

SPECIFICAȚII TEHNICE (F4.1)

Numărul licitației: ocde-b3wdp1-MD-1598042692130							06.09.2020
Denumirea licitației: Tehnică de calcul și echipament IT							
Codul CPV	Denumirea bunurilor și/sau a serviciilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată	Specificar a tehnică deplină propusă de către ofertant	Standarde de referință

LOTUL #1

1 RESEACH WORKSTATION							
30200000-1	Research Workstation	CTO configuration	CZ	HP	Conform Specificatii tehnice	<u>HP Z2 Tower G4 Workstation</u> Type: Graphics Workstation Features: workflows with variety of certified applications, CAD and BIM, 3D modeling, VR capable for both creation and consumption; remote access to high end workflows like rendering and 3D visualization Chipset: Intel® C246 Processor: Intel® Xeon® E-2278G1 (3.4 GHz base frequency, up to 5.0 GHz with Intel Turbo Boost Technology, 16 MB cache, 8 cores) Memory: 32GB DDR4-2666 ECC Reg (2x16GB) Memory; 4x DIMM slots, supporting up to 128GB ECC Storage: HP 1x 6TB 7200 SATA-6G Enterprise; 2x HP Z Turbo Drv G2 1TB M.2 2280 TLC PCIe SSD (RAID Level 0/1 supported with Windows OS) Slots: 1x PCIe Gen3 x16 slot; 1x PCIe Gen3 x4 slot /x16 connector; 2x PCIe Gen3 x1 slot/x4 connector; 2x M.2 2230/2280 (PCIe Gen3 x4 for storage); 1x M.2 2230 (PCIe Gen3 x1 for WLAN) Network controller: Integrated Intel® I219LM PCIe GbE Controller (Intel® vPro™ with Intel® AMT 12.0) Graphics:: NVIDIA® Quadro® RTX 4000 8GB Graphics (PCI Express 3.0 x16, 2304 NVIDIA® CUDA® Parallel Processing Cores, 8GB GDDR6 memory, Memory Bandwidth up to 416 GB/s, Memory Width 384 bit, 3x DP 1.4a and VirtualLink USB Type-C, Quadro Sync connector) Ports: Front I/O (USB 3.0, USB 3.0 Charging Data Port, Headphone/Microphone); Rear I/O (4x USB 3.0 ports, 2x USB 2.0 ports, RJ-45 (LOM), Flex IO port, Audio Line-in and Audio Line-out) Audio: Integrated Conexant CX20632 5.1 HDA codec Input devices: HP USB Laser Mouse QY778AA; HP USB Keyboard (Eng/Rus) Power Supply: 650W wide-ranging, active Power Factor Correction, 90% Efficiency; The power delivery system includes two 6+2 pin graphics power cables Security: TPM 2.0 (Infineon SLB9670). Common Criteria EAL4+ Certified. FIPS 140-2 Level 2 Certified; Security Lock Slot; Serial, USB enable / disable (via BIOS); Removable media Special SW: HP ZCentral Remote Boost 2020 (https://www8.hp.com/sg/en/workstations/zcentral-remote-boost.html) Monitor: <u>HP EliteDisplay E273q</u> 27-inch IPS Micro Edge, LED Backlit; resolution 2560x1440@60 Hz; Viewing Angle 178° H/178° V; Response Time 5 ms; Flicker Free; 3H Surface Hardness; Brightness 350 cd/m2; Contrast Ratio 1000:1 Static/5,000,000:1 Dynamic; Color Gamut Coverage >99% sRGB; DisplayPort 1.2, VGA, HDMI 1.4, 2x USB 3.0 ports, 2x USB Type-C 3.1; Integrated Enhanced cable management; Display height adjustment 0 - 150 mm; Pivot Rotation; 100 mm VESA Mounting; Swivel Range 45°L to 45°R; Tilt Range -5° to + 22° vertical; DP, HDMI, USB Type-C Warranty: Workstation, Monitor and accessories - 3 Years NBD on-site official manufacturer warranty with Defective Media Retention service for workstation	Eco-Label Certifications: IT ECO declaration; ENERGY STAR®; RoHS; EPEAT Gold; WEEE; ISO 14001
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Notă: dacă este necesar, toate numerele de piesă ale producătorului pentru configurația CTO (configurare la comandă) vor fi date după solicitarea suplimentară a Clientului

Semnat:

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