

Bid Document/ बिड दस्तावेज़

| Bid Details/बिड विवरण | |
|--|---|
| Bid End Date/Time/बिड बंद होने की तारीख/समय | 03-03-2025 17:00:00 |
| Bid Opening Date/Time/बिड खुलने की तारीख/समय | 03-03-2025 17:30:00 |
| Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से) | 180 (Days) |
| Ministry/State Name/मंत्रालय/राज्य का नाम | Ministry Of Science And Technology |
| Department Name/विभाग का नाम | Department Of Science And Technology (dst) |
| Organisation Name/संगठन का नाम | Sree Chitra Tirunal Institute For Medical Sciences And Technology (sctimst) |
| Office Name/कार्यालय का नाम | Thiruvananthapuram |
| क्रेता ईमेल/Buyer Email | teceval56.sctimst.kl@gembuyer.in |
| Total Quantity/कुल मात्रा | 1 |
| Item Category/मद केटेगरी | Server (Q2) |
| MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है | Yes |
| Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है | Yes |
| Document required from seller/विक्रेता से मांगे गए दस्तावेज़ | Certificate (Requested in ATC), OEM Authorization Certificate, Additional Doc 1 (Requested in ATC), Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| Do you want to show documents uploaded by bidders to all bidders participated in bid?/ | No |
| Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया | No |
| 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 |
| Arbitration Clause | No |
| Mediation Clause | No |

EMD Detail/ईएमडी विवरण

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

ePBG Detail/ईपीबीजी विवरण

| | |
|--|---------------------|
| Advisory Bank/एडवाइजरी बैंक | State Bank of India |
| ePBG Percentage(%) / ईपीबीजी प्रतिशत (%) | 5.00 |
| 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 :

The Director, SCTIMST
Sree Chitra Tirunal Institute for Medical Sciences and Technology Biomedical Technology Wing, Poojappura, Trivandrum.
(The Director, Sctimst)

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. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023. [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

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

5. 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.

Server (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

[* जेम कटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

| Specification | Specification Name/विशिष्टि का नाम | Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य |
|---------------|------------------------------------|--|
| Processor | Processor Make | Intel |
| | Number of Cores per Processor | 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 64, 48, 44, 52, 56, 60, 84, 96, 112, 128 Or higher |

| Specification | Specification Name/विशिष्टि का नाम | Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य |
|--------------------|---|---|
| | Processor Base Frequency (GHz) | 3.6, 3.7, 3.8, 3.9, 4, 3.85, 4.05, 4.1, 4.5, 4.4, 4.2 Or higher |
| Motherboard | Maximum number of Sockets available on Server | 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 Or higher |
| | Maximum number of Sockets populated with Processors available on Server | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 Or higher |
| Co Processor / GPU | Availability of Co Processor /GPU | Yes, No Or higher |
| Memory | Type of RAM | DDR5 |
| SSD Storage | Type of Interface for SSD | SATA |
| HDD Storage | Type of Interface for Hard Disk Drive | SAS |
| RAID | No of RAID Controller Ports | 8 Or higher |
| | Speed of RAID Controller Ports (Gbps) | 12 Or higher |
| Ports & Interfaces | Number of Networking Interface Cards (LAN) | 2, 3, 4, 5, 6, 7, 8 Or higher |
| | Total Number of Ethernet Ports required in Server | 2x10G RJ 45, 2x1G |
| | Number of Single port FC HBA card | 0, 1, 2, 3, 4 Or higher |
| | Number of Dual port FC HBA card | 0, 1, 2, 3, 4 Or higher |
| | Number of Quad port FC HBA card | 0, 1, 2, 3, 4 Or higher |
| | FC HBA Speed (Gbps) | 8, 16, 32, NA Or higher |
| | Number of Converged Network Adaptor (CNA) | 0, 1, 2, 3, 4 Or higher |
| | Number of Ports per CNA card | Dual Port, Quad Port, NA Or higher |
| | CNA Port Speed (Gbps) | 10, 25, 40, 50, 100, 200, 0 Or higher |
| | Length of LC-LC Cable per SFP+ Port (meter) | 5, 10, 15, 0 Or higher |
| | Length of LC-LC Cable per HBA Port (meter) | 5, 10, 15, 0 Or higher |
| | Length of LC-LC Cable per CNA Port (meter) | 5, 10, 15, 0 Or higher |
| Certifications | Certifications/Compliance (OS) | Windows, Red Hat Linux, Suse Linux, Ubuntu |

| Specification | Specification Name/विशिष्ट का नाम | Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य |
|---------------|------------------------------------|---|
| Features | Management Features-1 | Remoter power On/ Shutdown of server,, Remote Management of Server over LAN & WAN with SSL encryption through gigabit management port,, Should have virtual Media support with all required licenses., Remote KVM, Server Health Logging, Out of Band Management |
| | Security Features-1 | Secure Boot(Firmware and Bios Level Security), Provision to lock the system on breach, Hardware root of trust/Dual Root of Trust, Server should provide policy based security, Server should provide server intrusion detection,, "Malicious Code Free design" (to be certified by OEM) |
| Generic | Power Supply Efficiency | Platinum, Titanium, Bronze Or higher |
| Warranty | On Site OEM Warranty (Year) | 5, 7 Or higher |

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

| S.No./क्र. सं. | Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी | Address/पता | Quantity/मात्रा | Delivery Days/डिलीवरी के दिन |
|----------------|---|---|-----------------|------------------------------|
| 1 | Veena L | 695012,Biomedical Technology Wing Sree Chitra Tirunal Institute for Medical Sciences & Technology Satelmond Palace, Poojappura, Thiruvananthapuram, Kerala, India Pin Code : 695012, Thiruvananthapuram, 695012 | 1 | 45 |

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

1. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

- Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 10 years' residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
- The installation should be supported with spares for a minimum period of 10 years after successful installation and commissioning. "All the spares and consumables required for the equipment should be made available through GeM throughout the agreed supporting period". (A line of confirmation should

be submitted along with the bid document.)

3. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.
4. **Compliance Sheet and Brochure** of the product(s) offered in the bid, are to be uploaded along with the bid documents. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
5. **Experience:** 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 **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.
6. **Scope of Supply** (Bid price to include all cost components): Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any) Installation, Commissioning, Testing, Configuration, Training (if any - whichever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller at consignee location free of cost. The payment will be released only thereafter.
7. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
8. Participating bidders should submit **OEM Authorization Certificate** along with the bid documents as per the format given in Buyer uploaded ATC document.
9. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if: (i) The Seller fails to comply with any material term of the Contract. (ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent. (iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly. (iv) The Seller becomes bankrupt or goes into liquidation. (v) The Seller makes a general assignment for the benefit of creditors. (vi) A receiver is appointed for any substantial property owned by the Seller. (vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
10. 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.
11. **Service & Support:** 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 centre 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. BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support and provide Escalation Matrix of Telephone Numbers for Service Support.
12. **Warranty** period of the supplied products shall be a minimum of **5 Years** from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.
13. The bidder should submit a declaration confirming that the Product Cost/Total Cost does not include warranty charges other than OEM Warranty. If any charges claimed by the bidder towards Three Years warranty which is included in the Product Cost / Total Cost, this fact shall be mentioned in the declaration form. Aforesaid declaration should be submitted along with the technical bid. The warranty (3 years) sought for the equipment is free warranty without any additional cost towards extended warranty and if any warranty cost is included in the equipment cost for complying with the tender condition, the same shall not be considered for arriving CAMC value. The split-up of warranty cost (if any included in product cost) shall be provided (year wise) by the bidder in the financial document sought for. The proforma is available in the Buyer uploaded ATC document.
14. Successful bidder will have to ensure that adequate number of dedicated technical service

personals/engineers are designated/deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing/rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid. After having been notified of the defects/service requirement during warranty period, Seller has to complete the required Service/Rectification within 3 days' time limit. If the Seller fails to complete service/rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service/rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to reimburse the cost of such service/rectification to the Buyer.

15. Performance (during Warranty period): The time spent on the repair work will be added to the warranty period of the equipment.
16. **Comprehensive Annual Maintenance Contract (CAMC):** The maximum permissible CAMC charges for each year after warranty period is 3 to 5% of the cost of the equipment. This CAMC charges at Net Present Value will be taken into account for arriving the lowest responsive bidder. However, the actual CAMC value year-wise (excluding GST) has to be given separately in the format attached and uploaded in the Financial document sought for. The '**cost of the equipment for CAMC calculation**' has to be used for calculating the actual CAMC value. The rate percentage of CAMC quoted in the bid has to be taken into account for arriving the actual CAMC value. The '**cost of the equipment for CAMC calculation**' shall not include additional warranty cost (if any) as stated in SI.No.13 of ATC, cost towards Installation, Commissioning and Testing (other than the ICT cost subsumed in the original value of the equipment by the OEM), cost of transportation, any specific excluded items from CAMC as per the tender terms and also GST of the equipment.
17. **Annual Maintenance Contract (AMC) Labour:** The Labour AMC charges shall be maximum 2.5% '**cost of the equipment for AMC calculation**'. The actual Labour AMC value year-wise (excluding GST) has to be given separately in the format attached and uploaded in the Financial document sought for. The '**cost of the equipment for AMC calculation**' shall not include additional warranty cost (if any), cost towards Installation, Commissioning and Testing (other than the ICT cost subsumed in the original value of the equipment by the OEM), cost of transportation, any specific excluded items from Labour AMC as per the tender terms and also GST of the equipment.
18. The successful bidder shall enter into CAMC/AMC as chosen by SCTIMST, 3 (three) months prior to the completion of warranty period. The CAMC/AMC will commence after the date of expiry of warranty period from the date specified in the AMC order and agreement executed in this regard, which will be treated as the first year of CAMC/AMC.
19. Performance (during CAMC period): Uptime means 95 percent of total days in a year during which the equipment remains functional. Down time means any shortage in achieving the up-time. Down time attracts penalty.
20. Penalty during AMC/CAMC period will be applicable as per prevailing Rules of SCTIMST as amended from time to time.
21. User list : The bidder shall submit the user list of National Institutes/Govt.Organisation in India along with the bid for verifying the performance of the equipment as well as after sale service.
22. **List of Essential Spares & Consumables:** If the equipment contains any essential spares and consumables, the price shall be frozen for a minimum period of 3 years after warranty period. The price of the spares and consumables should be submitted separately by the bidder in the financial documents sought for. The format is available in the Buyer uploaded ATC document. This is for the purpose of price freezing only. However, the bid price shall be inclusive and the equipment be supplied with all essential spares and accessories as per standard delivery and normal functioning of the machine.
23. If the item involves software, the successful bidder should obtain software license in the name of 'Director, SCTIMST' and the paper license / email license to be transferred to the name of Institute.
24. **Malicious Code Certificate:** The seller should upload following certificate in the bid: -
 - a. This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to: - (i) Inhibit the desire

- s and designed function of the equipment, (ii) Cause physical damage to the user or equipment during the exploitation, (iii) Tap information resident or transient in the equipment/network.
- b. The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.
25. **Performance Bank Guarantee:** The successful bidder should furnish a performance guarantee/security deposit @ 5 percent of purchase order value for a period of 60 days beyond the completion of all contractual obligations of the supplier including warranty. Besides ePBG, PBG can also be submitted in the form of Bank Guarantee, FD Receipts pledged in the name of Director, SCTIMST or Account Payee Demand Draft drawn from a nationalized bank favoring The Director, SCTIMST payable at Thiruvananthapuram. The PBG format is shown in the Buyer uploaded ATC Document. Hard copies of PBG in original should reach the buyer within 15 days of award of contract.
26. **Restrictions under Rule 144 (xi) of GFR 2017:** Any bidder from a country which shares a land border with India will be eligible to participate in this bid only if the bidder is registered with the Competent Authority in accordance with restrictions under Rule 144 (xi) of the General Financial Rules (GFRs) 2017 as amended from time to time. The bidders shall enclose the following certificate along with the bid documents. *"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 vendor/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 vendor/bidder fulfills all requirements in this regard and is eligible to be considered for procurement from GeM. [Where applicable, evidence of valid registration by the Competent Authority shall be attached]."*
27. **Liquidated Damages:** If the supplier fails to deliver or install/commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the Purchase Order/GeM Contract, the Buyer shall, without prejudice to other rights and remedies available to the Buyer under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached, Buyer may consider termination of the contract.
28. If any delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions: (a) Imposition of liquidated damages, (b) Forfeiture of its Performance Security and (c) Termination of the Contract for default
29. Bidders must ensure that only the concerned document is uploaded in a particular field for document upload. Uploading the same document in multiple fields should be avoided.
30. Bidder's offer is liable to be rejected if they do not upload any of the certificates/ documents sought in the Bid document, ATC and Corrigendum if any.

Rack Server with Dual Processor

Scope of work : Supply, Installation, Configuration, Testing, commissioning and maintenance of rack server with dual socket. Details of specification is as follows

| Item | Description |
|-------------|--|
| Form factor | 19" Rack mountable with a maximum height of 2U |

| | |
|----------------------------------|---|
| Processor | 2 nos. of 5 th generation Intel Xeon based processor with minimum 16 Core ,45 MB Cache, 3.6 GHz processor base frequency or better |
| Memory | 256 GB (32GB x8) 4800/5600 MHz DDR5 RAM Should support a minimum of 1 TB of memory |
| Storage controller | Should support SAS/SATA/NVME 12Gbps drives and RAID 1/5/6 |
| Storage type support | Support minimum 12 nos. of 2.5/3.5-inch SAS/SATA/NVMe (HDD/SSD) |
| Hard Drives | 2 nos. of 900GB (or above) NVMe SSD Drives 6 nos. Hot swap 1.2 TB 10K 6Gbps SAS configured as RAID 5 redundancy 6 nos. of 2TB 7.2K RPM SATA HDD configured as RAID 5 redundancy |
| Power supply & fans | Hot swappable redundant power supply (Preferably 80 PLUS Platinum/Titanium Certified) and hot swappable fan units |
| Network | 2x 1/10GbE Copper LAN ports |
| Expansion options | Minimum one PCIe 4.0/5.0 x16 and PCIe 4.0/5.0 x8 slots |
| Fibre channel adapter | Dual Port 32 Gbps Fibre Channel Expansion Cards or better. Transceivers that Support auto-negotiation to 16Gbps |
| Ports | 2x USB 3.0 ports and 1x video port. |
| Remote management | GUI based (preferably web based) application for remote monitoring and management of servers through dedicated LAN port. |
| Industry standard certifications | The server models should have the following Certifications: Microsoft Windows Server, Red Hat Enterprise Linux, VMware vSphere, UL/FCC/ ROHS |

| | |
|-------------|--|
| Warranty | 5 years on-site comprehensive warranty with next business day on-site support(for hardware repair) |
| Accessories | Rack mounting accessories and power cords should be provided. All power cords should be of Indian standard |

- The above mentioned hardware specifications are the required minimum, higher or better specifications would be acceptable.
- Scope of the work includes supply, commissioning and testing of the servers.
- The technical documents/ brochures of various products with relevant information should be attached.
- Bidder should have enclosed the necessary documents for showing proof of certification specific to the quoted model.
- Next business day onsite OEM service support (for parts and labour) is required.
- The service support should be verifiable from OEM website with the serial number of machine. The item will be rejected in case of any disparities.

2. 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. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for

[attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)

9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

[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---