Bid Document

Bid Details	
Bid End Date/Time	17-02-2021 12:00:00
Bid Opening Date/Time	17-02-2021 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Assam
Department Name	Education Department Assam
Organisation Name	Directorate Of Higher Education
Office Name	Dibrugarh
Total Quantity	1
Item Category	Server
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Bidder Turnover *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	No
Time allowed for Technical Clarifications during technical evaluation	5 Days
Inspection Required	No
Evaluation Method	Total value wise evaluation

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	17334

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	14

(a). 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). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:
Registrar Dibrugarh University and Director (i/c) DUIET, Dibrugarh University
Dibrugarh University
(Dr. H.c. Mahanta)

Splitting

 Bid splitting not applied.

Server (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Chassis	Form Factor	Rack, Tower Or higher
Processor	Processor Architecture	CISC(X86), RISC, EPIC Or higher
	Processor Make	Intel
	Number of Cores per Processor	20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 64, 48 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 Or higher
	Processor Turbo Frequency (GHz)	4.0 - 5.0 Or higher
	Total Cache (L1+L2+L3)(MB)	27.5 - 256.0 Or higher
	Processor Description/ Number	Intel Xeon Gold 6246, Intel Xeon Platinum 9242, Intel Xeon Platinum 9282, 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 Or higher
Motherboard	Expansion Slots Gen 3 (PCIe x1)	0, 1, 2, 3, 4, 5, 6 Or higher
	Expansion Slots Gen 3 (PCIe x16)	1, 2, 3, 4, 6
	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	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 Or higher
	If Yes, Maximum Number of Slots available for Co-Processor/GPU	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 Or higher
	If Yes, Maximum Number of slots populated with Co processor/GPU	0, 1, 2, 3, 4, 5, 6, 7, 89, 9, 10, 11, 12, 13, 14, 15, 16 Or higher
	If Yes, Co Processor /GPU	NVIDIA Tesla P4 8GB, NVIDIA Tesla P40 24GB, NVIDIA

	Description	Tesla V100 PCI-E 16GB, NVIDIA Tesla V100 SXM2 16GB, NVIDIA Tesla V100 PCI-E 32GB, NVIDIA Tesla V100 SXM2 32GB, NA, NVIDIA(R) Tesla(TM) T4 16GB, NVIDIA Tesla M10 Quad GPU Module, NVIDIA Quadro P6000 Graphics Accelerator, NVIDIA Quadro P4000 Graphics Accelerator, NVIDIA Tesla P40 24GB Computational Accelerator, NVIDIA Quadro RTX 6000 Graphics Accelerator, NVIDIA Tesla T4 16GB Computational Accelerator, NVIDIA Quadro RTX 4000 Graphics Accelerator, NVIDIA Quadro RTX 8000 Graphics Accelerator, NVIDIA Quadro P2200 Graphics Accelerator, NVIDIA Tesla V100S 32GB Computational Accelerator, NVIDIA Quadro RTX 5000 16GB Graphics Accelerator, NVIDIA Tesla A100 40GB PCIe based Accelerator, NVIDIA Tesla A100 40GB NVlink based Accelerator Or higher
Memory	**Type of RAM**	DDR4 SDRAM with ECC
	Total Number of DIMM Slots available	12, 16, 24
	DDR SDRAM Size(GB)	64.0 - 6144.0 Or higher
	DDR NVRAM Size (GB)	0.0 - 1600.0 Or higher
	DDR SDRAM upgradable upto using spare DIMM Slots (GB)	384.0 - 8192.0 Or higher
	DDR NVRAM upgradable upto using spare DIMM Slots (GB)	0.0 - 2400.0 Or higher
SSD Storage	**Type of Interface for SSD**	M.2/mSATA, NA
	Type of SATA SSD	Read Intensive, NA
	SATA SSD Hot Swappable	Yes, No, NA Or higher
	Endurance for SATA SSD (DWPD - Drive Writes Per Day) (X)	0.0 - 50.0 Or higher
	Total Number of Slots available for SATA SSD	0, 2, 12
	Number of Slot Populated with SATA SSD	0, 2
	Capacity offered per SATA SSD (GB)	0, 240
	Total Capacity Offered with SATA SSD (GB)	More than 0.0 Or higher
	Type of SAS SSD	NA
	SAS SSD Hot Swappable	Yes, No, NA Or higher
	Endurance for SAS SSD (DWPD - Drive Writes Per Day) (X)	0.0 - 50.0 Or higher
	Total Number of Slots available for SAS SSD	0, 12
	Number of Slots populated with SAS SSD	0
	Capacity Offered per SAS SSD (GB)	More than 0.0 Or higher
	Total Capacity Offered with SAS SSD (GB)	More than 0.0 Or higher
	Type of NVMe SSD	NA
	NVMe SSD Hot Swappable	Yes, No, NA Or higher
	Endurance for NVMe SSD (DWPD - Drive Writes Per Day) (X)	0.0 - 50.0 Or higher

	Total Number of Slots available for NVMe SSD	0, 2
	Number of Slots populated with NVMe SSD	0
	Total Capacity Offered with NVMe SSD (GB)	More than 0.0 Or higher
HDD Storage	**Type of Interface for Hard Disk Drive**	SATA, SAS, NL SAS
	Total number of Slots available for SATA Drive	0, 8, 12
	Number of Slots populated with SATA Drive	0, 2, 4
	Capacity offered per SATA Drive (GB)	0, 1000, 2000, 6000, 8000
	SATA drive speed (hot plug or better) (RPM)	7200, NA
	Total Storage Capacity offered with SATA Drive (GB)	More than 0.0 Or higher
	Total number of slots available for SAS drive	0, 2, 8, 12
	Number of Slots populated with SAS Drive	0, 2, 3, 4, 5
	Capacity offered per SAS Drive (GB)	0, 300, 600, 1200, 1800, 2400
	SAS drive Speed (Hot plug or better) (RPM)	10K, 15K, NA
	Total Storage Capacity offered with SAS Drive (GB)	More than 0.0 Or higher
	Total Storage Capacity offered with NL SAS Drive (GB)	More than 0.0 Or higher
RAID	**No of RAID Controller Ports**	2, 3, 4, 5, 6, 7, 8 Or higher
	Speed of RAID Controller Ports (Gbps)	6, 12 Or higher
	RAID Controller Cache (GB)	0, 1, 2, 4, 6, 8 Or higher
Ports & Interfaces	**Number of Networking Interface Cards (LAN)**	2, 3, 4, 5, 6, 7, 8 Or higher
	Whether Network Interface Card Embedded	Yes Or higher
	Total Number of Ethernet Ports required in Server	2x10G RJ 45, 2x1G, 4x10G RJ 45, 4x1G, 4x25G with SFP+
	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
	Length of Twinax Breakout Cables per Port (meter)	5, 10, 15, 0 Or higher
	USB Ports (version 2point0/3point0)	4, 5, 6, 7, 8, 9, 10 Or higher
	Total number of Spare Bays Available for Future Upgradation (Internal)	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 Or higher
	Total number of Spare Bays Available for Future Upgradation (Hot Plugable)	0.0 - 50.0 Or higher
Certifications	**Certifications/Compliance (OS)**	Red Hat Linux
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 Or higher
Benchmark	**SPEC int_rate_base 2017 for the product (must be available on SPEC dot ORG before evaluation)**	More than 0.0 Or higher
	SPEC fp_rate_2017 for the product (must be available on SPEC dot ORG before evaluation)	More than 0.0 Or higher
	SPEC int_speed_base 2017 for the product (must be available on SPEC dot ORG before evaluation)	More than 0.0 Or higher
	SPEC fp_speed_2017 for the product (must be available on SPEC dot ORG before evaluation)	More than 0.0 Or higher
Warranty	**On Site OEM Warranty (Year)**	3, 4, 5, 7 Or higher

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Debasish Nath	786004,Dibrugarh University Institute of Engineering and Technology, Dibrugarh University, Dibrugarh, Assam.	1	30

Bid Specific Additional Terms and Conditions

1. Warranty period of the supplied products shall be 3 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.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---