## CHAUDHARY DEVI LAL UNIVERSITY, SIRSA

(Established by the State Legislature Act 9 of 2003)



Quotations are invited from the vendors for purchase of following items for Chaudhary Devi Lal University, Sirsa.

Sr. No.	Name of work	Specifications
1.	Purchasing of Server, NAS, 24- port Giga managed switch with 2SFP Port, Monitor (LED) 23.05" inch and Keyboard + Mouse Kit	Annexure – I

### **Conditions:**

- 1. The sealed quotations, complete in all respect, must reach by hand/by post in the Office of the Registrar, CDLU, Sirsa latest by 27.10.2022.
- "Quotation for Server, NAS, 24- port Giga managed switch with 2SFP Port, Monitor (LED) 23.05" inch and Keyboard + Mouse Kit" must be clearly written on the sealed envelope.
- 3. The Quotation received after due date and time or incomplete shall be rejected outrightly.
- 4. The following charges and terms may be spelt out in your offer clearly:
  - (a) F.O.R.
  - (b) Rates of VAT/Excise Duty (in percent), if any. Please note that the University does not issue Form 'C' or 'D'.
  - (c) Payment terms.
  - (d) Delivery period.
  - (e) Guarantee/Warranty period.
  - (f) After-sales service.
  - (g) Installation charge, if any.
  - (h) Validity period of the quotation.
  - (i) Bank Draft charges, if any.
  - (j) Misc. charge such as Packing & Forwarding charges, Insurance charges, etc., if any.
- 5. The packing, forwarding, fright, insurance charges etc. may be quantified in terms of amount. These charges will not be payable against such vague statement as "packing, forwarding, fright, insurance charges etc. extra".
- 6. Charges not mentioned in the quotation shall not be paid.
- 7. FOR shall be CDLU, Sirsa.

- 8. The offer must be valid for a period of atleast three months from the date of opening of quotation.
- 9. Quantity may increase or decrease without any notice.
- If the Supplier or their Principals are on rate contract with GeM, this may be mentioned specifically in the offer and a photocopy of the same, duly attested, may be appended.
- 11. The University is situated within the Municipal limits, as such, Octroi, of any, shall be payable. In case, the material is supplied through a Transport Company by road, the Transport Company's charges, labour charges and octroi charges shall be borne by the supplier. It may be mentioned specifically as to whether the material will be sent by rail or by road through a Transport Company.
- 12. The item/good shall be supplied by the supplier within the time limit specified in the supply order. The delivery period can be extended by the Vice-Chancellor, only in exceptional cases on written request of the Supplier giving reason/ explaining circumstances due to which delivery period could not be adhered to. In case, the material is not supplied within the delivery period, the supplier shall be liable to pay the University the compensation amount equivalent to 1% (one percent) of the cost of material per day or such other amount as the Vice-Chancellor may decide till the supply remains incomplete, provided that the total amount of compensation shall not exceed 10% (ten percent) of the total amount of the cost of material to be supplied. Appeal against these orders shall, however, lie with the Vice-Chancellor, CDLU, Sirsa whose decision shall be final.
- TDS/Taxes as applicable will be deducted by the University as per rules/instruction of Govt.
- 14. In case, the supplier/contractor fails to execute the supply order/contract on the rates, and conditions as contained in the supply order within the stipulated period, they shall be liable to such action as blacklisting, debarring from having any business with this University, forfeiture of earnest money/security, besides any other action as may be deemed proper by the University.
- 15. As a general policy, the University tries to make 100% payment within 15 days of the receipt of the material subject to proper installation, wherever applicable and satisfaction of the Inspection Committee. No advance payment against documents negotiated through Bank shall be made.
- The acceptance of the material shall be subject to satisfactory report of this Office's Inspection Committee/Technical Committee/Experts Committee.
- 17. The acceptance of the quotation/tender shall rest with the undersigned who does not bind himself to accept the lowest quotation and reserve the right to reject any or all items of quotation without assigning any reason therefore. the under signed also reserve the right

to accept quotation/tender in part i.e. any item or any quantity and to reject it for the rest.

- 18. In case, any other information/clarification is required, you can contact at Telephone No.
  01666-247254 on any working day (Monday to Friday) during office hours (9 a.m. to 5 p.m.).
- 19. The dispute, if any, shall be subject to the jurisdiction of Court at Sirsa. Any othe jurisdiction mentioned in the quotation or invoices of the manufacturers/distributor/dealers/supplier etc. Shall be invalid and shall have no legal sanctity.
- 20. Terms and conditions printed on Quotation of the firm, if any; shall not be binding on the University, except those mentioned specifically on the supply order, and your acceptance of the order shall be construed as your agreement to all the terms and conditions contained in the order.

-sd-(Committee Members)

#### Endst. No. CS/2022/224/325-328

Copy of the above is forwarded to the following for information and necessary action:

- 1. Director, University Website (with the request to upload the Quotation Notice on the University Website).
- 2. Assistant Registrar (General), CDLU, Sirsa.
- 3. P.S. to Vice Chancellor (for kind information of the Vice Chancellor), CDLU, Sirsa.
- 4. P.A. to Registrar (for kind information of the Registrar), CDLU, Sirsa.

-sd-Assistant Registrar (Results)

#### Dated:10.10.2022

## CHAUDHARY DEVI LAL UNIVERSITY, SIRSA

(Established by the State Legislature Act 9 of 2003)



# Sub: Supplying/Installation/Testing/ Commissioning of Server, Monitor, NAS and Network switch for EDP Cell, CDLU, Sirsa comprising following specifications:

Item No.	Description of item	Qty.	Unit
1.	Server specifications/configuration	02	Each
1.	FRONT STORAGE	02	Lach
	Chassis with up to 8x2.5" Drives		
	BACKPLANE		
	SAS/SATA Backplane		
	Trusted Platform Module No Trusted Platform Module		
	Chassis Configuration		
	2.5" Chassis with up to 8 Hard Drives (SAS/SATA) 1 CPU		
	Processor		
	Intel® Xeon® Silver 4310 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W)		
	DDR4-2666		
	Additional Processor		
	No Additional Processor		
	Processor Thermal Configuration		
	Heatsink for 1 CPU configuration (CPU less than 185W)		
	Memory Configuration Type		
	Performance Optimized		
	Memory DIMM Type and Speed		
	3200MT/s RDIMMs		
	Memory Capacity		
	64GB RDIMM, 3200MT/s, Dual Rank		
	RAID Configuration		
	C4, RAID 5 for 3 or more HDDs or SSDs (Matching Type/Speed/Capacity)		
	RAID/Internal Storage Controllers PERC H745 with front load bracket		
	Hard Drives		
	(3) 800GB SSD SAS ISE Mix Use 12Gbps 512e 2.5in Hot-plug AG Drive, 3 DWPD,		
	BIOS and Advanced System Configuration Settings		
	Performance BIOS Setting		
	Advanced System Configurations		
	UEFI BIOS Boot Mode with GPT Partition		
	Fans		
	Standard Fan x5		
	Power Supply		
	Dual, Hot-Plug, Redundant Power Supply (1+1), 600W		
	Power Cords		
	(2) Jumper Cord - C13/C14, 2M, 250V, 10A (India BIS)		
	PCIe Riser		
	Riser Config 0, $1xOCP 3.0(x16) + 1x16LP$		
	Motherboard		
	R450 Motherboard		
	Embedded Systems Management		
	iDRAC9, Enterprise 15G; OpenManage Enterprise Advanced		
	OCP 3.0 Network Adapters		
	No OCP 3.0 mezzanine NIC card, Blank Filler Only		
	Additional Network Cards		
	On-Board Broadcom 5720 Dual Port 1Gb LOM		
	Bezel		
	Standard Bezel for x8 Chassis		
	Quick Sync		
	No Quick Sync		
	Password		
	iDRAC,Factory Generated Password		
	Group Manager		
	iDRAC Group Manager, Disabled		

		1	1
	Operating System		
	No Operating System		
	OS Media Kits		
	No Media Required Rack Rails		
	ReadyRails <sup>™</sup> Sliding Rails with Cable Management Arm		
	Server Accessories		
	USB 3.0 Card		
	Internal Optical Drive		
	No Internal Optical Drive		
	System Documentation No Systems Documentation, No OpenManage DVD Kit		
	Regulatory		
	1U CCC and BIS Marking, No CE Marking on 2.5" Chassis, APCC/TW		
	Services: Hardware Support		
	Basic Next Business Day 36 Months, 36 Month(s)		
	Services: Extended Service		
	ProSupport and Next Business Day Onsite Service, 36 Month(s)		
2.	NAS Hardware Specification	01	Each
2.	CPU	01	Lacii
	CPU Model - AMD Ryzen V1500B		
	CPU Quantity - 1		
	CPU Architecture - 64-bit		
	CPU Frequency - 4-core 2.2 GHz		
	Hardware Encryption Engine (AES-NI)		
	Memory		
	System Memory - 8 GB DDR4 ECC SODIMM		
	Memory Module Pre-installed - 4 GB (4 GB x 1)		
	Total Memory Slots - 2		
	Maximum Memory Capacity - 32 GB (16 GB x 2)		
	Storage		
	Drive Bays - 8		
	Maximum Drive Bays with Expansion Unit - 18 (DX517 x 2)		
	M.2 Drive Slots - 2 (NVMe)		
	Compatible Drive Type* - 3.5" SATA HDD		
	2.5" SATA HDD		
	2.5" SATA SSD		
	M.2 2280 NVMe SSD		
	Maximum Single Volume Size* - 108 TB		
	Hot Swappable Drive		
	Total Installed HDD - 4TB * 3		
	External Ports		
	RJ-45 1GbE LAN Port - 4 (with Link Aggregation / Failover support)		
	USB 3.2 Gen 1 Port* - 4 eSATA Port - 2		
	Notes : The USB 3.0 standard was renamed to USB 3.2 Gen 1 by the USB Implementers		
	Forum (USB-IF) in 2019.		
	PCIe		
	PCIe Expansion 1 x Gen3 x8 slot (x4 link)		
	File System Internal Drives: Btrfs		
	EXT4		
	Extra Drives: Btrfs		
	EXT4		
	EX14 EXT3		
	FAT		
	NTFS		
	HFS+		
	exFAT		
	Notes : exFAT Access can be installed for free from Package Center in DSM 7.0. In		
	DSM 6.2 or earlier versions, exFAT Access needs to be purchased in Package Center.		
	Appearance		
	Size (Height x Width x Depth) : 166 mm x 343 mm x 243 mm		
	Weight: 6 kg		
	Others		
	System Fan: 120 mm x 120 mm x 2 pcs		
	Fan Speed Mode Full-Speed Mode		
	Cool Mode		
	Quiet Mode		
	Easy Replacement System Fan		
	Brightness Adjustable Front LED Indicators		
	Power Recovery		
	Noise Level*: 22.2 dB(A)		
	Scheduled Power On / Off		
		1	1
	Wake on LAN / WAN		

<ul> <li>Power Supply Unit / Adapter: 250 W</li> <li>AC Input Power Voltage: 100 V to 240 V AC</li> <li>Power Frequency: 50/60 Hz, Single Phase</li> <li>Power Consumption*: 59.8 W (Access) 26.18 W (HDD Hibernation)</li> <li>British Thermal Unit: 204.05 BTU/hr (Access) 89.33 BTU/hr (HDD Hibernation)</li> <li>Notes: Power consumption is measured when it is fully loaded with Western</li> <li>Digital 1TB WD10EFRX hard drive(s).</li> <li>Noise Level Testing Environment: Fully loaded with Seagate 2TB</li> <li>ST2000VN000 hard drive(s) in the idle state. Two G.R.A.S. Type 40AE</li> <li>microphones, each set up 1 meter away from the NAS at the front and rear.</li> <li>Background noise: 16.49-17.51 dB(A); Temperature: 24.25-25.75°C; Humidity: 58.2-61.8%</li> <li><b>Temperature</b></li> <li>Operating Temperature: 0°C to 40°C (32°F to 104°F)</li> <li>Storage Temperature: -20°C to 60°C (-5°F to 140°F)</li> <li>Relative Humidity: 5% to 95% RH</li> <li><b>Certification</b></li> <li>FCC</li> <li>CE</li> <li>BSMI</li> <li>EAC</li> <li>CCC</li> <li>KC</li> <li>VCCU</li> </ul>		
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BSMI EAC CCC KC		
EAC CCC KC		
CCC KC	1	
KC	1	
	1	
VCCI		
VCCI		
RCM		
Warranty		
3-year hardware warranty, extendable to 5-year coverage - EW201		
Notes: The warranty period starts from the purchase date as stated on your purchase		
receipt.		
Packaging Content		
Main Unit X 1		
Accessory Pack X 1		
AC Power Cord X 1		
RJ-45 LAN Cable X 2		
Quick Installation Guide X 1		
Optional Accessories		
DDR4 ECC SODIMM: D4ES01-4G/D4ES01-8G/D4ECSO-2666-16G		
Expansion Units: DX517		
3.5" SATA HDD: HAT5300		
2.5" SATA SSD: SAT5210		
M.2 2280 NVMe SSD: SNV3410		
25GbE Network Interface Card: E25G21-F2	1	
10GbE Network Interface Card: E10G21-F2/E10G18-T2/E10G18-T1		
VisualStation: VS360HD		
	1	
Particulars		
8 bay AMD Ryzen <sup>™</sup> Quad-core 4-core 2.2 GHz/ 8 GB DDR4 ECC SODIMM,		
expandable up32 GB (16 GB x 2) Dual M.2 2280 slots for NVMe Cache/ Expand up to		1
18 drives with two DX517 expansion units With 3 Years		
Qty: 1	1	
4TB HDD Seagate Exos 3.5" 7.2KRPM SATA Enterprise with 5 years warranty		
Qty: 3		
	01	Each
24- port Giga managed switch with 2 SFP Port		
	01	Each
Monitor (LED) 23.5" inch		
	01	Each
Keyboard + Mouse Kit	01	Lach
	1	1