



NIT No.: IITI(MM)/CHE/1/1A/603/DEP/GC/2024-2025

December 19, 2024

**PREBID REPORT**

The online meeting for Pre-bid discussion will be held at IIT-Indore through online on 13/12/2024 at 03.00 PM onwards for Supply and Installation of High Performance Computing Server.

Till date, we have received the below mentioned queries.

Sl. No.	Reference of the Clause/ Page No. of the Tender Document	Query raised	Query Raised by	Response from IITI
1.	Page No. 8-Section II- Technical Specification Part II <b>GPU Compute Node-2 x Nvidia RTX 4500 ADA (24 GB)</b>	Please change the GPU to 2 x Nvidia L4(24 GB)/Nvidia RTX 4500 ADA(24 GB) or Equivalent <b>Remark/Justification: -</b> Nvidia RTX 4500 ADA 24 GB is an active Graphic which is not supported on server platform being provided by many OEMs. Since Nvidia L4(24 GB) is supported on server platform and has equivalent GPU memory i.e. 24 GB, you are requested to accept the same as an alternative GPU.	M/s. Concept Information Technologies (I) Pvt. Ltd	We are changing the GPU to 2 x Nvidia A40 (48 GB GDDR6)
2.	Page No. 7-8-Section II- Technical Specification Part II <b>Titanium Level Power supplies in Master &amp; GPU Node</b>	Please change the Power supplies to Platinum or Titanium Level <b>Remark/Justification: -</b> Platinum level power supplies are also enough considering the requirement stated in RFP for Master and GPU node.		We will be sticking with Titanium level power supplies
3.	Page No. 9 <b>Delivery Period: Within 3 weeks from the date of purchase order</b>	Delivery Period: Within 3 weeks from the date of purchase order <b>Remark/Justification: -</b> Delivery period should be changed to at least 6-8 weeks from the date of purchase order		We are changing the delivery period to within 8 weeks from the date of purchase order
4.	Page No. 6	This is applicable to OEM, Please modify this condition to Manufacturer/Producer		We have modified this

  
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	EPR Registration/E waste Certificate	Remark/Justification: - NA		condition to manufacturer
5.	<b>Master Node Qty-01 No.</b> <b>PCie:</b> 4 PCIe 5.0 x 16; 2 PCIe 5.0 x8 Slots	Please change it to 4 PCIe 5.0/ PCIe 4.0, 2 PCIe 5.0/4.0 X8 slots <b>Remark/Suggestions: -</b> The server should support a minimum of 4 PCIe 5.0 or PCIe 4.0 x16 slots and 2 PCIe 5.0 or PCIe 4.0 x8 slots to ensure compatibility with multiple generations of PCIe-based devices and expansion cards.	M/s. Dell Technologies.	We are modifying this to 4 PCIe 5.0/ PCIe 4.0, 2 PCIe 5.0/4.0 x8 Slots
6.	<b>Master Node Qty-01 No.</b> <b>IPMI:</b> IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	Please remove <b>Remark/Suggestions: -</b> Request to remove IPMI 2.0 requirement as it is OEM-specific (like iDRAC, iLO, etc.). Alternatively, generalize it to: "The system should support a remote management system capabilities."		We are changing this to "The system should support a remote management system capabilities"
7.	<b>Master Node Qty-01 No.</b> <b>USB:</b> 4 USB 3.0 Ports	Please change it to 4 USB 3.0/2.0 ports <b>Remark/Suggestions -</b> The system should provide a minimum of 4 USB ports (supporting USB 3.0 or USB 2.0 compatibility) to ensure connectivity with a wide range of peripheral devices.		We are changing this to 4 USB 3.0/2.0 ports
8.	<b>Master Node Qty-01 No.</b> <b>Power Supply:</b> 1200W Redundant Titanium Level Power Supply	Please change it to 1400W or above redundant power supplied. <b>Remark/Suggestions: -</b> The system should be equipped with a 1400W or higher redundant power supply (PSU) of at least Titanium efficiency level to support future hardware upgrades and ensure compatibility with future GPU, CPU, and peripheral expansions.		We are changing this to 1200W or above Titanium Level Power supply
9.	<b>CPU only node Qty-06 Nos.</b> <b>SSD:</b> 1 x 960GB SATA 2.5" SSD	Please change it to 2 nos of 960 GB SATA SSD <b>Remark/Suggestions: -</b> The system should be equipped with a minimum of 2 x 960GB SATA 2.5" SSDs to ensure system redundancy. This configuration provides fault tolerance so that,		We are changing this to 2 x 960 GB SATA

  
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		in the event of an SSD failure, the second SSD can automatically take over the system boot, thereby preventing system downtime or data loss.		
10.	<b>CPU only node</b> <b>Qty-06 Nos.</b> <b>Video:</b> PCIe 2D VGA+BMC+KVM-over-IP	Please remove it or specify VGA only because this is an OEM-specific requirement. <b>Remark/Suggestions: -</b> The video interface should support a standard VGA output. Remove references to BMC + KVM-over-IP as they are OEM-specific features tied to proprietary hardware implementations.	M/s. Dell Technologies.	We are changing this to Video: 1 VGA port
11.	<b>CPU only node</b> <b>Qty-06 Nos.</b> <b>Exp. Slots:</b> Total 2 x PCI-E 5.0 x16 Slots & 2 x OCP Slots	Please change it to 2 x PCI-E 5.0/4.0 x16 Slots & 1 x OCP Slots. <b>Remark/Suggestions: -</b> The system should support a minimum of 2 x PCI-E 5.0 or PCI-E 4.0 x16 slots and 1 x OCP (Open Compute Project) slot, ensuring compatibility with current and previous-generation expansion cards and networking modules.		We are changing this to 2 x PCI-E 5.0/4.0 x16 Slots & 1 x OCP Slots.
12.	<b>CPU only node</b> <b>Qty-06 Nos.</b> <b>IPMI:</b> IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	Please remove it <b>Remark/Suggestions: -</b> Request to remove IPMI 2.0 requirement as it is OEM-specific (like iDRAC, iLO, etc.). Alternatively, generalize it to: "The system should support a remote management system capabilities."		We are changing this to "The system should support a remote management capabilities"
13.	<b>CPU only node</b> <b>Qty-06 Nos.</b> <b>USB:</b> 4 USB 3.0 Ports	Please change it to USB 3.0/ USB 2.0 ports. <b>Remark/Suggestions: -</b> The system should provide a minimum of <b>4 USB ports (supporting USB 3.0 or USB 2.0 compatibility)</b> to ensure connectivity with a wide range of peripheral devices.		We are changing this to 4 USB 3.0/ USB 2.0 ports
14.	<b>CPU only node</b> <b>Qty-06 Nos.</b> <b>Chassis:</b> 1U Rackmount (Total 4 x 3.5" Hot-Swap SAS/SATA drive bays)	Please change it to 4 X 3.5"/2.5 Hot SWAP SAS/SATA Drive <b>Remark/Suggestions: -</b> The chassis should support a <b>1U Rackmount configuration with 4 x 3.5"/2.5" Hot-Swap SAS/SATA drive bays</b> , allowing flexibility for different storage configurations		We are changing this to 1U Rackmount (Total 4 x 3.5"/2.5") Hot SWAP

		and ensuring compatibility with both 3.5" and 2.5" drives.		SAS/SATA Drive
15.	<b>CPU only node</b> <b>Qty-06 Nos.</b> <b>Power Supply: 860W</b> Platinum Level Power Supply	Please change it to Redundant 1100 watts power supplies <b>Remark/Suggestions: -</b> The system should be equipped with <b>Redundant 1100W Power Supplies</b> of at least <b>Platinum efficiency level</b> , ensuring power redundancy and sufficient capacity to support future hardware upgrades or higher power consumption needs.	M/s. Dell Technologies.	We are changing this to "860W or above Platinum Level Power Supply"
16.	<b>CPU+GPU Compute Node</b> <b>Qty: 01 No.</b> <b>SSD: 1 x 960GB SATA 2.5"</b> SSD	Please change it to 2 nos of 960 GB SATA SSD <b>Remark/Suggestions: -</b> The system should be equipped with a minimum of <b>2 x 960GB SATA 2.5" SSDs</b> to ensure system redundancy. This configuration provides fault tolerance so that, in the event of an SSD failure, the second SSD can automatically take over the system boot, thereby preventing system downtime or data loss.		We are changing this to 2 x 960GB SATA SSD
17.	<b>CPU+GPU Compute Node</b> <b>Qty: 01 No.</b> <b>GPU: 2 x Nvidia® RTX 4500 ADA (24 GB)</b>	Please change it to 2 nos of Nvidia A40 GPUs <b>Remark/Suggestions: -</b> The system should be equipped with <b>2x NVIDIA A40 GPUs</b> with at least <b>48GB GDDR6 memory each</b> , support for <b>multi-GPU scaling</b> , and compatibility with <b>CUDA, Tensor Cores, and PCIe 4.0/5.0</b> . These GPUs should provide enterprise-grade performance and be optimized for <b>AI/ML, data analytics, and high-performance computing (HPC) workloads</b> .		We are changing the GPU to 2 x Nvidia A40 (48 GB GDDR6)
18.	<b>CPU+GPU Compute Node</b> <b>Qty: 01 No.</b> <b>PCie: 3 PCIe 5.0 x16 Double-Width Slots</b>	Please change it to 3 PCIe 5.0/4.0 X16 Double Width Slots. <b>Remark/Suggestions: -</b> The system should support 3 PCIe 5.0 or PCIe 4.0 x16 Double-Width Slots, ensuring compatibility with both current-generation and previous-generation PCIe-based devices.		We are changing this to 3 PCIe 5.0/4.0 X16 Double Width Slots
19.	<b>CPU+GPU Compute Node</b> <b>Qty: 01 No.</b>	Please remove it <b>Remark/Suggestions: -</b>		We are changing this to


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	IPMI: IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	Request to remove IPMI 2.0 requirement as it is OEM-specific (like iDRAC, iLO, etc.). Alternatively, generalize it to: "The system should support a remote management system with KVM and media mounting capabilities."		"The system should support a remote management capabilities"
20.	<b>CPU+GPU Compute Node Qty: 01 No.</b> Power Supply: 1600W Redundant Titanium Level Power Supply	Please change it to 2400 Watts power supplies. <b>Remark/Suggestions: -</b> The system should be equipped with 2400W Redundant Power Supplies of at least Titanium efficiency level, providing sufficient capacity to support high-performance workloads and future hardware expansions.	M/s. Dell Technologies.	We are changing this to "1600W or above Platinum Level Power Supply"
21.	<b>CPU+GPU Compute Node Qty: 01 No.</b> Chassis: 2U Rackmount Chassis with 12 x 3.5" Hot Swap Bays	Please change it to 2U Rackmount Chassis with 12 x 3.5"/ 2.5" Hot Swap Bays. <b>Remark/Suggestions: -</b> The chassis should support a <b>2U Rackmount configuration with 12 x 3.5"/2.5" Hot Swap Bays</b> , ensuring compatibility with both 3.5" and 2.5" storage drives for maximum flexibility.		We are changing this to 2U Rackmount Chassis with 12 x 3.5"/2.5" Hot Swap Bays
22.	<b>Cluster Management tool Qty-01 No.</b> Cluster management software with GUI interface for scheduling, monitoring and managing the jobs.	Please confirm whether it will be licensed one or open source		The cluster management tool can be perpetually licensed or open source with either command line OR GUI for scheduling, monitoring and managing the jobs
23.	<b>Page No. 7 of 26 of ATC Technical Specifications Document Item: - CPU Only Compute Node (06 Qty.)</b> Video:- PCIe 2D VGA + BMC + KVM-over-IP	Kindly change this description to 1x VGA port (Rear) for BMC we are offering dedicated port.	M/s. Netweb Technologies India Ltd	We are changing this to Video: 1 VGA port

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24.	<b>Page No. 8 of 26 of ATC Technical Specifications Document Item: - Primary Interconnect - 25G Switch (01 Qty.)</b> 25G SFP28 with 8x 100 GbE QSFP28 managed switch along with the cables	Kindly mention L3 managed enterprise level switch with at least 48x 25G SFP28 Ports and 8x 100G QSFP28 Ports		Not considered
25.	<b>Additional specifications</b>	We humbly request you to kindly add the point that "All the server hardware, Primary Interconnect 25G Switch and the Cluster Management Software all these items must be from the same OEM for seamless solution and single point of contact. Additionally, OEM datasheets of all the items (including the Cluster Management Software) must be submitted."	M/s. Netweb Technologies India Ltd	Not considered
26.	<b>Additional specifications</b>	Kindly add the point that "Bidder must submit recent PO Copies of Similar HPC Cluster Solutions supplied to other Academic / R&D / Research / Govt. Organizations within the last 3 Financial Years."		Not considered
26.	<b>GPU</b>	Regarding GPUs, the Nvidia A40 is nearing EOL (released in 2020). We are okay with the Nvidia RTX 4500 ADA, as it belongs to the Quadro series and is suitable for GPU tasks.		Not considered
27.	<b>GPU Compute</b>	Will request you to add expandability for memory modules upto 32 DIMMs supporting upto 4 TB specifically for GPU Compute so in the future it can be used as HIGH Memory Node as well.		Not considered
28.	<b>Power Supply</b>	As discussed in the pre bid about power supplies we humbly request you to write it as 860W or more.		We have modified the above to allow for 860 W or more power supply to the master node
29.	<b>Page No. 9 of 26 of ATC Technical Specifications Document Section – II :- Unpriced Technical Bid (Part – III)</b>	Kindly allow 8 – 10 Weeks of time for the delivery as this is a complete solution.		We are changing the delivery period to within 8

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	Other Terms and Conditions Point No. 2 (Delivery Period): Within 03 Weeks from the date of the GeM Order.			weeks from the date of purchase order
30.	Section-II, Part-I Sl. No. 10 The bidder should not have been blacklisted by any Government/ Semi Government / Board / Corporations / Autonomous Body / PSU. An Undertaking / declaration in this regard should be closed. If any such matter i.e. of blacklisting / suspension is subjudice, even then the concerned firm shall be technically disqualified. "If any one or more Partner / Directors of any debarred / blacklisted agency promotes or forms a new contracting firm or a sister- concern, then it shall also be considered as a debarred / blacklisted firm"	The bidder should not have been blacklisted in last 5 Years by any Government/ Semi Government / Board / Corporations / Autonomous Body / PSU. An Undertaking / declaration in this regard should be enclosed.	M/s. Compuscroll (India) Pvt. Ltd. M/s. Compuscroll (India) Pvt. Ltd.	Not considered
31.	<b>Section-II, Part-I Sl. No. 14</b> The OEM should have a registered office Indore /Bhopal for faster response	The OEM should have a registered office in India for faster response.		We are changing this to "The OEM should have a registered office in India"
32.	<b>Section-II, Part-I No. 16</b> The OEM Should have a local registered office in Madhya Pradesh. Shop & Establishment Certificate from Govt. should be submitted as proof of the same.	As the IIT's fall under Central Govt., so there should not be any mandatorized clause of Registered office OEM in Madhya Pradesh! By making such clauses you are restricting the specific OEM to participate! Instead you can mention that, "OEM should have registered office in India is sufficient." Hence make the necessary changes as per our suggestion.		We are getting rid of this clause and are okay with OEM having a registered office in India
33.	We request you to change the graphic card as A 4500 can fit into Hi end	We request you to change the graphic card as A 4500 can fit into Hi end workstation system not in servers	M/s. Citrine Technologies Pvt Ltd.	We are changing the GPU to 2 x



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	workstation system not in servers		Nvidia A40 (48 GB GDDR6)
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All prospective/willing bidders are requested to take note of this report as part of the Tender document. All other terms and conditions of the tender remain unchanged.



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