

PL.A1/ORI/28461/2019/UOK

**Oriental Research Institute and Manuscripts Library, University of
Kerala, Kariavattom,
Thiruvananthapuram, Kerala, India - 695 581, Ph: 91 471 2308421**

15/10/2019

E-Tender Notice

Department of Oriental Research Institute and Manuscripts Library, University of Kerala, Kariavattom, invites tenders for the purchase of Storage Server with following specifications.

Last date and time for submission of tender online	: 14.11.2019 :5PM
Date and time of opening of tender	: After Technical Evaluation
Hard copies of the sealed tenders to be submitted to the office of	The Registrar University of Kerala Trivandrum
For technical details contact	Dr. Aneesh Mohammed A S Instrumentation Engineer Central Laboratory for Instrumentation and Facilitation University of Kerala Ph. No. 0471 2308566 e-mail: siccuok@gmail.com

Specification for Storage Server for ORI			
Sl.no	Item	Description of Requirement	Complied (Yes / No)
1	Make / Model	MNC OEM of high repute such as DELL / FUJITSU / HP	
2	Form Factor	Rack mount Server maximum 2U	
3	Processor	Intel® Xeon® Silver 4110 (8C 2.10 GHz)	
4	Chipset	Intel® C620 or better	
5	Memory	128 GB DDR4 Registered ECC (16 GB x 8 dimms)	
6	Memory Features and scalability	Advanced ECC, SDDC (Chipkill™), Rank sparing, Memory Mirroring support 24 dimm slots Scalable up to 3TB	
7	HDD	8 x HD SATA 6G 10TB 7.2K 512e HOT PL 3.5' BC	
		2 x HD SAS 12 G 600GB 15K 3.5' for OS	
8	HDD Scalability	Should be scalable up to 16 disk bays	
9	RAID / SAS Controller	Raid controller 12Gbps supporting - RAID Levels 0, 1, 5, 6, 50. with 1GB cache and battery backup unit	
10	Ethernet ports	The system should have 6 x 1Gbit/s ethernet ports	
11	Optical ports	2 x 10Gbps SFP port with 10G module	
12	Other Ports	Minimum 4 USB 3.0 ports - 2 Front, 2 Rear	
13	Expansion	6 PCIe 3.0 slots, at least 3 PCIe 3.0 x16 slots	
14	Rack Mount kit	Sliding rail that should support form factor	
15	Operating System	Windows storage Server 2016	
16	Operating System Support	The system should support Windows 2016, Windows 2019 and latest edition of Linux offerings Centos, RHEL and SUSE Linux	
17	Server Management	Integrated Remote management controller port IPMI 2.0 compliant 1Gbps. should support graphical console	

	and Remote management controller	<p>redirection and remote media redirection. OEM Server Management Suite.</p> <p>The server management suite should have power management capability with view of historical data (more than 6 months data).</p> <p>Licence if applicable for these functions should be included with licence support for the entire warranty period.</p>	
18	Power Supply	<p>Redundant Hot Swap power supply with adequate capacity. Power consumption details of the server with the above mentioned configuration at 100% load to be provided. Power cords with indian standard shall be supplied</p>	
19	Fans	Redundant Hot Swap Fans	
20	Antivirus	Must include Symantec Antivirus software suitable for the server os	
21	Warranty and Support	<p>5 years comprehensive onsite warranty with NBD directly from OEM. Prefailure warranty on CPU memory and HDD. The warranty shall include advanced replacement for all 5 years.</p> <p>Software licence if any including management software should also be covered for entire warranty period</p>	
22	Support setup	<p>The OEM should have support setup in India. The Escalation matrix should be shared.</p> <p>The toll-free number and mail id for logging support calls should also be shared.</p> <p>The OEM should have presence in India for 10 years or more</p>	
23	Others	<p>The entire server should be factory integrated with all parts bearing OEM partcodes.</p> <p>No assembly at the site will be permitted.</p> <p>BOM with OEM partcodes should be submitted with the technical bid.</p>	

General Conditions:

1. Every tenderer should submit Tender fee of **Rs. 2,500/-**
2. Every tenderer should submit Earnest Money Deposit (EMD) of **Rs. 10,000/-**
3. The tender shall be submitted in the two bid viz. Technical Bid and Financial Bid. Only those qualified in technical bid will be eligible for participating in financial bid.
4. The bidder should be a manufacturer or their dealer specifically authorized by the manufacturer to quote on their behalf for this tender as per Manufacturer Authorization Form and Indian agents of foreign principals, if any, who must have designed, manufactured, tested and supplied the equipment(s) similar to the type specified in the “Technical Specification”. Such equipment must be of the most recent series/models incorporating the latest improvements in design. The models should be in successful operation for at least one year as on date of Bid Opening.
5. **Compliance Statement:** Along with the technical details provide a tabular column indicating whether the equipment quoted by you meets the specifications by indicating 'YES' or 'NO'. If 'YES', support the claim by providing original brochures. **Venders should provide clear brochures/data sheets about the equipment and its working. Also include adequate proof for the claim regarding the performance.**
6. **Reference:** Names of Institutes with contact person and telephone/ email where similar equipment supplied by you in India [Preferably South India] shall be mentioned in the bid.
7. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.
8. The price should be inclusive of all taxes, duties, transportation, insurance, installation etc. Nothing extra will be paid in addition to the quoted rate. Any amount in Indian rupees for installation, commission, labour, spares, service etc shall be entered in item 2 of BoQ.
9. Validity of tender: Tender submitted shall remain valid at least for 120 days from the date of opening the tender. Validity beyond 120 days, from the date of opening of the tender shall be by mutual consent.
10. Delivery and installation: Proposed delivery schedule should be mentioned clearly. Delivery and installation should be made at the Oriental Research Institute and Manuscripts Library, University of Kerala, Kariavattom campus, Trivandrum without extra cost (inclusive of

documentation, demurrage, customs duty, clearance and transportation charges). University of Kerala will provide customs duty exemption certificates if required.

11. Service facility: Supplier should mention their details of service setup and manpower in Thiruvananthapuram who are responsible for after sales support.
12. The model number, make, and a printed literature of the product shall be submitted positively.
13. In case of any dispute, the decision of the University authority shall be final and binding on the bidders.
14. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.
15. The quoted item should be under **comprehensive warranty for five years** or more.
16. If any component is found to be defective during the warranty period, the vendor has to replace the defective item immediately at their own cost.

Documents to be uploaded:

1. Signed Compliance Matrix
2. Detailed Technical Brochure
3. Under taking of support for next 10 Years
4. BoQ
5. Detailed Financial Bid