Anexa nr. 22
la Documentația standard
aprobată prin Ordinul Ministrului Finanţelor
nr. 115 din 15.09.2021

Specificaţii tehnice

Numărul procedurii de achiziţie: ocds-b3wdp1-MD-1665051907187 (21065197) din 06.10.2022
Obiectul achiziţiei: Servere (unităţi de procesare)

Denumirea bunurilor/serviciilor	Denumirea modelului bunului/serviciului	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 nr. 1: Servere (unităţi de procesare)	Lenovo ThinkAgile VX7531 Certified Node	PCR	Lenovo	Type Enterprise Server Form Factor Rack mount, max 2U (rail-kit included) CPU Included 2 x CPU; Min 24 core per CPU with hyper-threading; Launch date not earlier than Q2'21; min 35MB Cache; min 2.3 Ghz; Memory Min 24 DDR4 slots Memory installed Min 12 x 64GB DDR4 Min drive bays Min 24 bays 2.5 for data Support Hot-Swappable; Min 2 bays for OS in raid 1 Support Hot-Swappable; Storage installed Min 2 x 1.92Tb, SSD, SAS 12Gb/s Min 12 x 3.84Tb, SSD, SAS 12Gb/s Min 2 x 240Gb SSD/SD/HDD/microSDHC/SDXC RAID Controller Support Pass-through mode; VMware vSAN certified.	Type Enterprise Server Form Factor Rack mount, max 2U (rail-kit included) CPU Included 2 x CPU; 24 core per CPU with hyper-threading; Launch date not earlier than Q2'21; min 35MB Cache; 2.4 Ghz; Memory Up to 32 DDR4 slots Memory installed 12 x 64GB DDR4 Drive bays 24 bays 2.5 for data Support Hot-Swappable; 2 bays for OS in raid 1 Support Hot-Swappable; Storage installed 2 x 3.2Tb, SSD, SAS 12Gb/s 12 x 3.84Tb, SSD, SAS 12Gb/s 2 x 240Gb SSD/SD/HDD/microSDHC/SDXC HBA Controller Support Pass-through mode; VMware vSAN certified.	EN 60950-1; EN 55032; EN 55024; EN 61000-6-2

				NICs included Min 1 x 1GE management; Min 2 x 1GE; Min 4 x 10GE SFP+, identical, network virtualization offload, with SFP+ SR MM module included; Min 4 x SFP+ SR MM (Cisco Compatible). Supported operating environments Microsoft Windows Server®; Red Hat® Enterprise Linux; VMware® (VMware® vSphere, VMware® vSAN); Microsoft Hyper-V; Interfaces Min 2 port USB Power supplies included 2 hot-plug PSU with support for 1+1 redundancy with power cables c13-c14(0.6 m) Fan Modules hot-swappable with N+1 redundancy Management A 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. Warranty Hardware and software support from vendor, with available customer portal, next business day hardware replacement included for min 3 years Terms and conditions All requirements	NICs included 1 x 1GE management; 4 x 1GE; 4 x 10GE SFP+, identical, network virtualization offload, with SFP+ SR MM module included; 4 x SFP+ SR MM (Cisco Compatible). Supported operating environments Microsoft Windows Server®; Red Hat® Enterprise Linux; VMware® (VMware® vSphere, VMware® vSAN); Microsoft Hyper-V; Interfaces 4 port USB Power supplies included 2 hot-plug PSU with support for 1+1 redundancy with power cables c13-c14(0.6 m) Fan Modules hot-swappable with N+1 redundancy Management A 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. Warranty Hardware and software	

				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.	support from vendor, with available customer portal, 24 hours per day, 7 days per week, 4 hour response including holidays and with next business day hardware replacement included for min 3 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 not include any hardware or software limitations; Faulty storage drives are not subject of return in order to be compliant with the security requirements.	
TOTAL					

Data completării 11.11.2022
Anatolie BULGARU
Șef Diviziunea Suport și Elaborare Servicii IoT și ICT
Î.M. „Orange Moldova" S.A.

Acest act este semnat prin aplicarea **Semnăturii Mobile**
Verificarea semnăturii - https://msign.gov.md/#/verify/upload

Specificații de preț

Numărul procedurii de achiziție: ocds-b3wdp1-MD-1665051907187 (21065197) din 06.10.2022										
Obiectul de achiziție: Servere (unități de procesare)										
Cod CPV	Denumirea bunurilor/serviciilor	Unitatea de măsură	Canti-tatea	Preț unitar (fără TVA)	Preț unitar (cu TVA)	Suma fără TVA	Suma cu TVA	Termenul de livrare/prestare	Clasificație bugetară (IBAN)	Discount %
1	2	3	4	5	6	7	8	9	10	11
48820000-2	Lotul nr. 1: Servere (unități de procesare)	buc.	10	557187.56	668625.08	5 571 875.63	6 686 250.76	Până la 150 zile din data semnării contractului	MD21TRPCCC51 8430A01371AA	-
	TOTAL					**5 571 875.63**	**6 686 250.76**			

Data completării 11.11.2022
Anatolie BULGARU
Șef Diviziunea Suport și Elaborare Servicii IoT și ICT
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