

Caiet de sarcini

Privind achiziționarea: **tehnologii informaționale - SERVERE**

Prin procedura de achiziție: **Concurs prin Cererea Ofertelor de Prețuri**

Technical specifications per server.		
1.1	Type	Enterprise Server, Quantity = 3pcs.
1.2	Form factor	Rack mount, max 2U (rail-kit included).
1.3	CPU included	<p><i>Quantity: min 2 x CPU per server.</i></p> <p><i>Cores: 20 cores per CPU.</i></p> <p><i>Threads: 40 threads per CPU.</i></p> <p><i>Base Clock Speed: Min. 2.00 GHz.</i></p> <p><i>Cache: Min. 30 MB.</i></p> <p><i>Launch Date: Not earlier than Q1'2023.</i></p>
1.4	Memory	Min. 32 DDR5 slots.
1.5	Memory included	Min. 8 x 64GB DDR5.
1.6	Min. drive bays included	Min. 24 bays 2.5" for data, Support Hot-Swap drives.
1.7	Drives included	<p>Min. 3 x 3.8TB SSD NVMe Gen5, Enterprise Class, Hot-Swap.</p> <p>Min. 2 x 240GB SSD, RAID-1 (for OS boot).</p>
1.8	Storage Adapters included	<p>VROC Key support NVMe RAID 0,1,5,10</p> <p>2 x SSD, RAID-1 (for OS boot).</p>
1.9	NICs, ports, modules included (Server side)	<p>Min. 1 x NIC:</p> <p>Min. 2 x 10GbE ports.</p> <p>Min. 2 x SFP28 ports</p> <p>NIC's should support network virtualization offload.</p> <p>Min. 1 x Dedicated 1Gb/s Ethernet Port for remote management.</p>
1.10	Interfaces included	<p>Min. 1 x USB ports.</p> <p>Min. 1 x VGA port.</p>

1.11	Supported operating environments	Microsoft Windows Server®. Microsoft Hyper-V®. Red Hat® Enterprise Linux. VMware® vSphere.
1.12	Power supplies included	2 Hot-Swap PSU with support for 1+1 redundancy. Power cables C13-C14.
1.13	Management included	A web-based solution for KVM must be included with full functionality for manage and monitoring, including at least: <ul style="list-style-type: none"> - View information about the state of the managed server; - View inventory information; - View information from sensors; - Monitoring and control of electricity consumption; - Turn on/off the server; - Remote update of BIOS, firmware of network and RAID controllers; - Virtual console, virtual media devices; - OS installation from virtual media devices and through network shared folders.
1.14	Warranty	Vendor authorized service support. (MAF required) Replacement included for min. 3 years.
1.15	Terms and conditions	All requirements are minimum and mandatory. One requirement must not limit another requirement. All components must be current and not advertised as EOS / EOL. The expansion of memory (ram) and storage capacity must not include any hardware or software limitations. Faulty storage drives are not subject of return in order to be compliant with the security requirements.

Şef DPT

Şef birou tehnologii informaţionale a DPT



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