

SPECIFICAȚII TEHNICE (F4.1)

Numărul licitației: MTender ID ocde-b3wdp1-MD-1615809392372						05.04.2021
Denumirea licitației: Echipament informatic						
Codul CPV	Denumirea bunurilor și/sau a serviciilor	Modelul articolului	Tara de origine	Producătorul	Specificarea tehnică deplină solicitată	Specificarea tehnică deplină propusă de către ofertant
						Standarde de referință

LOTUL #1: Echipament tehnic și accesorii pentru computer

1 Echipament tehnic și accesorii pentru computer					
30200000-1	Echipament tehnic și accesorii pentru computer	CTO configuration	CZ	HP	Conform Specificatii tehnice HP EliteDesk 805 G6 Small Form Factor Business PC / 3N974AV Type: Small Form Factor Business PC Processor: AMD Ryzen™ 5 PRO 4650G (3.7 GHz base frequency, 12 MB cache, 6 cores, TDP 65W); Launch Date - 21/07/2020; Average CPU Mark is 16512 by https://www.cpubenchmark.net/cpu.php?cpu=AMD+Ryzen+5+PRO+4650G&id=3795 Chipset: AMD® PRO 565 Memory: 8GB (1x8GB) DDR4 3200 SODIMM; 4x DIMM slots; up to 128GB of memory Storage: 256GB M.2 2280 PCIe NVMe Three Layer Cell SSD (Maximum Sequential Read - up to 2700MB/s, Maximum Sequential Write - up to 1000MB/s); RAID Level 0/1 supported with similar SSD; 3x Internal SATA storage connector; SD 4 media card reader Slots: 1x PCI Express v3.0 x4; 1x PCI Express v3.0 x16; 1x M.2 PCIe x1 2230 (for WLAN); 2x M.2 PCIe x4 2280 (for storage) Network controller: Realtek® RTL8111FP Graphics: AMD Radeon™ Graphics (7 GPU cores, 1900MHz GPU frequency) Ports: 2x Hi-Speed USB 480Mbps; 5x Type-A SuperSpeed USB 5 Gbps; 2x Type-A SuperSpeed USB 10 Gbps; Type-C® SuperSpeed USB 10 Gbps; 2x DisplayPort™ 1.4; HDMI 2.0 (Flexible Port); Universal Audio Jack with CTIA and OMTP headset support; Audio-out port; RJ45 Multimedia: HD Stereo Codec - Conexant Zuma CX20632; Internal Speaker Amplifier - 2W; Internal Speaker Security: TPM 2.0 (FW: 7.85) endpoint security controller; Support for chassis cable lock devices; USB enable/disable (via BIOS); Removable media write/boot control; Power-on and Setup password (via BIOS); HP Client Security Suite Gen6; HP Power On Authentication; HP Privacy Settings; HP Secure Erase; Absolute Persistence Module; Pre-boot Authentication; HP Sure Sense3; HP Sure Click3; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3 Manageability Features: HP Driver Packs; HP System Software Manager (SSM) (download); HP BIOS Config Utility (BCU) (download); HP Client Catalog (download); HP Image Assistant Gen (download); HP Manageability Integration Kit for Microsoft System Center Configuration Management Gen4; Ivanti Management Suite (download); HP Cloud Recovery; HP Client Management Script Library (download) Power supply: 180W active PFC 80 Plus® Platinum power supply with 90/92/89% efficient at 20/50/100% load Monitor: HP E24 G4 Display Size 23.8-in; Display Panel Type IPS; 3-sided Micro-Edge Bezel; Native Resolution 1920x1080@60 Hz; Color Gamut CIE1976 NTSC 83%; support Low Blue Light Mode; Interfaces - VGA, USB Type-B, DisplayPort™ 1.4 (with HDCP support), HDMI 1.4 (with HDCP support), 4x USB-A 3.2 Gen 1; Brightness 250 cd/m²; Static Contrast Ratio 1000:1; Dynamic Contrast Ratio 5,000,000:1; Flicker Free; 178° HVA/VVA; Factory Color Calibrated; Tilt -5° to +23°; Swivel 360°; Pivot Clockwise 90°; Height Adjustment Range 150 mm; VESA Mounting support; Security Lock Ready; HP S101 Speaker bar / 50040AA; HDMI Cable 1.8m; DisplayPort™ Cable 1.8m; USB cable 1.8m; Power Cord 1.9m Input devices: HP USB Business Slim Smartcard Keyboard (Eng/Rus, Factory engraved, quiet typing, support all ISO 7816 smart cards) / 3P134AV; HP USB 1000dpi Laser Mouse / 3P112AV Warranty: 5 Years NBD on-site official manufacturer warranty (DMR service for desktop)/U7899AV+U7935E
		9VF99AA			Eco-Label Certifications: IT ECO declaration; ENERGY STAR®; RoHS; EPEAT Gold; WEEE; ISO 14001

LOTUL #2: Imprimantă multifuncțională laser de birou alb/negru

1 Imprimantă multifuncțională laser de birou alb/negru					
30200000-1	Imprimantă multifuncțională	3PZ55A	CN	HP	Conform Specificatii tehnice HP LaserJet Enterprise MFP M430f Type: Print, copy, scan, fax

					Print technology: Laser Monthly duty cycle: 100 000 pages A4 Print speed: Simplex (A4) up to 40 ppm (HP High Speed mode); Duplex (A4) up to 31 ipm Print resolution: 1200x1200 dpi; HP FastRes 1200 & HP ProRes 1200 Standard print languages: HP PCL 6, HP PCL 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™ Print margins: 2 mm for all sides Printer smart software features: Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB Printer management: HP Printer Assistant, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator) Duplex printing: Automatic Copy speed: Black (A4) up to 38 cpm Copy resolution: 600x600 dpi Copier specifications: Auto scale; reduce/enlarge from scanner glass (25 to 400 percent) or ADF (25 to 200 percent); collate; auto colour detection; two-sided copying; image adjustments (darkness, background cleanup, sharpness); job build Scan type / Technology Type: Flatbed, ADF / CIS Scan speed: 29 ppm/46 ipm (b&w), 20 ppm/35 ipm (color) Scan file format: MTIFF, PDF, PDF/A, TIFF, XPS, JPEG Scanner advanced features: Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge Erase; Job notification; Blank page suppression; HP Quick Sets; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR); Auto crop to page; Auto-tone; single pass duplexing ADF scanning Bit depth/ Grey scale levels: 24-bit; Internal: 48-bit / 256 Digital sending standard: Scan to Email; Save-to-Network Folder; Save-to-USB Drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop to Content; Compact PDF; Authentication; Digital Fax (Send to LAN, Internet); HP Digital Sending Software (optional); Local Address Book; OCR Faxing: Fax speed up to 33.6 kbps; stored faxes; fax archiving; fax forwarding; scale to fit; fax address book; LAN/Internet fax; fax number confirmation; holiday fax schedule; fax resolution up to 300x300 dpi Processor speed: 800 MHz Memory: 2.0 GB; 16 GB eMMC Media handling: 100 sheet multi-purpose input tray; 250 sheet paper input tray; 150 sheet output tray; ADF 50 sheets; support additional 550-sheet input tray Media weight: 60 to 200 g/m² input Paper trays; 60 to 160 g/m² ADF Security management: Identity management (Kerberos authentication, LDAP authentication, 1000 user PIN codes, Optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network (IPsec/firewall with Certificate, Pre-shared Key, Kerberos authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAPPEAP; EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), SSL/TLS (HTTPS), Encrypted Credentials; Device (HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability), Intrusion Detection (Constant in-device monitoring for attacks), Whitelisting (loads only known good code), Embedded Trusted Platform Module, HP Connection Inspector, Security lock slot, USB port disablement; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs Connectivity: 2x Hi-Speed USB 2.0 Host, Hi-Speed USB 2.0 Device, Gigabit Ethernet 10/100/1000T network, Fax Supplies: supported the following cartridges - HP 59A/X series with up to ~3,000 ISO yield for standard and up to ~10,000 ISO yield for extended type cartridges Warranty: 3 Years NBD on-site standard official manufacturer warranty	Eco-Label Certifications: IT ECO declaration; ENERGY STAR®; RoHS; EPEAT Gold; WEEE; ISO 14001
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LOTUL #6: UPS

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30200000-1	UPS	AVRX750UD	CN	Tripp-Lite	Conform Specificatii tehnice	Tripp-Lite Ultra-Compact Line-Interactive UPS 750VA Output Watt Capacity 450W; Nominal Voltage 230V; Output AC Waveform (AC/Battery Mode) - Sine Wave/PWM Sine Wave; Output Receptacles 8x CEE 7/7 Schuko (4x UPS outlets, 4x surge-only outlets); Voltage Regulation - Line-Interactive, AVR; Line/Battery Transfer Time 4 milliseconds (line to battery mode) / 1 millisecond (battery to line mode); 99% AC Mode Efficiency Rating (100% Load); 575-joule surge suppression rating; 2x Dataline Suppression ports; Full Load Runtime (450W) 2.6 min., Half Load Runtime (225W) 8.6 min.; PowerAlert Software, Supports Watchdog application, OS and hard-reboot restart options for remote applications, NUT compatible; Hot swappable batteries; UPS Input Cord Length - 1.8m; Audible alarm indicates power-failure, overload and low-battert status; Cold-start operation supported; EMI / RFI AC Noise Suppression; Additional VLRA Rechargeable Battery Warranty: 2 Years NBD on-site official manufacturer warranty

Semnat:

 Ofertantul: **Fors-Computer SRL**
 Adresa: mun. Chisinau, str. Sfatul Tsarii, 18

Igor Iasko, Director General

