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|  | <p style="text-align: center;"><b>INDIAN INSTITUTE OF TECHNOLOGY BOMBAY</b><br/> <b>MATERIALS MANAGEMENT DIVISION</b><br/> <b>Powai, Mumbai 400076.</b></p> |
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Ref. PR No. 1000056708

Rfx. No. 6100003077

**Item Description : GPU Server - Qty: 1**

| Sr. No | Item Description    | Detailed Technical Specification                                                                                                                                                                                                                                                                  | Technical Compliance (Yes / No) | Additional Information (if any) |
|--------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|
| 1.     | Processor           | Processor Family:<br>AMD EPYC 9334 (2.7 GHz)                                                                                                                                                                                                                                                      |                                 |                                 |
| 2.     | Motherboard         | CPU Air Cooler (Noctua NH-U14S TR5-SP6 cannot fit into 4U Chassis, hence will provide 4U Air Cooler)                                                                                                                                                                                              |                                 |                                 |
| 3.     | Memory              | 6x64GB DDR5 ECC RDIMM, supporting up to 2 TB total memory within the system.<br>Note: The quoted memory frequency shall be 5600 Mhz or higher, and be supported by the processor.                                                                                                                 |                                 |                                 |
| 4.     | Drive               | 2 x 3.84 TB SATA SSD 2.5" drives configured in RAID 5                                                                                                                                                                                                                                             |                                 |                                 |
| 5.     | RAID Controller     | Hardware RAID Controller with RAID 0/1/5/6/10/50/60 Support                                                                                                                                                                                                                                       |                                 |                                 |
| 6.     | GPU Accelerator     | 4 x Nvidia RTX Pro 5000(48GB) Blackwell PCIe passive-cooled accelerators with NVLink bridge or equivalent                                                                                                                                                                                         |                                 |                                 |
| 7.     | Ethernet Networking | Single 10G Ethernet port                                                                                                                                                                                                                                                                          |                                 |                                 |
| 8.     | Power Supply        | Minimum 2700W redundant power supply (configured N+1 or 3+1) of Platinum or Titanium efficiency grade to support the fully configured server with 4 nos of Nvidia RTX Pro 5000(48GB) graphics cards at peak performance, considering full system expandability and maximum GPU load or equivalent |                                 |                                 |

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| 9.  | Management Port                              | <p>Dedicated 1 Gbps RJ45 out-of-band management port for administrative use, supporting standard remote management protocols (e.g., IPMI 2.0/iDRAC/REST/Secure access) with web-based GUI, command-line interface, hardware monitoring, remote power control, console redirection, and secure access.</p> <p>The bidder shall provide documentation confirming supported management features and protocols.<br/>Note : The Management software should be of the same OEM as the offered server.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |
| 10. | Operating System                             | Latest Ubuntu LTS 24 or newer or equivalent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| 11. | Form Factor                                  | Rack-mount server housed in a 4U form-factor chassis with 16 or more hot-swappable 2.5- inch drive bays                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| 12. | Pre-Installed Software & Libraries for GPGPU | TensorFlow, PyTorch, MXNet, Caffe, CNTK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |
| 13. | Warranty                                     | Three (3) years onsite warranty with next business day onsite diagnostic support. The vendor shall provide comprehensive onsite service including fault diagnosis, repair, and parts replacement during the warranty period. Documentation confirming the warranty terms and service response commitment shall be submitted with the bid.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| 14. | Other Deliverable                            | Rack mounting kit and all required cables to make the system functional, including but not limited to power cables, network cables, and interconnect cables as applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| 15. | Other Terms & Scope of Works:                | <ul style="list-style-type: none"> <li>a) Vendor has to deliver, install and commission the server in IIT Bombay premises.</li> <li>b) OEM should have a sales and support office in India atleast for 5 Years.</li> <li>c) Bidder should submit a minimum of one similar PO of solution supplied by them in the last 2 financial years.</li> <li>d) Bidder should submit a minimum of one similar PO of solution supplied by them in the last 2 financial years alongwith the respective installation report as a proof of their expertise of supplying &amp; maintaining the solution.</li> <li>e) OEM should take care of the entire solution till the warranty period (for update/ upgrade of software &amp; hardware). Same will be required on the OEM's letter head.</li> <li>f) Vendors should submit Manufacturer's Authorization Letter (MAF) from OEM(s) of proposed solution, including back-to-back support confirmation. The letter should be specifically for this tender on OEM's original letter head with</li> </ul> |  |  |

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|  |  | <p>contact details, duly signed by authorized signatory with designation.</p> <p>g) The proposed hardware should be compatible with Ubuntu 24 or above and all required drivers should be available for the OS. OEM/Vendor shall provide a self-certification for the same.</p> <p>h) Entire support and application installation shall be directly from the OEM side.</p> <p>i) OEM should have 1.6 Cr. average turn over for the last 3 Financial Years.</p> <p>j) Unsolicited bids will not be accepted.</p> |  |  |
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Please note : The vendor should provide make & model of the GPU Server specifically in the quotation.