



Bhartiya Vidya Bhavan's
Sardar Patel Institute of Technology, Mumbai-400058

Department of Computer Science & Engineering

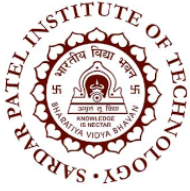
**Quotation
for**

***GPU Server
for AI Computing Laboratory***

Ref: SPIT/CSE/2025-26/

DATE: 6th February 2025

Cost of Quotation : Nil



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ANDHERI, MUMBAI 400058

INVITATION OF QUOTATION

Name of Work: To supply Graphical Processing Unit Server and Cloud Subscription Services

Dear Sir,

1. You are invited to submit your most competitive quotation for the supply of equipment indicated in Table 1. The detailed specifications and the model no. indicating the class of instrument purchaser wishes to procure is indicated in Table 2. The manufacturer and the model are indicated to represent the class of equipment. The supply, however, could be of any make meeting important specifications indicated.
2. The details are as below.

Period for Sale of Quotation Forms	06-02-2025 to	12-02-2025
Timings	11.00 hrs to	16.00 hrs
Place for Sale	CSE Department	
Deadline for receipt of Quotation at CSE	12-02-2025	16.30 hrs
Date and Time of Quotation Opening	12-02-2025	17.00 hrs
Place of Opening	Office of Computer Science and Engineering Department, 4th Floor, SP-IT	
Competent Authority Inviting Quotation	Principal, SP-IT	

3. Quotations will be opened in the presence of Bidders or their representatives who choose to attend at 17:00 Hrs. Wednesday, 12th February 2025 in the office of the HoD, Computer Science Engineering Department.
4. Further details of this invitation quotation and the relevant documents are available in the office at CSE Sardar Patel Institute of Technology, Mumbai
5. We look forward to receiving your Quotations and thank you for your interest in this supply.



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Table 1

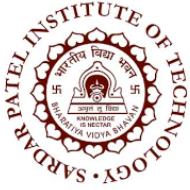
Sr. No.	Name of the Equipment	Quantity
1.	ESC8000A-E12 or equivalent	1 No.
2.	AMD EPCY 9554 Processor	2 Nos.
3.	RAM 64 GB DDR5	4 No.
4.	SSD 2 TB	1 No.
5.	HDD SATA 20 TB	1 No.
6.	NVIDIA RTX 6000 Ada	2 No.

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amari

Yours Sincerely,
HoD, CSE

Amc

Approved
Shandij
6/2/25



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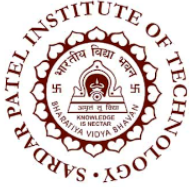
Table 2

Detailed specifications of various equipment indicated in Table 1 are as follows.

1. ESC8000A-E12 or equivalent:

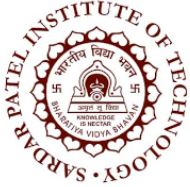


Component	Description
Processor Support	2 x Socket SP5 (LGA 6096)
Core Logic	AMD EPYC™ 9004 Series (4th Generation AMD EPYC™ Processors with AMD 3D V-Cache technology)
Memory Total Slots	24 x DIMM slots (12 channels per CPU, 12 DIMMs per CPU)
Memory Capacity	Maximum up to 3TB per CPU socket
Memory Type	DDR5 4800/4400 RDIMM/3DS RDIMM
Memory Size	64 GB expandable upto 256 GB
Expansion Slots	01
Slot Types	1 x PCIe x8 slot (Gen5, LP, HL) for HBA/RAID cards; 8 x PCIe x16 slots (Gen5, FH, FL) for dual-slot GPU cards; 1 x PCIe x16 slot (Gen5, FH, FL) for NIC card
SATA Controller	1 x PCIe x8 slot (Gen5 FH, FL) for NIC Card or Gen5 x16 OCP socket option; 4 x SATA 6Gbps ports; 1 x M.2 connector (PCIe Gen3 x4 link)



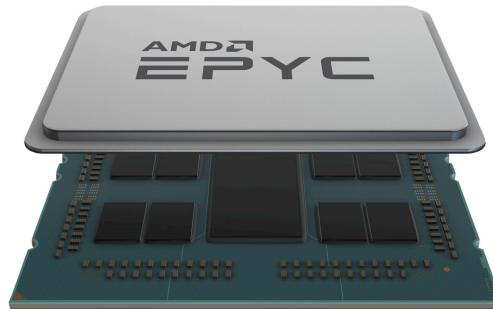
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SAS Controller	Broadcom MegaRAID 9560-16i, Broadcom MegaRAID 9540-8i, ASUS PIKE II 3008 8-port HBA Card
Storage Bays	8 x 3.5" Front Hot-swap Storage Bays (backplane supports up to 8 x NVMe/SATA/SAS; SAS support requires an HBA/RAID card)
Networking	2 x 10GbE LAN ports (RJ45, X710-AT2) or 2 x Gigabit LAN ports (RJ45, I350-AM2); 1 x Management Port (RJ45)
Graphics	Aspeed AST2600 64MB
Front I/O Ports	2 x USB 3.2 Gen1 ports; 1 x VGA port
Rear I/O Ports	1 x VGA port; 1 x COM port; 2 x 10GbE/1GbE LAN ports (RJ45, build for order); 1 x Management port (RJ45)
Switch/LED - Front Switch/LED	1 x Power Button w/LED, 1 x Location Button w/LED, 1 x Message LED, 1 x Q-Code/Port 80 LED, 1 x Clear CMOS LED, 1 x Reset LED, 1 x M.2 LED
Switch/LED - Rear Switch/LED	1 x Power Button w/LED, 1 x Location Button w/LED
OS Support	Windows Server, RedHat® Enterprise Linux, SuSE® Linux Enterprise Server, CentOS, Ubuntu, VMware (Refer to ASUS OS support list for latest update)
Power Supply	2+2 Redundant 2600W/3000W 80 PLUS Platinum; 2+1 Redundant 3000W 80 PLUS Platinum Power Supply; Rating: 220-240 Vac, 15.5A(x4), 50-60 Hz
Environment	Operating Temp: 10°C ~ 35°C; Non-Operating Temp: -40°C ~ 70°C; Non-Operating Humidity: 20% ~ 90% (Non-condensing)

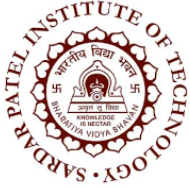


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2. AMD EPYC 9554 Processor or equivalent:



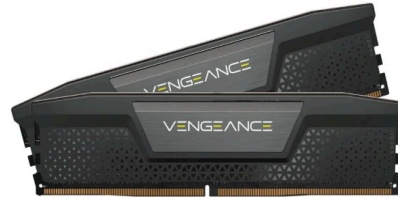
Component	Description
CPU Cores	64
Threads	128
Max. Boost Clock	Up to 3.75 GHz
All Core Boost Speed	3.75 GHz
Base Clock	3.1 GHz
L3 Cache	256 MB
Default TDP	360W
AMD Configurable TDP	320-400W
CPU Socket	SP5
Socket Count	1P / 2P
PCI Express® Version	PCIe® 5.0 x128
System Memory Type	DDR5
Memory Channels	12
System Memory Specification	Up to 4800 MT/s
Per Socket Mem BW	460.8 GB/s
Workload Affinity	Analytics , CAE CFD FEA , ERM SCM CRM apps , High



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	capacity data mgmt (NR RDBMS) , HPC , VM Density
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3. RAM 64 GB DDR5 or equivalent:

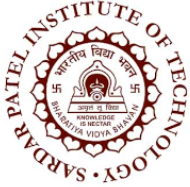


Component	Description
Memory Size	64 GB
DIMM	Unbuffered
Technology	DDR5
Speed	4800 MHz or more

4. SSD 2 TB or equivalent:



Component	Description
Usage	Enterprise
Capacity	2 TB
Form Factor	M.2 2280
Interface	SATA
Sequential Read Performance	560MB/s
Sequential Write Performance	530MB/s
Random Read	95K IOPS
Random Write	85K IOPS



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Endurance (TBW)	1300
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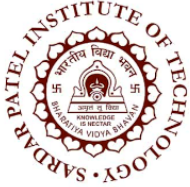
5. HDD SATA 20 TB or equivalent:



Component	Description
Usage	Enterprise Hard Drive
Capacity	18 TB
Form Factor	3.5"
Interface	SATA
Cache Size	256 MB or more
Formatting	512e
Disk Speed (RPM)	7200
Interface Access Speed (Gb/s)	6.0, 3.0

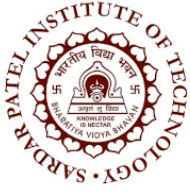
6. NVIDIA RTX 6000 Ada or equivalent:





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Component	Description
GPU memory	48GB GDDR6
Memory interface	384-bit
Memory bandwidth	960 GB/s
Error correction code (ECC)	Yes
NVIDIA Ada Lovelace architecture-based CUDA Cores	18,176
NVIDIA fourth-generation Tensor Cores	568
NVIDIA third-generation RT Cores	142
Single-precision performance	91.1 TFLOPS3
RT Core performance	210.6 TFLOPS3
Tensor performance	1457.0 TFLOPS4
System interface	PCIe 4.0 x16
Power consumption	Total board power: 300 W
Thermal solution	Active
Form factor	4.4" H x 10.5" L, dual slot, full height
Display connectors	4x DisplayPort 1.4a5
Max simultaneous displays	> 4x 4096 x 2160 @ 120 Hz > 4x 5120 x 2880 @ 60 Hz > 2x 7680 x 4320 @ 60 Hz
Power connector	1x PCIe CEM5 16-pin
Encode/decode engines	3x encode, 3x decode (+AV1 encode and decode)
VR ready	Yes
vGPU software support5	> NVIDIA vPC/vApps > NVIDIA RTX Virtual Workstation
vGPU profiles supported	See the Virtual GPU Licensing Guide
Graphics APIs	DirectX 12, Shader Model 6.6, OpenGL 4.66, Vulkan 1.36
Compute APIs	CUDA 11.6, OpenCL 3.0, DirectCompute



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[To be submitted by Bidder]

Quotation for:

1. Supply of GPU Server.
2. Cloud subscription services

To,
The Principal,
Sardar Patel Institute of Technology,
Mumbai – 400058

Sub: 1. Supply of GPU Server and 2. Cloud subscription services

Ref . No. SPIT/CSE/2025-26/

DATE: 6th Feb. 2025

Dear Sir,

I/We submit our most competitive offer in response to a letter as referred above in accordance with the conditions of contracts. Our quotation is given below.

Sr. No.	Name of the equipment	Brief Description	Quantity	Basic Rate per unit	Taxes [Give break up] per unit	Total cost per unit	Total
1.							
2.							
3.							
4.							
5.							
6.							

We hereby confirm that this quotation is valid for a minimum duration of 45 days.

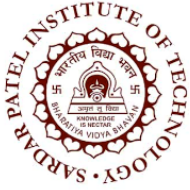
Yours faithfully,

Authorized Signature

Name & Title of Signatory:

Name of Bidder /office stamp:

Address:



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Terms and Conditions:

1. The bidder can submit quotations for Item No.1 and 2 individually or together.
2. The bidder must include maintenance costs.
3. The bidder must include annual cloud services cost in the quotation for supply of cloud services.
4. The bidder should be a manufacturer / authorized dealer. The authorization letter should be attached.
5. The bidder should be a registered firm and should submit the registration document, income tax, sales tax settlement etc. for the 2023-24 financial year.
6. The bidder should also attach the purchase orders for the supply of relevant items to other institutes / industry in the last one year.
7. Please quote in all letters, invoices, etc. the number and the date of this quotation document.
8. The pricing will indicate clearly the basic price, and applicable taxes, duties etc.
9. Bidders are expected to give their most competent [no-regret] offers. The bids will be evaluated item wise.
10. The bidder may quote for any no. of items in the table 1.
11. The bidder should provide a 5-year warranty for each of the hardware component.
12. The tender should include the support of an onsite engineer for up to 2 years.
13. The tender should include provision for a user to be able to work on a GUI while remotely connected to the system. Also, the bidder should provide graphical user interface (GUI) for visualizing resource allocation and managing server storage and services from the client side.
14. The quantity mentioned is indicative in nature and may vary depending upon the requirements while placing purchase order.
15. Images in Table 2 are indicative in nature, actual device/ equipment may differ in visuals.
16. All the supply will be made within 45 days from the receipt of the order.
17. Bills should be sent in triplicate along with stamped pre-receipt, in the name of Principal, Sardar Patel Institute of Technology, Andheri, Mumbai-400058.
18. The Principal, SPIT reserves all right to reject any quotation without assigning any reasons there for. No communication in this regard will be entertained.
19. The Principal, SPIT reserves all right to cancel this procurement at any stage without assigning any reasons there for.