

Specificații tehnice

Anexa nr. 22

[Acest tabel va fi completat de către ofertant în coloanele 2, 3, 4, 6, 7,
iar de către AAC – în coloanele 1, 5,]

Numărul procedurii de achiziție: ocds-b3wdp1-MD-1730187501719 din 29.10.2024
Denumirea procedurii de achiziție: Echipamente TIC (server pentru baze de date locale, remote desktop și 1C și a licenței corespunzătoare pentru Windows Server 2022)

Cod CPV	Denumirea bunurilor/ serviciilor solicitate	Denumirea modelului serviciului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	2	3	4	5	6	7	
Lotul 1: Unitate de procesare și stocare de tip Server							
30236200-4	Echipament de procesare a datelor (server pentru baze de date locale, Remote Desktop și 1C)	Dell PowerEdge R660xs	SUA/ China	Dell Technologies	Conform specificațiilor tehnice din SIA RSAP , sunt specificate în anexa la formular, Matricea de conformitate.	Conform Anexei la formularul Specificații tehnice. Matricea de conformitate	Nu se aplică
Lotul 2. Licența Windows Server 2022							
48200000-0	Licența Windows Server 2022 Standard plus 5 User CAL	(SKU: G7GMGF0D5RK_0005) Windows Server 2022 Standard - 16 Core License Pack (SKU: G7GMGF0D5VX_0007) Windows Server 2022 - User CAL x 5 lic	SUA	Microsoft	Conform specificațiilor tehnice din SIA RSAP , sunt specificate în anexa la formular, Matricea de conformitate.	Conform Anexei la formularul Specificații tehnice. Matricea de conformitate	Nu se aplică

Semnat:

Nume: **Irina Vicol**

În calitate de: **Administrator**

Ofertantul: **Xontech Systems SRL**

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Matricea de conformitate conform cerințelor solicitate in SIA RSAP

Nr. d/o	Denumirea bunurilor solicitate	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant
Lotul 1: Unitate de procesare și stocare de tip Server			
1.	Echipament de procesare a datelor (server pentru baze de date locale, Remote Desktop și 1C)	<p>Tip: Brand name international, Rack mount 19", 1U, SFF, Chassis with up to 8 x 2.5" SAS/SATA drives; Have a set of cables for connection to the power supply; Have a set of telescopic guides for installing the computing node in a rack; Must have a case opening sensor with the ability to configure remote notification of this event;</p> <p>Processor: minimum 1 x CPU, minimum 16 Core/32 Threads, operating at a frequency of at least 2.8GHz, support memory frequency 5200 MHz, cache min 37.5MB, maximum dissipated power of the processor should be no more than 195 watts.</p> <p>RAM: minimum 4 x 16GB RDIMM, 5600MT/s, Server must support installation of up to 16 memory modules operating at a frequency of at least 5600 MHz</p> <p>Storage: minimum 2 x SSD disks RI, hot-plug, with a capacity of at least 960 GB and a vSAS interface must be installed; 4 x HDD type disks, hot-plug, with a capacity of at least 1.2 TB, a spindle speed of 252 000,00 10k and a SAS interface must be installed;</p>	<p>Tip: Dell Technologies - Brand name international, Modelul oferat este Dell PowerEdge R660xs, Rack mount 19", 1U, SFF, Chassis with up to 8 x 2.5" SAS/SATA drives; Have a set of cables for connection to the power supply; Have a set of telescopic guides for installing the computing node in a rack; Has a case opening sensor with the ability to configure remote notification of this event;</p> <p>Processor: 1 x CPU, Intel Xeon Gold 6526Y 2.8G, 16C/32T, 20GT/s, 37.5M Cache, Turbo, HT (195W) DDR5-5200 with 16 Core/32 Threads, operating at a frequency of at least 2.8GHz, support memory frequency 5200 MHz, cache 37.5MB, with dissipated power of the processor 195 watts.</p> <p>RAM: 4 x 16GB RDIMM, 5600MT/s, Server support installation of up to 16 memory modules operating at a frequency of 5600 MHz</p> <p>Storage: 2 x 960GB SSD vSAS Read Intensive 12Gbps 512e 2.5in Hot-Plug ,AG Drive SED, 1DWPD disks RI, hot-plug, with a capacity of 960 GB and a vSAS interface installed; 4 x 1.2TB Hard Drive ISE SAS 12Gbps 10k 512n 2.5in Hot-Plug type disks, hot-plug,</p>

	<p>Raid Controller: RAID levels: 0,1,5,6,10,50,60; Pass- through/Non-RAID mode; NV cache 8GB DDR4; disk support: 3 Gbps SATA, 6 Gbps SATA/SAS and 12 Gbps SAS/vSAS;</p> <p>LAN: minimum 1 x 1 OCP NIC 3.0 network adapter with at least 4 1GbE ports, as well as 2 LOM 1GbE ports; dedicated 1 GbE network port for connecting to the server management and monitoring controller;</p> <p>PSU: 2 x hot-swappable 800W or higher power category power supplies; support for power redundancy;</p> <p>Management: Must have built-in hardware and software for remote control and monitoring with Enterprise license, providing the following functions:</p> <ul style="list-style-type: none"> • Remote access to the compute node management console via web browsers, command line interface via ssh and telnet protocols, IPMI and Redfish; • Automatically informs the administrator about all failures and predictions of malfunctions of the disk subsystem, memory modules, power supplies, fans and processors via e- mail or by displaying a message on the administrator console; • Displays inventory information about installed components of the computing node, including information about installed versions of server component microcodes, information about MAC addresses and WWN of network controllers and FC adapters, including virtual ones; • Remote reboot, power on/off of the computing node (including booting from a virtual optical disk); 	<p>with a capacity of 1.2 TB, a spindle speed of 252 000,00 10k and a SAS interface installed;</p> <p>Raid Controller: PERC H755 SAS Front, RAID levels: 0,1,5,6,10,50,60; Pass- through/Non-RAID mode; NV cache 8GB DDR4; disk support: 3 Gbps SATA, 6 Gbps SATA/SAS and 12 Gbps SAS/vSAS; Datasheet anexat cu oferta.</p> <p>LAN: 1 x Broadcom 5720 Quad Port 1GbE BASE-T Adapter, OCP NIC 3.0 OCP NIC 3.0 network adapter with 4 1GbE ports, as well as 2 Broadcom 5720 Dual Port 1Gb On-Board LOM, MLK, LOM 1GbE ports; and dedicated 1 GbE network port for connecting to the server management and monitoring controller;</p> <p>PSU: Dual, Hot-plug, Power Supply Redundant (1+1), 800W, Mixed Mode, NAF, hot-swappable 800W; support for power redundancy; Detalii suplimentare despre serverul ofertat sunt in Documentatia tehnica atasata cu oferta.</p> <p>Management: iDRAC9, Enterprise 16G have built-in hardware and software for remote control and monitoring with Enterprise license, providing the following functions:</p> <ul style="list-style-type: none"> • Remote access to the compute node management console via web browsers, command line interface via ssh and telnet protocols, IPMI and Redfish; • Automatically informs the administrator about all failures and predictions of malfunctions of the disk subsystem, memory modules, power supplies, fans and processors via e- mail or by displaying a message on the administrator console; • Displays inventory information about installed components of the computing node, including information about installed versions of server component microcodes, information about MAC addresses and WWN of network controllers and FC adapters, including virtual ones;
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	<ul style="list-style-type: none"> • Remote interception of the control console of the computing node (virtual console): screen, keyboard and coordinate-graphic pointer both at the stage of loading the computing node and during the operation of operating systems. The virtual console must have the ability to control the power of the computing node, the ability to specify the boot device, with simultaneous connection of up to 6 users and interaction in the message exchange mode. The virtual console must support work using a web browser and the HTML5 standard, without the need for Java and ActiveX plug-ins; • Possibility of collecting information about the level of utilization of the central processor and RAM of the server without the need to install agent software in the OS; • The ability to manage RAID controllers installed inside the computing node enclosure via a web interface or command interface of the management module without the need to install agent software in the OS. At a minimum, the ability to: <ul style="list-style-type: none"> - Ability to manage a RAID controller without having to reboot the computing node; - Monitoring the status of drives connected to a RAID controller, including NVMe drives; o Monitoring the status of virtual disks; - Creating, deleting and configuring virtual disks; o Changing RAID controller settings; - Expanding the capacity of virtual disks without interrupting access to them; - Change RAID level of virtual disks without interrupting access to them; • The ability to record the configuration of the computing node, drivers, and store a backup image of the computing node for rebooting in the event of a malfunction on a non-volatile 	<ul style="list-style-type: none"> • Remote reboot, power on/off of the computing node (including booting from a virtual optical disk); • Remote interception of the control console of the computing node (virtual console): screen, keyboard and coordinate-graphic pointer both at the stage of loading the computing node and during the operation of operating systems. The virtual console must have the ability to control the power of the computing node, the ability to specify the boot device, with simultaneous connection of up to 6 users and interaction in the message exchange mode. The virtual console must support work using a web browser and the HTML5 standard, without the need for Java and ActiveX plug-ins; • Possibility of collecting information about the level of utilization of the central processor and RAM of the server without the need to install agent software in the OS; • The ability to manage RAID controllers installed inside the computing node enclosure via a web interface or command interface of the management module without the need to install agent software in the OS. At a minimum, the ability to: <ul style="list-style-type: none"> - Ability to manage a RAID controller without having to reboot the computing node; - Monitoring the status of drives connected to a RAID controller, including NVMe drives; o Monitoring the status of virtual disks; - Creating, deleting and configuring virtual disks; o Changing RAID controller settings; - Expanding the capacity of virtual disks without interrupting access to them; - Change RAID level of virtual disks without interrupting access to them; • The ability to record the configuration of the computing node, drivers, and store a backup image of the computing node for
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		<p>medium installed inside the computing node case or on a network file resource;</p> <ul style="list-style-type: none"> • Ability to save a screenshot of the system failure description screen with diagnostic information output; • Ability to export diagnostic information about the state of a computing node, including logs from both the server management module and operating system or hypervisor logs, in a single consolidated report via a web interface or command line interface; • The ability to use hardware and software to prepare for the installation of an operating system (configuring volumes, creating partitions, copying drivers, creating response files for OS installers) without requiring the use of external storage media; • Ability to apply microcode updates to compute node components both through the server management module interface and from supported operating systems; • The server management module must have the functionality of securely checking the integrity and immutability of microcode update packages of the computing node components at the update preparation stage; <p>Garanția: minimum 36 luni</p>	<p>rebooting in the event of a malfunction on a non- volatile medium installed inside the computing node case or on a network file resource;</p> <ul style="list-style-type: none"> • Ability to save a screenshot of the system failure description screen with diagnostic information output; • Ability to export diagnostic information about the state of a computing node, including logs from both the server management module and operating system or hypervisor logs, in a single consolidated report via a web interface or command line interface; • The ability to use hardware and software to prepare for the installation of an operating system (configuring volumes, creating partitions, copying drivers, creating response files for OS installers) without requiring the use of external storage media; • Ability to apply microcode updates to compute node components both through the server management module interface and from supported operating systems; • The server management module must have the functionality of securely checking the integrity and immutability of microcode update packages of the computing node components at the update preparation stage; <p>Detalii suplimentare pentru iDRAC9, Enterprise 16G sunt in datasheet anexat cu oferta.</p> <p>Garanția: 36 luni</p>
Lotul 2. Licența Windows Server 2022			
2.	Licența Windows Server 2022 Standard plus 5 User CAL	Windows Server 2022 Standard - 16 core License pack Windows Server 2022 - User CAL x 5 lic	(SKU: DG7GMGF0D5RK_0005) Windows Server 2022 Standard - 16 Core License Pack (SKU: DG7GMGF0D5VX_0007) Windows Server 2022 - User CAL x 5 lic

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