



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/4604560
Dated/दिनांक : 08-02-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	23-02-2024 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	23-02-2024 16:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Education
Department Name/विभाग का नाम	Department Of Higher Education
Organisation Name/संगठन का नाम	Indian Institute Of Technology (iit)
Office Name/कार्यालय का नाम	Hyderabad
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	Additional Doc 1 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Single Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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Splitting/विभाजन

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

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023 [OM No.1_4_2021_PPD_dated_18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.
4. 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)

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Processor	Processor Architecture	CISC(X86), RISC, EPIC Or higher
	Processor Make	Intel
	Number of Cores per Processor	10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 64, 11, 48, 44, 52, 56, 60, 84, 96, 112, 128 Or higher
	Processor Base Frequency (GHz)	2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4, 2.25, 2.35, 2.45, 2.55, 2.65, 2.75, 2.85, 2.95, 3.25, 3.55, 3.85, 4.05, 4.1 Or higher
	Processor Description/ Number	Intel Xeon Silver 4112, Intel Xeon Gold 5122, Intel Xeon Gold 6126, Intel Xeon Gold 6126F, Intel Xeon Gold 6126T, Intel Xeon Gold 6128, Intel Xeon Gold 6132, Intel Xeon Gold 6134, Intel Xeon Gold 6138, Intel Xeon Gold 6138F, Intel Xeon Gold 6138P, Intel Xeon Gold 6138T, Intel Xeon Gold 6142, Intel Xeon Gold 6144, Intel Xeon Gold 6146, Intel Xeon Gold 6150, Intel Xeon Gold 6154, Intel Xeon Platinum 8156, Intel Xeon Platinum 8158, Intel Xeon Silver 4210, Intel Xeon Silver 4214Y, Intel Xeon Silver 4215, Intel Xeon Gold 5215, Intel Xeon Gold 5215L, Intel Xeon Gold 5215M, Intel Xeon Gold 5217, Intel Xeon Gold 5218, Intel Xeon Gold 5218B, Intel Xeon Gold 5222, Intel Xeon Gold 6234, Intel Xeon Gold 6240, Intel Xeon Gold 6240L, Intel Xeon Gold 6240M, Intel Xeon Gold 6240Y, Intel Xeon Gold 6242, Intel Xeon Gold 6244, Intel Xeon Gold 6246, Intel Xeon Gold 6248, Intel Xeon Gold 6254, Intel Xeon Platinum 8256, Intel Xeon Platinum 8260Y, Intel Xeon Platinum 8268, Intel Xeon Platinum 8270, Intel Xeon Platinum 8268M, Intel Xeon Platinum 8280L, Intel Xeon Platinum 8280M, Intel Xeon Platinum 9242, Intel Xeon Platinum 9282, Intel Xeon Gold 6143, Intel Pentium G5420, Intel Core i3-9100, Intel Xeon E-2224, Intel Xeon E-2234, Intel Xeon E-2226G, Intel Xeon E-2244G, Intel Xeon E-2236, Intel Xeon E-2274G, Intel Xeon E-2276G, Intel Xeon E-2278G, Intel Xeon E-2286G, Intel Xeon Silver 4210T, Intel Xeon Silver 4215R, Intel Xeon Silver 4210R, Intel Xeon Silver 4214R, Intel Xeon Gold 6250, Intel Xeon Gold 6256, Intel Xeon Gold 5218R, Intel Xeon Gold 6226R, Intel Xeon Gold 6246R, Intel Xeon Gold 5220R, Intel Xeon Gold 6242R, Intel Xeon Gold 6230R, Intel Xeon Gold 6240R, Intel Xeon Gold 6238R, Intel Xeon Gold 6248R, Intel Xeon Gold 6258R, Intel Xeon Platinum 9221, Intel Xeon Platinum 9222, Intel Xeon Platinum 8380HL, Intel Xeon Platinum 8380H, Intel Xeon Platinum 8376HL, Intel Xeon Platinum 8376H, Intel Xeon Platinum 8360HL, Intel Xeon Platinum 8360H, Intel Xeon Platinum 8354H, Intel Xeon Gold

Specification	Specification Name/विशिष्ट क नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)मान्यता
		6348H, Intel Xeon Gold 6330H, Intel Xeon Gold 5320H, Intel Xeon Gold 6328HL, Intel Xeon Gold 6328H, Intel Xeon Platinum 8358H, Intel Xeon Platinum 8358Q, Intel Xeon Platinum 8356H, Intel Xeon Platinum 8368Q, Intel Xeon Platinum 8380, Intel Xeon Platinum 8368, Intel Xeon Platinum 8360Y, Intel Xeon Platinum 8358, Intel Xeon Platinum 8358P, Intel Xeon Platinum 8352Y, Intel Xeon Platinum 8352V, Intel Xeon Platinum 8352S, Intel Xeon Gold 6348, Intel Xeon Gold 6338, Intel Xeon Gold 6338N, Intel Xeon Gold 6342, Intel Xeon Gold 6330, Intel Xeon Gold 5320, Intel Xeon Gold 6330N, Intel Xeon Gold 6354, Intel Xeon Gold 6346, Intel Xeon Gold 6334, Intel Xeon Platinum 8351N, Intel Xeon Gold 6314U, Intel Xeon Silver 4310, Intel Xeon Gold 6210U, Intel Xeon E-2314, Intel Xeon E-2324G, Intel Xeon E-2334, Intel Xeon E-2374G, Intel Xeon E-2336, Intel Xeon E-2356G, Intel Xeon E-2386G, Intel Xeon Gold 6209U, Intel Xeon Gold 6210U, Intel Xeon Gold 6212U, Intel Xeon Silver 4309Y, Intel Xeon Gold 5315Y, Intel Xeon Silver 4310T, Intel Xeon Gold 5317, Intel Xeon Silver 4314, Intel Xeon Gold 6326, Intel Xeon Silver 4316, Intel Xeon Gold 5320T, Intel Xeon Gold 5318N, Intel Xeon Gold 5318Y, Intel Xeon Platinum 8352M, Intel Xeon Platinum 8362, Intel Xeon Platinum 8490H, Intel Xeon Platinum 8480+, Intel Xeon Platinum 8470, Intel Xeon Platinum 8468, Intel Xeon Platinum 8470Q, Intel Xeon Platinum 8468H, Intel Xeon Platinum 8470N, Intel Xeon Platinum 8468V, Intel Xeon Platinum 8458P, Intel Xeon MAX 9480, Intel Xeon MAX 9470, Intel Xeon Platinum 8460H, Intel Xeon MAX 9468, Intel Xeon Platinum 8460Y+, Intel Xeon Gold 6458Q, Intel Xeon MAX 9460, Intel Xeon Platinum 8462Y+, Intel Xeon Gold 6448H, Intel Xeon MAX 9462, Intel Xeon Gold 6448Y, Intel Xeon Gold 6454S, Intel Xeon Platinum 8454H, Intel Xeon Gold 6438Y+, Intel Xeon Gold 6438M, Intel Xeon Gold 6438N, Intel Xeon Gold 6430, Intel Xeon Gold 6442Y, Intel Xeon Gold 6428N, Intel Xeon Platinum 8450H, Intel Xeon Gold 5420+, Intel Xeon Gold 6418H, Intel Xeon Gold 5418Y, Intel Xeon Gold 6444Y, Intel Xeon Gold 5418N, Intel Xeon Silver 4416+, Intel Xeon Gold 6416H, Intel Xeon Platinum 8444H, Intel Xeon Gold 6426Y, Intel Xeon Gold 5416S, Intel Xeon Silver 4410Y, Intel Xeon Silver 4410T, Intel Xeon Gold 6434H, Intel Xeon Gold 6434, Intel Xeon Gold 5415+ Or higher
Chassis	Form Factor	Rack, Tower Or higher
	Size (RU)	5
Motherboard	Maximum number of Sockets available on Server	1, 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	DDR4 SDRAM with ECC
SSD Storage	Type of Interface for SSD	SATA

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Type of SATA SSD	Read Intensive
	Total Capacity Offered with SATA SSD (GB)	480.0 Or higher
HDD Storage	Type of Interface for Hard Disk Drive	SATA, SAS, NL SAS, NA
	Total Storage Capacity offered with SATA Drive (GB)	4000.0 Or higher
RAID	RAID level	1, 5, 6, 0
	No of RAID Controller Ports	8 Or higher
	Speed of RAID Controller Ports (Gbps)	12 Or higher
Ports & Interfaces	Network Card Supported	1G
	Number of Networking Interface Cards (LAN)	2, 3, 4, 5, 6, 7, 8, 1 Or higher
	Total Number of Ethernet Ports required in Server	1x1G, 2x10G with SFP+, 2x10G RJ 45, 2x25G with SFP+, 2x25G with Twinax DAC, 2x40G with SFP+, 2x50G with SFP+, 2x50G with Twinax DAC, 2x100G with SFP+, 2x100G with Twinax DAC, 2x200G with SFP+, 2x200G with Twinax DAC, 4x10G with SFP+, 4x10G RJ 45, 4x50G with SFP+, 4x50G with Twinax DAC, 4x100G with SFP+, 4x100G with Twinax DAC, 4x200G with SFP+, 4x200G with Twinax DAC, 2x1G, 4x25G with SFP+, 4x25G with Twinax DAC, 2x40G with Twinax DAC, 4x10G with Twinax DAC, 4x1G
	Networking Interface Card Features	Asset Feature Tracking, Security Management
	Server Network Ports should Support SR-IOV Feature	Yes, No Or higher
	Server network ports should support DPDK and it should deliver zero packet loss as per RFC 2544 and deliver 100% line rate for all the packet sizes over 64 Bytes, Vendor to submit latest DPDK test report for the same	Yes, No Or higher
	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	

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	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
	Video Controller (support VGA or above resolution)	Yes Or higher
	Keyboard Port	Yes Or higher
	Mouse Port	Yes Or higher
	DVD ROM (Internal/Exrternal)	Yes Or higher
	USB Ports (version 2point0/3point0)	3, 4, 5, 6, 7, 8, 9, 10 Or higher
Certifications	Certifications/Compliance (OS)	Windows, Red Hat Linux, Suse Linux, Ubuntu, Cent OS
	Certification/Compliance (Virtualization/Cloud Platform)	VM ware, HyperV, Oracle Virtualization, Red Hat Virtualization
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
	Management Features-2	Management of multiple Servers from single console with single source of truth for multiple sites., Automated infrastructure management for patch upgrades, version upgrades ,etc., System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user-assigned attributes, Platfrom inventory and helath status, Server utilization statistics collection (including firmware updates and diagnostic tools), Solution should be open and programmable providing Rest API, SDK for programming lanugaes like Python , power shell scripts etc., Real-time out-of-band hardware performance monitoring & alerting
	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)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Security Features-2	Secure /Automatic BIOS recovery, Network Card secure firmware boot, In case of any security breach system should provide the lock down feature
	Server scalability to be achieved within the box & without adding nodes	Yes Or higher
Generic	Power Supply Efficiency	Platinum, Titanium, Bronze Or higher
	Redundant Fan	Yes Or higher
	Server Main Supply	230 +/- 10%Vac
Warranty	On Site OEM Warranty (Year)	3, 4, 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	K Ramesh Kumar	502285, Room NO. 218, Academic Block A, Kandi, Sangareddy Indian Institute of Technology Hyderabad	1	45

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

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

- 1) The bidder should submit all the documents as per the specification document.
- 2) Price should be inclusive of supply, Transportation, Installation, and other charges if any.

3. Buyer Added Bid Specific ATC

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

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

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

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---