

Ref: C-CAMP/L-134/2022-23 (C)

March 09, 2023

ENQUIRY

Dear Sirs,

Please let us have your lowest quotation for the following:

Sl.No	Item/s description
1	<p>Specification for STORAGE SERVER</p> <p>Chipset OEM Compatible Chipset Form Factor 2 U rack mounted with sliding rails Configured CPU Dual Intel® Xeon® Silver 4314 2.4G, 16C/32T, 10.4GT/s, 24M Cache, Turbo, HT (135W) DDR4-2666 or AMD EPYC Memory slots 32 DDR4 DIMM slots RDIMMS supporting speeds up to 3200MT/s. Memory configured 128GB DDR4 RDIMM, 3200MT/s, Dual Rank (32GB x 4nos) Disks supported Front drive bays: Up to 12 x 3.5" SAS/SATA, RAID Controller 12Gbps PCIe with RAID 1, 5, 6,10, 50 with 8GB Cache Disks configured 2 Qty 480GB SSD Hot-Plug drive RAID 1 & 12TB Hard Drive SAS 12Gbps 7.2K 512e 3.5in Hot-Plug 8 QTY RAID 5 I/O slots 5 X PCIe Gen4 slot Ethernet ports & FC Ports 2 x 1Gbe ports, 2 x 10Gbe ports BASE-T Dedicated Management port. TPM TPM 2.0 Certification and compliances Microsoft Windows Server, Hyper-V, VMWare, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES) Power Supply Platinum rated redundant Power Supply Management integration Support for integration with Microsoft System Center, VMware vCenter, Power & temperature Real-time power meter, graphing, thresholds, alerts & capping with historical power counters. Temperature monitoring & graphing Pre-failure alert Should provide predictive failure monitoring & proactive alerts of actual or impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD Configuration & management • Real-time out-of-band hardware performance monitoring & alerting</p> <ul style="list-style-type: none"> • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile • Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system • Virtual IO management / stateless computing • Support for Redfish API for simple and secure management of scalable platform hardware HTML5 support HTML5 support for virtual console & virtual media without using Java or ActiveX plugins Server security Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks Should protect against firmware which executes before the OS boots Should provide effective protection, reliable detection & rapid recovery using: <ul style="list-style-type: none"> - Silicon-based Hardware Root of Trust - Signed firmware updates - Secure default passwords - Configuration and firmware drift detection - Persistent event logging including user activity - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System erase Configuration upgrades should be only with cryptographically signed firmware and software Should provide system lockdown feature to prevent change (or "drift") in system firmware image(s) & prevent malicious modification of server firmware Intrusion alert Intrusion alert in case chassis cover being opened Warranty 3 years On-site comprehensive warranty with 24x7x365 remote hardware support. With defective hard drives retention

Note:

1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for Ref No:..... The bids should be addressed and to be couriered (sent by post/courier) to 'THE HEAD-PURCHASE'.

The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or post, it should reach by submission date and time and CCAMP/NCBS will not be responsible

for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 29/03/2022 BY 5.30PM.

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The validity of your quotation should be for 60 days from the due date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & warranty period.

7. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto CCAMP Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment: within one month after delivery & acceptance/satisfactory installation.

10. The successful bidder shall have to execute a performance B/G in accordance with the guarantee/warranty for 3% value of the order. This B/G has to be executed on an appropriate value of stamp paper in terms of a bank guarantee drawn on any Nationalised Bank or first class Foreign Bank and shall remain valid till the completion of the Defect Liability period/warranty period, with 6 months claim period.

11. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

12. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties

14. Since we are a research institution, we are exempted from paying Customs duty (Except ad valorem duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No. 51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices

15. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

16. Liquidity Damages: If the equipment/ items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

17. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services



Chetana S. R.

GKVK, Bellary Road, Bangalore 560 065. India
Phone +91-80-23666344. Fax +91-80-23636662
chetana@ncbs.res.in . www.ccamp.res.in