Temp	0°C to 50°C	
14	Digital Channels	16 Digital Ch	
15	Display	7" (1024x600) capacitive multi-touch screen	
16	Interface	USB Device & Host, LAN, and HDMI interfaces (std.)	
17	Serial Decode	Parallel, RS232/UART, I2C, SPI, LIN, and CAN	
18	Time Base Accuracy	±25 ppm ± 5 ppm/year	
19	Warranty	Three years	

Tender Specifications for High Voltage Differential Active Probe QTY 2 Nos

Spec Category	Tender Requirement	Specification of the Offered Make
Probe Type	High Voltage Differential Active Probe	
Bandwidth	≥25 MHz at -3 dB	
Attenuation Ratio	Must support X20, X50, X200 switchable modes	
Input Voltage Range (DC + peak AC)	Must support ±1400 V (DC + peak AC) or more in 200:1 mode	
Input Impedance (Differential)	≥4MΩ	
Input Capacitance (Differential)	≤1.2 pF	
CMRR (Common Mode Rejection Ratio)	60Hz: > 80dB 100Hz: > 50dB 1MHz: > 50dB	
Power Supply	Must be powered via external adapter (9V DC or similar)	
Output Voltage	≤ ±6.5V or higher	
Cable Length	1m	
Probe Tip Compatibility	Probe must support replaceable tips or lead sets with insulated grabbers	
Included Accessories	Must include differential input leads, ground leads, insulated probe tips, power supply	
Warranty	≥1-year warranty minimum	
OEM Should be registered in India & documentary proof should be submit.		
OEM Should have their OWN service Center in India for better service support		
Availability of Calibration reports & certification is required.		

Tender Specifications for Current Probe QTY 1 Nos

Tender Requirement	Tender Specification	Specification of the Offered Make
Measurement type	AC/DC current measurement via clamp with BNC output	
Sensitivity / Ranges	10 mV/A and 100 mV/A selectable	

Frequency Range / Bandwidth	DC to 300 kHz (-3 dB)	
Maximum Current	100 A peak, 70 A RMS; 200 A peak-to-peak	
Voltage Rating / Safety	CAT II up to 600 V; CAT III up to 300 V	
Conductor Diameter	Max: 11 mm (clamp opening)	
DC Accuracy	100 mV/A: $\pm 3\%$ ± 50 mA (50 mA-10 A); $\pm 15\%$ max (40 A-100 A); 10 mV/A: $\pm 4\%$ ± 50 mA (500 mA-40 A)	
Gain vs. Frequency	Typical gain vs. frequency curve provided	
Max Current vs. Frequency	Frequency derating curve provided	
DC Linearity	Typical DC linearity curve for 10 mV/A range	
Phase vs. Frequency	Typical phase vs. frequency data	
Power Supply	9 V battery (alkaline), ~13 h life; AC adapter supported	
Output / Connectors	BNC interface; includes BNC-to-banana adapter and coax cable	
Dimensions / Weight	280 x 70 x 32 mm; ~260 g (without battery)	
Environmental Spec	Operating: 0-50 °C; Storage: -20-80 °C; Humidity: up to 95% at 40 °C	
Safety Certifications	EN 61010-1, EN 61010-2-032 compliance	
Warranty-	1 year	

Appendix-1

TENDER ACCEPTANCE LETTER
(To be given on Bidder's Letter Head)

Date:

To,
The Director,
ABV-IIITM, Morena Link Road,
Gwalior, Madhya Pradesh - 476015

Sub: Acceptance of Terms & Conditions of Tender.

Bid/Tender Reference No:

Name of Bid/Tender / Work: -

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: as per your advertisement, given in the above mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. to (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred/ terminated/ banned by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by our Firm/Bidder is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Appendix-2

Certificate for Tender
(To be given on Bidder's Letter Head)

Date:.....

To,
The Director,
ABV-IIITM, Morena Link Road,
Gwalior, Madhya Pradesh - 476015

Sub: Certificate of compliance as per Rule 144 (xi) GFR's 2017

Bid/Tender Reference No:

Name of Bid/Tender / Work:.....

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Appendix-3

Declaration for Local Content
(To be given on Bidder Letter Head)

Date:.....

To,
The Director,
ABV-IIITM, Morena Link Road,
Gwalior, Madhya Pradesh - 476015

Sub: Declaration of Local content

Bid/Tender Reference No:

Name of Bid/Tender / Work:.....

1. Country of Origin of Goods being offered:.....
2. We hereby declare that items offered has % local content.....

"Local Content" means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

"*False declaration will be in breach of 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 Financial Rules along with such other actions as may be permissible under law."

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Appendix-4

[Type the document title]
TO WHOMSOEVER IT MAY CONCERN

This is to certify that the Gross Turnover of M/s.having PAN..... add ressed atfor preceding three financial years are as follows:-

S.No.	Financial Year	Assessment Year	Turnover (₹)
1.	2022-23	2023-24	
2.	2023-24	2024-25	
3.	2024-25	2025-26	

Name of CA Firm:

Place:

M. No.:

Date:

UDIN:

Signature of the CA, with Official Seal

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Appendix-5

Bid Security Declaration Format
(To be given on Bidder's Letter Head)

Date:.....

To,

The Director,

ABV-IIITM, Morena Link Road,

Gwalior, Madhya Pradesh - 476015

Bid/Tender Reference No:

Name of Bid/Tender / Work:.....

I/We undersigned declare that:

- 1) I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.
- 2) I/We accept that I/We may be disqualified/debarred from bidding against ABV-IITM, Gwalior tenders for a period of one year from the date of notification if I/We are in a breach of any obligation under the bid conditions, because I/We
 - a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our bid during the period of bid validity specified in the form of Bid; or
 - b) having been notified of the acceptance of our Bid by the Institute during the period of bid validity (i) fail or refuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security within the timeline, in accordance with the instructions to Bidders & as per tender terms & conditions.
- 3) I/We understand this Bid Security Declaration shall cease to be valid on the Thirty First day from following,
 - a) If I am/we are not the successful Bidder, the receipt of your notification of the name of the successful Bidder; or
 - b) the expiration of the validity of my/our Bid or any extension thereof.

Signed: (insert signature of person whose name and capacity are shown)

In the capacity of (insert legal capacity of person signing the Bid Security Declaration)

Name: (insert complete name of person signing the Bid Security Declaration) Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on day of (insert date of signing) Corporate Seal (where appropriate)

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

4. Buyer Added Bid Specific ATC

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

5. 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.

6. Generic

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.

7. Generic

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly,

manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for 3 years 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 year. In case of bunch bids, the primary product having highest value should meet this criterion.

8. **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

9. **Turnover**

Bidder Turn Over Criteria: 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 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.

10. **Turnover**

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.

11. **Past Project Experience**

Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer ,is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid.All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM.If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such

suspension period has already expired.

4. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. 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 catalogues 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. 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.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

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---