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IIT Indore

NIT No.: IITI(MM)/AASE/1/1A/01(Prj)/PG/2024-25

Date - 13/06/2025

PREBID REPORT

The online meeting for Pre-bid discussion and presentation was held via Google Meet on May 28, 2025 @ 03:00 P.M. at IIT Indore for Procurement of Rack Mount Server, Qty-01 through GeM Custom Bidding, Bid No. GEM/2025/B/6256370.

The report of the meeting is as below:-

| Sl. No. | Firm Name | Query Raised/Suggestions | Response/ Clarification from IITI |
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| a. | M/s. Dell Technologies. | <ol style="list-style-type: none"> 1. Whether the customer is looking for single socket server or a dual socket ? 2. If its dual processor what is the per processor core required. (mention the Ghz speed/processor) 3. Kindly confirm single precision TFLOPS with 48GB will be sufficient for them to run their GPU applications. 4. What is the Network connectivity required for server connectivity. 5. Network connectivity required for server connectivity. 6. Warranty required for the server and what type of support expecting. (Next business day or Hrs mission critical.) 7. Server will support maximum 2Nos of USB 3.0 and 2 Nos USB 2.0, Is this will be sufficient , what is future expandability. 8. Should Intel or AMD be preferred? Intel 56C or above maximum will support upto 2Ghz for AMD on 64C we can able to give 2.4 or above. 9. Is RAID 1 or other redundancy required for system drive? 10. Server will support maximum 2Nos of USB 3.0 and 2 Nos USB 2.0, Is this will be sufficient , what is future expandability. 11. Network connectivity required for server connectivity. 12. Warranty required for the server and what type of support expecting. (Next business day or Hrs mission critical.) 13. CUDA capability and Double Precision performance 4 TFLOPS or more - both will support only on NVIDIA H100 NVL, PCIe, 350W-400W, 94GB Passive, Double Wide, Full Height GPU. 14. Should Intel or AMD be preferred? Intel 56C or above maximum will support upto 2Ghz for AMD on 64C we can able to give 2.4 or above. 15. Server will support maximum 2 Nos of USB 3.0 and 2 Nos USB 2.0, Is this will be sufficient , what is future expandability. 16. Is RAID 1 or other redundancy required for system drive? 17. Network connectivity required for server connectivity. 18. Warranty required for the server and what type of support expecting. (Next business day or Hrs mission critical.) | <ol style="list-style-type: none"> 1. Single / Dual Socket. We can accept both. 2. We require a total 24 core processor with 2.4GHz clock speed in each processor. 3. We highly recommend double precision, but single precision will also be considered with a minimum 32GB GPU Memory, 48GB GPU Memory. (for both cases). 4. & 5. We are looking for a 16 Port 10G SFP+ Switch as a primary network for our HPC. And as a management network we require a 8 Port Gigabit switch. Also, there should be 2x 10G SFP+ Interface and a dedicated Management Port in each compute. 6. Two years or more onsite same day warranty and Support. within 4 hrs response. Directly from OEM Side. 7. We require 2x USB 3.0 Gen2 Ports or higher. 8. We are ok for both make Intel / AMD platform. 9. Yes We require Hardware Raid with Support 1, 5, 10 Levels and a cache of 1 GB or better 10. We require 2x USB 3.0 Gen2 Ports or higher. 11. We are looking for a 16 Port 10G SFP+ Switch as an primary network for our HPC.and as an management network we require a 8 Port Gigabit switch. 12. Two years or more onsite same day warranty and Support. within 4 hrs response. Directly from OEM Side. 13. We highly recommend double precision but single precision will also be considered with minimum 32GB GPU Memory, 48GB GPU Memory (for both cases). 14. We are ok for both make Intel / AMD platform. 15. We require 2x USB 3.0 Gen2 Ports or higher. 16. Yes We require Hardware Raid with Support 1, 5, 10 Levels and a cache of 1 GB or better Also there should be 2x 10G SFP+ Interface and a dedicated Management should be there in each compute. 17. There should be 2x 10G SFP+ Interface and a dedicated Management should be there in each compute. 18. Two Years or more onsite same day warranty and Support. within 4 hrs response. Directly from OEM Side. |
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| b | M/s. Samyak Computer | <p>1. Kindly confirm you require 24 Core Single Processor or Dual Processor.</p> <p>2. Kindly confirm you require 56 Core Single Processor or Dual Processor.</p> <p>3. Need Clarification on: Noise : the compute node will facilitate post- processing of extensive cosmological galaxy formation simulations.</p> | <p>1. We require Total 24 core processor with 2.4GHz clock speed in each processor.</p> <p>2. We require total 56 core processor.</p> <p>3. We are looking for a server which might be less noisy.</p> |
| c | M/s. NexGen | <p>Are 10G and 16 Port switches two different requirements?</p> <p>How many ports are required in 10G Switch.</p> <p>What specifications do you require for Switches?</p> | <p>We are looking for a 16 Port 10G SFP+ Switch as an primary network for our HPC.</p> <p>and as an management network we require a 8 Port Gigabit switch.</p> |
| d | M/s. Meganet | <p>1. Single or Dual CPUs are required?</p> <p>2. Single and Dual both sockets are available. Kindly confirm which one is required.</p> <p>3. AMD or Intel both CPUs are allowed?</p> <p>4. Need more information regarding extensive cosmological galaxy formation simulations.</p> <p>5. Can we offer third party solution for software utility?</p> <p>6. Instead of OEM, is it ok if the bidder has the registered office in Madhya Pradesh?</p> | <p>1. Single / Dual CPU. We can accept both.</p> <p>2. Single / Dual Socket. We can accept both.</p> <p>3. We are ok for both make Intel / AMD platform</p> <p>4. The RACK server will be used to perform N-body (Gravitation force and Radiative Transfer) Calculations. So the communication between different nodes is essential. The GPU is primarily used for physics calculations and not for AI/ML hence double precision in GPU is important.</p> <p>5. No, a cluster management software is required as part of the solution. Therefore, all bidders are requested to submit their proposals along with a cluster manager software from the same OEM as the offered servers. An OEM datasheet for the cluster manager software must be included in the bid submission. The solution should include a SLURM dashboard manager that provides a comprehensive overview of ongoing jobs, active users, and system resource utilization. It should clearly display the number of running jobs, user-wise job distribution, and the number of idle cores, along with detailed insights into user activities.</p> <p>6. We prefer OEM, but the registered office in Madhya Pradesh will also be considered provided for two Years or more onsite same day warranty and support within 4 hours response criteria is met.</p> |

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| e | M/s. Netweb Technologies | <p>1. Are both Intel and AMD processors permitted for quotation, or is there a preference/restriction?</p> <p>2. Can we propose a 1U form factor (With 8x 2.5" Bays or) for compute nodes to optimize rack space, instead of the standard 2U?</p> <p>3. The RFP specifies 32GB of GPU memory but in below paragraph 4 TFLOPS double precision performance is mentioned. (Kindly gave us clarity on do you require tesla gpu's)</p> <p>4. Regarding the switches-do you require 10G SFP+ or 10G Base-T interfaces and a gigabit management switch separately?</p> | <p>1. Single / Dual Socket. We can accept both.</p> <p>2. Yes, we can go with 1U/2U rackmount chassis.</p> <p>3. We highly recommend double precision but single precision will also be considered with minimum 32GB GPU Memory, 48GB GPU Memory. (for both cases).</p> <p>4. We are looking for a 16 Port 10G SFP+ Switch as an primary network for our HPC. and as an management network we require a 8 Port Gigabit switch.</p> |
| f | Verbal queries regarding the terms and conditions. | All queries were properly addressed and resolved satisfactorily. | |

Note-

1. The date of submission of online bids is extended up to 20/06/2025 @ 17:00 Hrs.
2. The date of Opening of bids is extended up to 20/06/2025 @ 17:30 Hrs.
3. All prospective/willing bidders are requested to take note of this report as part of the tender document. All other parts of the tender, including the terms and conditions, will remain unchanged.

Assistant Registrar
MM Section

