Specificaţii tehnice

Numărul procedurii de achiziţie nr. ocds-b3wdp1-MD-1735303733702 din 14/01/2025
Obiectul achiziţiei: **Sisteme de informare şi servere**

Denumirea bunurilor/serviciilor	Denumirea modelului bunului/servi ciului	Ţara de origine	Produ-cătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referinţă
1	2	3	4	5	6	7
Lotul 1						
Servere	DL380 Gen11	China	HPE	Type Enterprise Server, Quantity = 1pcs. Form factor Rack mount, max 2U (rail-kit included). CPU included Quantity: 2 x CPU per server. Cores: 32cores per CPU. Threads: 64 threads per CPU. Base Clock Speed: Min. 2.60 GHz. Cache: Min. 50 MB. Launch Date: Not earlier than Q1'2023. Memory Min. 32 DDR5 slots. Memory included Min. 12 x 64GB DDR5. Min. drive bays included Min. 24 bays 2.5" for data, Support Hot-Swap drives. Min. 2 bays for OS boot, RAID 1, Support Hot-Swap drives. Drives included Min. 3 x 1.6TB SSD, Caching Tier, Endurance Class D , Performance Class F, SAS 24Gb/s, Hot-Swap. Min. 21 x 3.2TB SSD, Capacity Tier, Endurance Class D min.15000TBW, Performance Class F, SAS 24Gb/s, Hot-Swap. Drives SSD for vSAN should support min. vSAN releases 7.0U3-8.0U3. Min. 2 x 240GB SSD for OS boot, Hot-Swap. Storage Adapters included Should support Pass-through mode for all bays. Should be in vSAN compatibility guide. Should be compatible with min. vSAN releases 7.0U3-8.0U3. 1 x RAID controller for OS boot, 2 x SSD, RAID-1. NICs, ports, modules included (Server side) Min. 2 x NIC's, 2 x 25GbE ports, identical NIC's models. NIC's should support network virtualization offload. NIC's should support RDMA (RoCE v2) NIC's should be in vSAN compatibility guide. NIC's should support min. vSAN releases 7.0U3-8.0U3. Min. 4 x SFP-Dual Rate 25G-SR SFP28 modules. Min. 1 x Dedicated 1Gb/s Ethernet Port for remote management. Modules included	HPE DL380 Gen11 Enterprise Server Form factor Rack mount, 2U (rail-kit included). CPU included: Quantity: 2x CPU per server. Intel Xeon Gold 6548N: 32cores per CPU, Threads: 64 threads per CPU. Base Clock Speed: 2.80 GHz. Cache: 60 MB. Launch Date: Q4'2023. Memory 32 DDR5 slots. Memory included. 12 x 64GB DDR5-5600. Drive bays included: 24 bays 2.5" for data, Support Hot-Swap drives. 2 bays for OS boot, RAID 1, Support Hot-Swap drives Drives included. 3 x 1.6TB, 24G, SAS, Mixed use, digitally signed FW, solid state, small form factor, Hot-Swap. 21 x 3.2TB 24G, SAS, Mixed use, digitally signed FW, solid state, small form factor, Hot-Swap. Drives SSD for vSAN should support vSAN releases 7.0U3-8.0U3. 2 x 240GB SSD for OS boot, Hot-Swap. Storage Adapters included Should support Pass-through mode for all bays. Should be in vSAN compatibility guide. Should be compatible with vSAN releases 7.0U3-8.0U3. 1 x RAID controller for OS boot, 2 x SSD, RAID-1. NICs, ports, modules included 2 x NIC's, 2 x 25GbE ports, identical NIC's models. NIC's should support network virtualization offload. NIC's should support RDMA (RoCE v2) NIC's should be in vSAN compatibility guide. NIC's should support vSAN releases 7.0U3-8.0U3. 4 x SFP-Dual Rate 25G-SR SFP28 modules. 1 x Dedicated 1Gb/s Ethernet Port for remote management. Modules included (Switch side) 4 x SFP-Dual Rate 25G-SR SFP28 modules (Cisco Compatible). Interfaces included 2 x USB ports, 1 x VGA port. Options included Trusted Platform Module 2.0.	CE, ISO

| | | | | (Switch side) Min. 4 x SFP-Dual Rate 25G-SR SFP28 modules (Cisco Compatible).
Interfaces included Min. 2 x USB ports.
Min. 1 x VGA port.
Options included Trusted Platform Module 2.0.
Supported operating environments Microsoft Windows Server®.
Microsoft Hyper-V®.
Red Hat® Enterprise Linux.
VMware® (VMware® vSphere, VMware® vSAN 7.0U3-8.0U3).
Power supplies included 2 Hot-Swap PSU with support for 1+1 redundancy.
Power cables c13-c14(0.6 m).
Fan Modules includedHot-Swap with N+1 redundancy.
Management includedA web-based solution for KVM must be included with full functionality for manage and monitoring, including at least:
- View information about the state of the managed server;
- Inventory and monitoring of network adapters and data storage subsystems without software agents in the OS;
- 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.
Centralized resource management solution for hardware management must be included, with full functionality that provides agent-free management, automates discovery, inventory, tracking, updates, monitoring, and provisioning".
Warranty Hardware and software support from vendor, with available customer portal.
Next business day hardware replacement included for min. 5 years.
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. | Supported operating environments Microsoft Windows Server®.
Microsoft Hyper-V®.
Red Hat® Enterprise Linux.
VMware® (VMware® vSphere, VMware® vSAN 7.0U3-8.0U3).
Power supplies included 2x1600W Hot-Swap PSU with support for 1+1 redundancy.
Power cables c13-c14(0.6 m).
Fan Modules includedHot-Swap with N+1 redundancy.
Management includedA web-based solution for KVM must be included with full functionality for manage and monitoring, including at least:
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Warranty Hardware and software support from vendor, with available customer portal.
Next business day hardware replacement included for 5 years.
Terms and conditions All requirements are minimum and mandatory.
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Semnat: _____Numele, Prenumele: Constantin Alexandru În calitate de: director
Ofertantul: Triomac SRL Adresa: Orhei, str Stefan cel Mare 3, of 16