

**Department Chemistry, University of Kerala, Kariavattom,
Thiruvananthapuram, Kerala, India - 695 581**

13/08/2020

E-Tender Notice(Re-tender)

Department of Chemistry, University of Kerala, Kariavattom invites open tenders through e-Procurement (in two bid system), from reputed manufacturers/authorized distributors/Indian Agents for the purchase of the equipment 'Computer Server' in the Department, in connection with the implementation of the Specific Project "Advanced Research Laboratory for Molecular Sensing and imaging".

Last date and time for submission of tender online	21/08/2020: 5 PM
Date and time of opening of Technical bid	26/08/2020: 11AM
Date and time of opening of Financial bid	After technical Evaluation.
For technical details contact	Dr. Sony George Assistant Professor and Head Department of Chemistry Mobile : +91-9446462933 Email : emailtosony@gmail.com

TECHNICAL SPECIFICATIONS

1) GPU SERVER

Sl No:	Parameter	Description
1	Processor	2 x Intel® Xeon® Platinum 8260 2.4G,24C/48T, 3UPI, 35.75M Cache(165W) DDR4 -2933
2	No of Processors	2 socket fully populated
3	Chipset	Intel Chipset/ OEM Chipset
4	Memory Scalability	Minimum 24 DIMM slots DDR4 or higher
5	Memory	512 GB Registered DDR-4 2933 ECC Memory populated upgradable to 3 TB
6	Storage	Minimum 1 x 1.6TB, NVMe SSD, Mixed Use Express Flash Minimum 4 x 1.6TB SSD SAS Mix Use 12Gbps
7	Drive Bays	8 x 2.5" SAS/SATA or better
8	Raid Card	12Gbps PCIe 3.0 with RAID 1, 5, 6,10, 50 with controller cache
9	Optical Drive	DVD – RW Drive
10	NIC	Minimum 4 x 1GbE
11	I/O Expansion	Minimum 4 PCIe 3.0 expandable up to 6 slots
12	Form Factor	2U
13	Ports	4 USB (2 front side and 2 rear side)
14	GPU Support	Upto 3 DW and 6 SW GPU cards Should support Nvidia Tesla V100, P100, K80, K40, Grid M60, M10, P4, Testla T4, NVIDIA V100
15	Remote Management	Remote Management card with Dedicated Management/ Network Interface should support IPv4, IPv6, VLAN Tagging. Should be support remote boot, OS deployment and shutdown
16	Rack Mount Kit	Sliding Rail that should support form factor
17	Power Supply & Cooling system	Hot swappable redundant Power Supply and Fan, 1000W or more capable of supporting 2 X 250w GPU cards with necessary power supply connectors and cords of Indian standard conditions.
18	Failure alert	The server should be able to alert impending failures on maximum number of components. The alerting mechanism should at least include Processor, memory, Power Supply, FAN and Hard Disk Drives
19	Operating System Compatibility	Server support latest versions of Microsoft Hyper-V, VMWare VSphere, RedHat Enterprise Linux, SUSE Linux Enterprise Server, Microsoft Windows Server 2008 onwards, x86/x64
20	Manageability Software	Server Manageability software as per manufacturing standard of OEM for monitoring and managing the server.
21	Warranty	5 year comprehensive onsite warranty with NBD on site directly from OEM, Pre-failure warranty on CPU, Memory and Hard Disks
22	OEM status	The OEM should be reputed concern, having global presence The OEM should have minimum 3 years of development experience and production know-how. Should be among FORTUNE's top 500 global companies

COMPULSORY OPTIONAL ITEMS

- NVIDIA Tesla T4 16GB DDR6 GPU PCI-E Graphic Card compatible with GPU server as per item number 1
- 1 Nos
- NVIDIA Tesla™ V100 GPU 32GB PCI-E Graphic Card compatible with GPU server as per item number 1
- 1 Nos
- NVIDIA Tesla™ V100 GPU 16GB PCI-E Graphic Card compatible with GPU server as per item number 1
- 1 Nos
- 1.6TB NVMe SSD, Mixed Use Express Flash
1 Nos

Terms and Conditions

1. Every tenderer should submit Tender fee of **Rs.2,500/-**.
2. Every tenderer should submit Earnest Money Deposit (EMD) of **Rs.20,000/-**.
3. The bidder shall have executed “Similar Nature” of single order for an amount not less than Rs.50 lakhs in last three financial years in Government Department/PSU/Autonomous Body or any reputed organization. References order copy along with proof of completion certificate for the project must be provided.
4. Quantities can be increased or decreased by purchaser and bidder has to supply deviated quantities at the rates prescribed and approved by the purchaser in the tender document. Purchase of optional items will be finalized at the time of financial evaluation. However, the bidder must quote the optional items. The bidder should quote all items, partial quote will not be accepted.
5. Original Equipment Manufacturer (OEM) Certificate/ Undertaking. If the bidder is not an OEM, Certificate of authorized dealership/ distributorship from the OEM. A Certificate from the OEM for technical support to the bidder and supply of spares.
6. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.
7. Commercial bids of Short-listed vendors will only be opened. Please note that the Vendor(s) who do not qualify in the technical bid will not be considered for commercial bid.
8. The bidder must not sub-contract the work to other providers.
9. The prices quoted must be on “all-inclusive till destination” basis. The prices quoted should be inclusive of all Taxes Freight, Packing & Forwarding Charges, Handling, Delivery Charges, installation charges etc.
10. The configuration given is the minimum configuration that is/are required. Vendors may choose to supply higher/better/ enhanced systems/peripherals, but their financial quotes shall be treated as if they have been offered for the specified configuration only.
11. The Bidder shall bear all the costs associated with the preparation of the documents, submission of its bid and we will in no case be responsible or liable for these costs, regardless of the conduct

or outcome of the bidding process.

12. The bid shall be typed and shall be signed by the bidder or a person duly authorized to bind the bidder to the contract.
13. The bid shall contain no interlineations erasures or overwriting except as necessary to correct errors made by the Bidder. In such case the person or persons signing the bid shall initial such corrections.
14. The bidder is expected to examine all instructions, forms, terms, condition, and technical specifications in the tender Documents. Failure to furnish all information required by the tender Documents or submission of a bid not substantially responsive may result in the rejection of its bid.
15. The bidders shall give undertaking that all the Components used in the equipment's shall be original make as per the technical specifications submitted and the hardware/software shall be supplied with the authorized license certificates, if found contrary the supplier shall replace the component/equipment with original one at their own cost.
16. The supplied GPU server should be listed under NVIDA tesla-qualified-servers-catalog.
17. Validity of tender: Tender submitted shall remain valid at least for 90 days from the date of opening the tender. Validity beyond three months from the date of opening of the tender shall be by mutual consent.
18. Delivery and installation: Proposed delivery schedule should be mentioned clearly. **Delivery and installation should be made at Department of Chemistry, University of Kerala, Kariavattom Campus Trivandrum - 695581, without any extra cost. Complete installation, testing and demonstration of the system and day to-day maintenance are to be provided at site.** The Supply and installation of items must be made within four weeks from the date of issue of supply order. Delay in supply will lead to penalty @1% of the value of tender for every week of delay or part thereof. (i.e. exceeding three days will be calculated as one week). If it is found that the items so supplied are not as per supply order specifications, the supply made will be rejected and Earnest Money Deposit will be forfeited.
19. Warranty period will start from the date of successful installation of all the items at site.
20. Service facility: Supplier should mention their details of service setup and manpower in Trivandrum who are responsible for after sales support.
21. In case of any dispute, the decision of the University authority shall be final and binding on the bidders. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.

Documents to be uploaded:

1. Signed Compliance Matrix
2. Detailed Technical Brochure
3. BoQ
4. Detailed Financial Bid in pdf format.

Registrar