

TEHNICA DE CALCUL

LOTUL nr. 1		
Notebook		
GENERIC SPECIFICATIONS		QUANTITY
Type	Brand Name International Business Notebook with aluminum chassis; MIL-STD-810G tested; Silver Color	22
Processor	Processor last generation with min. 2,0 GHz base frequency/6MB cache/4 cores/up to 3,0 GHz turbo frequency/14 nm technology/TDP 15W	
Memory Options:	min. 2x SODIMMs; min. 8GB DDR4 2666MHz; support up to 32GB	
Storage:	min. 256GB NVMe PCIe SSD (MTBF min. 1,5mln hours; OPAL 2 SED); support second storage device and RAID configuration	
Ports:	min. 2x USB 3.0 (1x PowerShare); USB Type-C; Audio; Gigabit Ethernet; DP/HDMI; Docking Port or Thunderbolt 3 for docking connection; all ports must be integrated on laptop	
Network:	Wi-Fi 2x2 802.11ac + BT4.2; Gigabit Ethernet	
Graphics Card:	integrated	
Multimedia:	IR camera; Dual array microphone; Stereo Speakers	
Security:	Power-On/Setup Password; TPM 2.0; Fingerprint Sensor; Smartcard Reader	
Software:	MS Windows 10 Pro OEM	
Input Devices:	Spill-resistant Backlit Keyboard (Eng/Rus); Touchpad/Clickpad with multi-touch gestures supported	
Display:	14,0"; IPS; 1920x1080 Native resolution; min. 600 nits brightness; Integrated Privacy Screen functionality (on/off mode); AntiGlare	
Weight:	max. 1.5 kg	
Battery:	Battery Life min. 8 hours	
Accessories:	Bluetooth Laser (min. 1600 dpi) Mouse	
Warranty:	3 Years for notebook incl. Battery (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	
Other:	The notebook (incl. components) must be of the same manufacturer; must be indicated all Part Numbers of equipment, parts and additional services	

LOTUL nr. 2		
Computer Type I		
GENERIC SPECIFICATIONS		QUANTITY
Type	Brand Name International Business PC, SFF	22
Processor	Processors last generation with min. 3,0 GHz base frequency/6 cores/9MB cache/up to 4,0 GHz turbo frequency/14 nm technology/TDP 65W	
Memory Options:	min. 4x DIMMs; min. 16GB DDR4 2666MHz	
Storage:	min. 1x 1TB 3.5" HDD SATA 7200 rpm; 128GB M.2 2280 PCIe NVMe SSD	
Storage Controller:	min. 3x SATA ports; RAID configuration support	
Ports:	min. 3x USB 3.1 Gen 2 (2x on a front panel); 2x USB 3.1 Gen 2 Type-C (1x on a front panel); 1x PowerShare port USB port on a front panel; RJ45; 3x Audio (1x on a front panel); 2x DisplayPort 1.2	
Slots:	min. 1x PCIE Gen3 x4 must be free	
Network:	Gigabit Ethernet Controller	
Graphics Card:	min. 2GB 128-bit GDDR5 PCIE x16; min. 2x Display Ports	
Security:	Power-On/Setup Password; Intrusion Sensor; TPM 2.0	
Power Supply	80PLUS Platinum Certified	
Software:	MS Windows 10 Pro OEM	
Input Devices:	USB Keyboard (Eng/Rus); USB Laser Mouse	
Monitor:	2x 23.8"- 24" (thin screen frame; IPS; 1920x1080 Native resolution; min. 250 nits; max. 5ms response time; Color Gamut min. 95% of sRGB; Anti-glare and 3H Hard Coating; HDMI, DP, USB 3.0 interfaces; built-in cable-management; Pivot Rotation; Height adjustment stand with range min. 130mm; Display Port Cable)	
Options:	Overhead headphones with Soft pads, built-in microphone and audio control;	

	Dust Filter	
Warranty:	3 Years for workstation and monitor (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	
Other:	The desktop (incl. components), monitor and accessories must be of the same manufacturer; must be indicated all Part Numbers of equipment, parts and additional services	

LOTUL nr. 3

Computer Type II

GENERIC SPECIFICATIONS		QUANTITY
Type	Brand Name International Business PC, SFF	25
Processor	Processors last generation with min. 3,0 GHz base frequency/6MB cache/14 nm technology/TDP 65W	
Memory Options:	min. 4x DIMMs; min. 8GB DDR4 2666MHz	
Storage:	min. 1x 1TB 3.5" HDD SATA 7200 rpm	
Storage Controller:	min. 3x SATA ports; RAID configuration support	
Ports:	min. 4x USB 3.0 (2x on a front panel); USB Type-C on a front panel; 1x PowerShare USB port on a front panel; RJ45; 3x Audio (1x on a front panel); 2x DisplayPort 1.2; HDMI 2.0; RS232 (Serial)	
Slots:	min. 1x PCIE Gen3 x16; 1x PCIE Gen3 x1	
Network:	Gigabit Ethernet Controller	
Graphics Card:	integrated	
Security:	Power-On/Setup Password; Intrusion Sensor; TPM 2.0	
Power Supply	80PLUS Platinum Certified	
Software:	MS Windows 10 Pro OEM	
Input Devices:	USB Keyboard (Eng/Rus); USB Laser Mouse	
Monitor:	1x 23.8"- 24" (thin screen frame; IPS; 1920x1080 Native resolution; min. 250 nits; max. 5ms response time; Color Gamut min. 95% of sRGB; Anti-glare and 3H Hard Coating; HDMI, DP, USB 3.0 interfaces; built-in cable-management; Pivot Rotation; Height adjustment stand with range min. 130mm, Display Port Cable)	
Options:	Overhead headphones with Soft pads, built-in microphone and audio control; Dust Filter	
Warranty:	3 Years for workstation and monitor (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	
Other:	The desktop (incl. components), monitor and accessories must be of the same manufacturer; must be indicated all Part Numbers of equipment, parts and additional services	

LOTUL nr. 4

Printer Type I Format A4

GENERIC SPECIFICATIONS		QUANTITY
Type:	Print/Copy/Scanner/Fax/A4	3
Print Technology:	Laser	
Duty Cycle:	min. 80 k pages Monthly	
Memory:	min. 256MB	
Print/Copy speed:	min.38 ppm	
First Page Out:	max. 6 sec	
Print/Copy resolution:	1200x1200/600x600 dpi (hardware resolution, without interpolation)	
Print languages support:	Adobe PostScript 3; PCL 5e; PCL 6; PDF Direct; URF	
Scan speed:	min. 45 ipm	
Scan Resolution:	24 bit; min. 1200x1200 dpi	

Scan File Format:	PDF; JPEG; XPS; TIFF; RAW; PNG	
Scan Type:	DADF; Flatbat	
Scanner Features:	Scan to E-mail/cloud/USB/network folder	
Printer/Copy Features:	Duplex Printing; Two-sided copying; ID Copy	
Fax Features:	Fax Stored; Fax address book	
Connectivity:	min. Hi-Speed Device USB; Host USB; Gigabit Ethernet; Fax	
Paper Handling::	DADF min. 50 pages; Input Trays - min. 350 pages	
Management:	Touchscreen control LCD panel; Monthly/Weekly/Daily reports on users/type of job/consumables	
Security:	Password-protection; Network port disablement; LDAP authentication; ACL; SSL/TLS; IPSec/Firewall with Kerberos; PreShared Key Authentication	
Consumables:	support cartridges with min. 8k page yield	
Warranty:	3 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	

LOTUL nr. 5

Printer Type II / Color Printer Format A4

GENERIC SPECIFICATIONS		QUANTITY
Type:	Color Printer A4	2
Print Technology:	Laser	
Duty Cycle:	min. 100 k pages Monthly	
Memory:	min. 1GB	
Print/Copy speed:	min. 55 ppm	
First Page Out:	max. 6 sec	
Print resolution:	1200x1200 dpi (hardware resolution, without interpolation)	
Print languages support:	Adobe PostScript 3; PCL 5e; PCL 6; PDF Direct; URF	
Printer Features:	Automatic Duplex printing; Print Preview; Print margins for Bottom/Top/Right/Left max 4.5 mm	
Connectivity:	min. 2x Hi-Speed Host USB; Hi-Speed Device USB; Gigabit Ethernet	
Paper Handling::	Input Trays - min. 1x Trays for min. 500 pages; support installation additional Tray	
Management:	min. 10 cm Color Touch rotating LCD Panel; Monthly/Weekly/Daily reports on users/type of job/consumables	
Security:	Password-protection; Network port disablement; LDAP authentication; ACL; SSL/TLS; IPSec/Firewall with Kerberos; PreShared Key Authentication; Encrypted PDF & Email; min 100 user PIN codes	
Consumables:	support cartridges with min. 20k page yield	
Warranty:	3 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	

LOTUL nr.6

Printer Type III / Color Printer A3

GENERIC SPECIFICATIONS		QUANTITY
Type:	Color Printer A4/A3	1
Print Technology:	Laser	
Duty Cycle:	min. 150 k pages Monthly	
Memory:	min. 1,5GB; HDD min. 250GB with AES256 Encryption	
Print speed:	min. 45 ppm	
First Page Out:	max. 10 sec	
Print resolution:	1200x1200 dpi (hardware resolution, without interpolation)	
Print languages support:	Adobe PostScript 3; PCL 5e; PCL 6	

Printer Features:	supported Pantone Calibration; Print Preview; Print margins for Bottom/Top/Right/Left max 2.5 mm; Automatic Duplex printing	
Connectivity:	min. 2x Hi-Speed Host USB; Hi-Speed Device USB; Gigabit Ethernet	
Paper Handling:::	Input Trays - min. 4x Trays for min. 500-sheets A3 each	
Management:	min. 10 cm Color Touch rotating LCD Panel; Monthly/Weekly/Daily reports on users/type of job/consumables	
Security:	USB/Network port disablement; ACL; SSL/TLS; IPSec/Firewall with Kerberos; PreShared Key Authentication	
Consumables:	support cartridges with min. 30k page yield	
Warranty:	3 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	

LOTUL nr.7

SISTEM SONOR DE TRADUCERE SIMULTANĂ și TABLĂ INTERACTIVĂ

Simultaneous Wireless Interpretation System		
GENERIC SPECIFICATIONS		QUANTITY
Type:	infrared interpretation system	1
Number of listeners:	22	
Number of translator:	2	
IR Transmitter:	Frequency Range 2.0 - 6.0 Mhz; min. 6 channels with channel level indication; privacy protection system; compatibility with wired interpretation system; frequency stability - 10PPM; ALC automatic level control; Multiple audio input up to 12 channels simultaneously	
IR Receiver:	min. 22 IRR + 2x Spare IRR (infrared; Frequency range 2.0-6.0 MHz; Li-Ion battery with battery life up to 30 hours; LCD Panel with indication channel number, battery level, signal strength, volume and language name; up to 270° wide reception angle; Headphone detection function)	
IR Radiator:	min. 2x IR Radiators (Frequency range 2.0 - 6.0 MHz; IR output power for coverage min. 40m; Angle of half intensity min. ±20°; Compliant with IEC 60914 /IEC 61603; support system for eliminates disturbance from high frequency lighting systems; Standby/Working indication; Signal delay adjustment function; Synchronization ON/OFF with transmitter; Temperature control; support Multi-channels use for the same radiator)	
Interpreter Console:	min. 2x Interpreter Console + 1x Spare (Channel separation > 85 dB; Built-in speaker min. 2W; min. 2× Microphone/2× Record/2× Headphone interfaces; Frequency response 40Hz to 18kHz; LCD screen; min. 6 channel; Support direct interpretation and relay interpretation; Automatic channel interlocking; Support dual mic relay interpretation; Microphone selection function; min. 3x pre-select incoming channels; Personal volume adjustment and automatical feedback eliminator function; MUTE key to enable a brief muting of the microphone; Electret cardioid microphone with indicator ring	
Interpreter Headset:	min. 2x Headset + 1x Spare (Adjustable headband with closed ear cushions; Omni-directional dynamic microphone; Volume control on the cord; 3.5mm connector; 20-20kHz; min. 2m cord length)	
Stereo Headphone:	min. 22x Headphones with 3x Spare (Adjustable headband; 3.5mm connector; 20-20kHz)	
Hall sound system:	min. 10x Loudspeakers; 1x Mixer Amplifier; 2x Professional Microphone for speakers	
Accessories and Materials:	all necessary materials for the installation of the system must be included	
Installation:	all necessary work on the installation of the system must be included	
Warranty:	3 Years NBD support	

Interactive board		
GENERIC SPECIFICATIONS		QUANTITY
Type:	Interactive Board with Ultra Short Throw projector, Mobile Stand and sound system	1
Diagonal size/ Active	min. 100" / 96"	

Diagonal size:	
Technology:	IR Cell Optical LED
Aspect Ratio:	16:9
Surface coating:	Ceramic-Steel / Pre-painted Steel; Anti-scratch and Anti-reflection
Ambient light reflection:	0
Contact Points:	2/4/6/10 independent points; Finger / Marker Touch
Multi-Touch:	Yes, 10-points
Features:	Customizable toolbar; Drawing / writing tools with simultaneous writing and deleting; Recognition of gestures and handwriting; automatic detection markers and colors; Automatic calibration function; Writing surface with whiteboard marker; Easy cleaning; support up to 10 users which can write simultaneously with different colors; Integrated Internet browser; Integrated videoplayer; support and integration with MS Office formats; Built-in virtual keyboard
Interfaces:	USB 2.0; WiFi
Board Pens:	min. 4 colors
Audio System:	built-in speakers with min. 20W RMS
Stand:	Mobile (on a wheels) electrical height-adjustable (up to 50 cm) stand for interactive board and projector
Ultra Short Throw projector	
Display System:	3 LCD
Screen size support:	up to 110"
Throw Distance:	0,4m - 0,6m
Contrast ratio:	min. 3000:1
Brightness:	min. 3300 lm
Lamp Life:	up to 10k hours in ECO Mode
Interfaces:	HDMI; RJ45; input RGB / Y PB PR; input/output VGA; USB Type-B and USB Type-A; S-Video; 2 Audio ports
Warranty:	3 Years NBD On-site

LOTUL nr.8

SISTEM DE SURSĂ DE ALIMENTARE NEÎNTRERUPTIBILĂ și SISTEM PERETE VIDEO

UPS		
GENERIC SPECIFICATIONS		QUANTITY
Type:	Online Modular 3-Phase N+1	
Output Capacity:	min. 60kW (30kW with N+1 Configuration); Supports 110% of load for min. 1 hour	
Nominal Output Voltage:	220V/380V; 230V/400V	
Nominal Input Voltage:	220/380V (3ph); 230/400V (3ph)	
Output AC Waveform (AC and Battery Mode):	Pure Sine wave	
Frequency Compatibility:	50/60Hz; Auto-selectable and user adjustable	
Voltage Regulation:	Online, double-conversion power conditioning	
Power Modules:	2x Power modules min. 30kW each; support installation additional min. 2x power modules	
Output Receptacles:	Hardwire (3P, N, E)	
Input Receptacles:	2x hardwire input connections with combine 3-Phase Wye, 4 wire (3P, N, E) inputs from two separate power sources	1
Output Circuit Breakers:	3x pole magnetic breaker	
Overvoltage/ Undervoltage Correction	Support continuous output in online mode w/o using battery, during overvoltages up to 470V; Support continuous output in online mode w/o using battery, during undervoltage conditions up to 320V	
Battery Runtime (Full Load 30kW):	min. 15 minutes; possibility of increasing the autonomous operation time of the UPS up to 6 hours (full load) with additional battery modules	
Expandable Battery:	yes, up to 4x additional modules	
Battery Type:	Hot-swappable, replaceable batteries	
Battery Life:	up to 7 years	
Alarm signal:	Audible Alarm Alarms signal for low-battery, overload, shutdown, bypass etc	
Connectivity:	DB9; SNMP interface	

Management:	Network card; Management software; LCD display with indication of mode of operation and real-time event log screen
Interference suppression:	Suppression of electromagnetic / radio frequency interference
Line/Battery transfer	0 ms
HA functionality:	Automatic inverter bypass; Hot swappable batteries; possibility parallel configuration 1+1; Cold-start operation support
Warranty:	2 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)

LOTUL nr.9

Video Wall Infrastructure

GENERIC SPECIFICATIONS	QUANTITY
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Video Wall Type I

Quantity of Display:	9 (3x3)
Display Size:	55"
Display resolution:	FHD (1920x1080)
Video Wall resolution:	up to 4K
Contrast:	min. 4000:1 (Static Mode) or min. 50000:1 (Dynamic Mode)
Brightness:	min. 500 cd/m ²
Viewing angle:	178 (H)/178 (V)
Bezel width:	max 3,5mm
VESA Mount support:	yes
Portrait/Landscape orientation:	yes
Reliability:	24/7 operation; MTBF min. 60000 hours
Display Color:	min. 1 billion
Integrated Video Controller:	built-in bay for media/video player with support Android or Tizen OS
Connectivity:	Input interfaces (min. HDMI, Display Port, VGA, USB, Audio); Output Interfaces (DP, RS232, RJ45, Audio); OPS; Signal Loop supported via Display Port, IR, RS232
Management control:	IR; RS232; RJ45
Quality of image and calibration:	Color gamut min 72% of RGB; integrated comprehensive video wall calibration after montage of system; integrated burn-in protection that prevents fixed images from sticking on the screen; glare protection
Display Protection:	Heat and dust Resistant
Audio:	min. 20W (RMS) active speakers
Energy Consumption ("On" mode)	Max. 140W
Wall Mount:	Wall mounting system and displays must be of the same manufacturer or official supplier of manufacturer; Should allow any element of the video wall to be serviced without removing other displays; Wall mounting system must ensure the installation of panels without any gaps
Other:	all necessary cables (power and interface) should be included in the set
Warranty:	3 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)
Video/Graphics Controller	
Type	Dual Sockets Workstation with support installation to RackCabinet
Processor	2x processors last generation with min. 2,1GHz base frequency/11MB cache/8 cores/Hyper-Threading support
Memory Options:	min. 6x DIMMs per CPU; min. 32GB DDR4 ECC
Storage:	min. 2x 256GB NVMe PCIe SSD (MLC; MTBF min. 1,5mln hours; Random Read min. 250K IOPS) in RAID 1; 1x 1TB 3.5"HDD SATA 7200 rpm (256MB cache, Enterprise Class, reliability 24/7)
Ports:	min. 10x USB 3.1; 4x RJ45
Slots:	min. 2x PCIe Gen3 x16; 4x PCIe Gen3 x4

1

Network:	2x 10GBase-T ports; 2x 1000Base-T ports	
Graphics Card:	min. 8GB GDDR5; min. 240 GB/s Memory Bandwidth; min. 4x DP1.4 ports	
Security:	Power-On/Setup Password; TPM 2.0; Side panel keylock	
Power Supply	min. 1000W with 90% efficient (80PLUS Gold Certified); support connection up to 2x graphics cards	
Software:	MS Windows 10 Pro Workstation Edition	
Special Video Wall Management SW:	SW application for control the output of Video Stream (Support for streaming and playing video incl. Yuotube and similar services, IP cameras, WEB cameras of high resolution), HTML, Presentation MS PowerPoint, Images (jpg, .png without limiting the resolution of the file), PDF (viewing documents without limiting the size of the file), output of remote desktops via VNC protocol with management support, management of windows of running applications on the video wall; Software features: Move, delete and edit the size of the source window in real time; Snapping the main windows to the grid with possibility of editing; Preparation of grid templates, and independent editing of the grid in "advanced mode"; Possibility of making templates for the subsequent rapid display and management of them; Uploading content to the controller via the Web; Drag & Drop functionality; Work with last generation browsers on any modern platform (cross-platform); Password protection for client part of SW application; Remote switching of sources without using the remote control; Capture and playback of external sources (HDMI / DVI) in 1080p format; Technical Support incl. update of SW for min. 3 years	
Warranty:	5 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	
Video Wall Type II		
Quantity of Display:	6 (2x3)	
Display Size:	55"	
Display resolution:	FHD (1920x1080)	
Video Wall resolution:	up to 4K	
Contrast:	min. 4000:1 (Static Mode) or min. 500000:1 (Dynamic Mode)	
Brightness:	min. 500 cd/m ²	
Viewing angle:	178 (H)/178 (V)	
Bezel width:	max 3,5mm	
VESA Mount support:	yes	
Portrait/Landscape orientation:	yes	
Reliability:	24/7 operation; MTBF min. 60000 hours	
Display Color:	min. 1 billion	
Integrated Video Controller:	built-in bay for media/video player with support Android or Tizen OS	
Connectivity:	Input interfaces (min. HDMI, Display Port, VGA, USB, Audio); Output Interfaces (DP, RS232, RJ45, Audio); OPS; Signal Loop supported via Display Port, IR, RS232	
Management control:	IR; RS232; RJ45	
Quality of image and calibration:	Color gamut min 72% of RGB; integrated comprehensive video wall calibration after montage of system; integrated burn-in protection that prevents fixed images from sticking on the screen; glare protection	
Display Protection:	Heat and dust Resistant	
Audio:	min. 20W (RMS) active speakers	
Energy Consumption ("On" mode)	Max. 140W	
Wall Mount:	Wall mounting system and displays must be of the same manufacturer or official supplier of manufacturer; Should allow any element of the video wall to be serviced without removing other displays; Wall mounting system must ensure the installation of panels without any gaps	
Other:	all necessary cables (power and interface) should be included in the set	
Warranty:	3Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	
Video/Graphics Controller		

Type	Dual Sockets Workstation with support installation to RackCabinet
Processor	2x processors last generation with min. 2,1GHz base frequency/11MB cache/8 cores/Hyper-Threading support
Memory Options:	min. 6x DIMMs per CPU; min. 32GB DDR4 ECC
Storage:	min. 2x 256GB NVMe PCIe SSD (MLC; MTBF min. 1,5mln hours; Random Read min. 250K IOPS) in RAID 1; 1x 1TB 3.5"HDD SATA 7200 rpm (256MB cache, Enterprise Class, reliability 24/7)
Ports:	min. 10x USB 3.1; 4x RJ45
Slots:	min. 2x PCIe Gen3 x16; 4x PCIe Gen3 x4
Network:	2x 10GBase-T ports; 2x 1000Base-T ports
Graphics Card:	One/Two graphics card with min. 6x DP 1.4 interfaces; each card must support min.8GB GDDR5; min. 240 GB/s Memory Bandwidth; additional synchronization card if will use two graphic cards
Security:	Power-On/Setup Password; TPM 2.0; Side panel keylock
Power Supply	min. 1000W with 90% efficient (80PLUS Gold Certified); support connection up to 2x graphics cards
Software:	MS Windows 10 Pro Workstation Edition
Special Video Wall Management SW:	SW application for control the output of Video Stream (Support for streaming and playing video incl. Yuotube and similar services, IP cameras, WEB cameras of high resolution), HTML, Presentation MS PowerPoint, Images (jpg, .png without limiting the resolution of the file), PDF (viewing documents without limiting the size of the file), output of remote desktops via VNC protocol with management support, management of windows of running applications on the video wall; Software features: Move, delete and edit the size of the source window in real time; Snapping the main windows to the grid with possibility of editing; Preparation of grid templates, and independent editing of the grid in "advanced mode"; Possibility of making templates for the subsequent rapid display and management of them; Uploading content to the controller via the Web; Drag & Drop functionality; Work with last generation browsers on any modern platform (cross-platform); Password protection for client part of SW application; Remote switching of sources without using the remote control; Capture and playback of external sources (HDMI / DVI) in 1080p format; Technical Support incl. update of SW for min. 3 years
Warranty:	5 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)

Video Wall Type III

Quantity of Display:	4 (2x2)
Display Size:	55"
Display resolution:	FHD (1920x1080)
Video Wall resolution:	up to 4K
Contrast:	min. 4000:1 (Static Mode) or min. 50000:1 (Dynamic Mode)
Brightness:	min. 500 cd/m ²
Viewing angle:	178 (H)/178 (V)
Bezel widht:	max 3,5mm
VESA Mount support:	yes
Portrait/Landscape orientation:	yes
Reliability:	24/7 operation; MTBF min. 60000 hours
Display Color:	min. 1 billion
Integrated Video Controller:	built-in bay for media/video player with support Android or Tizen OS
Connectivity:	Input interfaces (min. HDMI, Display Port, VGA, USB, Audio); Output Interfaces (DP, RS232, RJ45, Audio); OPS; Signal Loop supported via Display Port, IR, RS232
Management control:	IR; RS232; RJ45
Quality of image and calibration:	Color gamut min 72% of RGB; integrated comprehensive video wall calibration after montage of system; integrated burn-in protection that prevents fixed images from sticking on the screen; glare protection
Display Protection:	Heat and dust Resistant
Audio:	min. 20W (RMS) active speakers
Energy Consumption	Max. 140W

("On" mode)		
Wall Mount:	Wall mounting system and displays must be of the same manufacturer or official supplier of manufacturer; Should allow any element of the video wall to be serviced without removing other displays; Wall mounting system must ensure the installation of panels without any gaps	
Other:	all necessary cables (power and interface) should be included in the set	
Warranty:	3 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	
Video/Graphics Controller		
Type	Workstation with support installation to RackCabinet	
Processor	Processors last generation with min. 3,6GHz base frequency/11MB cache/8 cores/Hyper-Threading support	
Memory Options:	min. 8x DIMMs; min. 16GB DDR4	
Storage:	min. 2x 256GB NVMe PCIe SSD (MLC; MTBF min. 1,5mln hours; Random Read min. 250K IOPS) in RAID 1; 1x 1TB 3.5"HDD SATA 7200 rpm (256MB cache, Enterprise Class, reliability 24/7)	
Ports:	min. 8x USB 3.1; 4x RJ45	
Slots:	min. 2x PCIE Gen3 x16; 2x PCIE Gen3 x4	
Network:	2x 10GBase-T ports; 2x 1000Base-T ports	
Graphics Card:	min. 4GB GDDR5; min. 140 GB/s Memory Bandwidth; min. 4x DP1.4 ports	
Security:	Power-On/Setup Password; TPM 2.0; Side panel keylock	
Power Supply	min. 1000W with 90% efficient (80PLUS Gold Certified); support connection up to 2x graphics cards	
Software:	MS Windows 10 Pro Workstation Edition w/downgrade to Win7 OEM	
Special Video Wall Management SW:	SW application for control the output of Video Stream (Support for streaming and playing video incl. Yuotube and similar services, IP cameras, WEB cameras of high resolution), HTML, Presentation MS PowerPoint, Images (jpg, .png without limiting the resolution of the file), PDF (viewing documents without limiting the size of the file), output of remote desktops via VNC protocol with management support, management of windows of running applications on the video wall; Software features: Move, delete and edit the size of the source window in real time; Snapping the main windows to the grid with possibility of editing; Preparation of grid templates, and independent editing of the grid in "advanced mode"; Possibility of making templates for the subsequent rapid display and management of them; Uploading content to the controller via the Web; Drag & Drop functionality; Work with last generation browsers on any modern platform (cross-platform); Password protection for client part of SW application; Remote switching of sources without using the remote control; Capture and playback of external sources (HDMI / DVI) in 1080p format; Technical Support incl. update of SW for min. 3 years	
Warranty:	5 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)	
Other:	The workstation incl. components must be of the same manufacturer	
Incoming traffic network node		
Type:	Layer 2 PoE+ switch/es	
Total Ports q-ty:	min. 96x 10/100/1000 ports, of them at least 48x PoE+ (30W per port); min. 8x 10GBASE-T ports	
Total Switching Capacity of Node:	min. 350 Gbps	
High availability:	Link aggregation; IEEE 802.1D (STP); IEEE 802.1W (RSTP) support	
Throughput of Node:	min. 260 Mpps	
QoS:	support Traffic prioritization; Broadcast control; IEEE 802.1p/Q	
Perfomance:	support Half- and full-duplex auto-negotiating capability on every port; IGMP snooping	
Security:	Secure Socket Layer; Automatic denial-of-service protection; Management password	
Management:	Web management; Port mirroring; SNMPv1, v2c; NTP; Dual flash images	
Connectivity:	IEEE 802.3X flow control; Auto PoE power configuration; PoE shut down mode; Auto port shut-down; Loop protection	

Rack mountable	Max 2U
Technical Support:	Lifetime Software updates; 24x7 chat support with manufacturer; NBD shipment of advanced hardware replacement - includes fans and power supplies; Lifetime warranty
Management node	
Type and q-ty:	2x Layer 3 Switches
Ports per each switch:	min. 20x RJ-45 10/100/1000 ports; 4x 10/100/1000 BASE-T SFP Ports
Slots:	Uplink module slot with min. 4x 10GBASE-T ports; stacking module slot
Switching capacity per each switch:	min. 128 Gbps
High availability:	VRRP; IEEE 802.1s Multiple Spanning Tree support; LACP; support dual power supplies for redundancy
Throughput per each switch:	min. 92 Mpps
QoS:	Layer 4 prioritization; IEEE 802.1p; IEEE 802.1p priority tag based on IP address/ ToS, Layer 3 protocol, TCP/UDP source and number of port
Performance:	support Ring Stacking Topology; Ring topology; Virtualized Switching
Security	Web-based authentication; MAC-based authentication; Concurrent IEEE 802.1X, Web, and MAC authentication schemes; MAC Pinning; MAC address lockout; IEEE 802.1AE MACsec; TMP module; Dynamic ARP protection; DHCP protection; Private VLAN; SSL; ACLs; RADIUS/TACACS+
Management:	RMON, XRMON, and sFlow support; Dual flash images; Automatic configuration for mobile-first campus networks; Out-of-band Ethernet management port; Automatically finds and fixes network problems; Unidirectional link detection service support;
Layer 3 routing:	Static IP routing; RIPv1, RIPv2, and RIPng routing; OSPFv2 / OSPFv3 protocols; Policy-based routing support
Layer 3 services:	DHCP server functionality support
Stacking Module:	Yes, both swithes must be install in the stack
Rack mountable	Max 1U each switch
Technical Support:	Lifetime Software updates; 24x7 chat support with manufacturer; NBD shipment of advanced hardware replacement - includes fans and power supplies; Lifetime warranty

Operation PC

Type	Brand Name International Business PC, SFF
Processor	Processors last generation with min. 3,0 GHz base frequency/6 cores/9MB cache/up to 4,0 GHz turbo frequency/14 nm technology/TDP 65W
Memory Options:	min. 4x DIMMs; min. 8GB DDR4 2666MHz
Storage:	min. 2x 500GB SATA 3.5" 7200 rpm in RAID level 1
Storage Controller:	min. 3x SATA ports
Ports:	min. 3x USB 3.1 Gen 2 (2x on a front panel); 2x USB 3.1 Gen 2 Type-C (1x on a front panel); 1x PowerShare port USB port on a front panel; RJ45; 3x Audio (1x on a front panel); 2x DisplayPort 1.2
Slots:	min. 1x PCIE Gen3 x4 and 1x PCIE Gen3 x1 must be free
Network:	2x Gigabit Ethernet ports
Graphics Card:	min. 2GB 128-bit GDDR5 PCIE x16; min. 2x Display Ports
Security:	Power-On/Setup Password; TPM 2.0
Power Supply	80PLUS Platinum Certified
Software:	MS Windows 10 Pro OEM
Input Devices:	USB Keyboard (Eng/Rus); USB Laser Mouse
Monitor:	min. 27" (thin screen frame; IPS; 3840x2160 Native resolution; min. 350 nits; max. 5ms response time; Color Gamut min. 99% of sRGB; Static Contrast min 1200:1; Anti-glare and 3H Hard Coating; HDMI, DP, USB 3.0 interfaces; built-in cable-management; Pivot Rotation; Height adjustment stand with range min. 130mm); Picture-in-Picture functionality support
Options:	Overhead headphones with Soft pads, built-in microphone and audio control; Dust Filter
Warranty:	5 Years for workstation and monitor (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warranty will be rejected)
Other:	The desktop (incl. components), monitor and accessories must be of the same manufacturer; must be indicated all Part Numbers of equipment, parts and

LOTUL nr.10

TETRA, GSM, UMTS, LTE repeater equipment – 735.000,00 lei			
Nr.	GENERIC SPECIFICATIONS	QUANTITY	
1	Multi-band, multi-operator repeater		
	Repeater (1) - TETRA band	380-485 MHz / 385-490 MHz	1
	Repeater (2) - GSM band	880-915 MHz / 925-960 MHz	1
	Repeater (3) - DCS band	1710-1785 MHz / 1805-1880 MHz	1
	Repeater (4) - UMTS band	1920-1980 MHz / 2110-2170 MHz	1
	Repeater (5) - LTE band	2500-2570 MHz / 2620-2690 MHz	1
	Gain	Min: 70dB Max: 90dB	
	Output power (composite)	Min: 33 dBm per frequency band	
	Sub-band filtering	Yes	
	Adjustable attenuation	Yes	
	Build-in multiplexer	Yes	
	Multi-operator support	Yes	
	Interface	1 x Ethernet	
	Monitoring	Web, SNMP, Modem	
	Input power	220 Vac / 50 Hz	
	Operating temperature	0° to 40°C	
Warranty	Min: 3 years		
2	Donor antennas		
	Type (1)	TETRA band / Dipole or Multiple elements	As needed per vendor system configuration
	Gain (1)	Min: 10dBi for directional antenna or 2 dBi for omni antenna	
	Horizontal beamwidth (1)	50° - 90°	
	Vertical beamwidth (1)	30° - 60°	
	Type (2)	GSM, DCS, UMTS, LTE / Omni or Directional	As needed per vendor system configuration
	Gain (2)	Min: 10dBi @ 2600 MHz (Directional) or 2.5dbi @ 2600 MHz (Omni)	
	Polarization (2)	Vertical	
	Horizontal beamwidth (2)	50° - 90° (Directional)	
	Vertical beamwidth (2)	30° - 60° (Directional, Omni)	
3	Coverage antennas		
	Type (1)	TETRA, GSM, UMTS, LTE / Omni indoor	As needed per vendor system configuration
	Gain (1)	Min: 2 dBi for TETRA band, 2.5 dBi for GSM, UMTS, LTE bands	
4	Splitters, cables and passive elements		

	Type	Compatible for TETRA, GSM, UMTS, LTE frequency bands	As needed per vendor system configuration
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Nr. d/o	Denumire Bunuri solicitate	Unitatea de măsură	Cantitatea	Specificarea tehnică deplină solicitată, Standarde de referință
LOTUL NR. 11				
	Stație de lucru PC model Specializat			
	Stație de lucru PC model Specializat	Set	5.00	Platform Form Factor Full Tower Ports - 2 x USB3.0/2 x USB2.0, HD Audio – front CPU Min 4-cores Processor, min. Generatia 6, Frecventa de baza min. 3,2 GHz, min 6MB cache, 14 nm, max 65W) MB Sokets compatibil cu CPU, RAM (2400Mhz) min 2 slots with support up to 32 GB, 1xDisplay port, 1xVGA, DVI, D-SUBsau HDMI port PCI Express x16, M.2 PCIex1 2xUSB 3.1 (front), 4xUSB 2.0sau 3.0 (rear) 2xSATA 6.0Gb/s, 1xGbit LAN, SD Card reader (front) RAM Min. 2x8 GB, frecvențamin. 2400 MHz,compatibilă cu placa de bază HDD SATA Min. 1TB, 7200 RPM SATA III Video card Video card Discreet, 2GB, with support for 2 monitors Network Network 1 on board Ethernet 10/100/1000 Optical drive DVDR+22x/-22x, RW+8x/-6x, SATA, black Sound card Sound card integrated Ports

			<p>2xUSB 3.1 (front), 4xUSB 2.0sau 3.0 (rear) 1xDisplay port, 1xVGA, DVI, D-SUBsauHDMI port PS/2 optional, Audio, Lan RJ45 Keyboard PS/2&USB, Eng/Rus Mouse PS/2&USB, optical, scrolling Spikers 2x2W, Black/Silver Power Supply Blocul de alimentare conform recomandărilor producătorilor. Surge protector 220V, 50Hz, 2000W, 5 sockets, 5 m</p> <p>Monitor (2 unități) Tip ecran: LED sau echivalent Formatul ecranului: Wide (formatul imaginii: 16:9) Mărime: Min. 23,8 inch; Rezoluție: 1920 x 1080 pixeli; Reproducere culori: Min. 16 milioane; Raportul de contrast: Min.1000:1 (static); Luminozitate tipică: 250 ~ 300 cd/m; Unghi maxim de vizibilitate orizontală/verticală: 160°/160° sau 170°/160° Conectivitate: VGA și DisplayPort Puterea consumată: 24 ~ 60 W</p> <p>Accesorii: Livrat cu cablu de conexiune și cablu de alimentare UPS UPS 1000VA, 220-240 V, 50-60 Hz.</p> <p>Security 1. Activare/dezactivare port USB (prin BIOS) 2. Parolă de pornire (prin BIOS) 3. Parolă de configurare (prin BIOS)</p> <p>OS/Software Microsoft Windows 10 Professional 64-bit OEM Antivirus 12 luni</p> <p>Garanție Min. 36 luni, inclusiv UPS și Monitor Brand name:</p>
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				denumirea, modelul, numărul partidei definit (blocul de sistemă, monitorul, keyboard, mouse de același producător)
LOTUL NR.12				
	Stație de lucru PC			
	Stație de lucru PC	Set	1.00	Platform Form Factor Full Tower Ports - 2 x USB3.0/ 2 x USB2.0, HD Audio – front CPU Min 4-cores Processor, min. Generatia 6, Frecventa de baza min. 3,2 GHz, min 6MB cache, 14 nm, max 65W) MB Sokets compatibil cu CPU, RAM (2400Mhz) min 2 slots with support up to 32 GB, 1xDisplay port, 1xVGA, DVI, D-SUBsau HDMI port PCI Express x16, M.2 PCIex1 2xUSB 3.1 (front), 4xUSB 2.0sau 3.0 (rear) 2xSATA 6.0Gb/s, 1xGbit LAN, SD Card reader (front) RAM Min. 8 GB, frecvențamin. 2400 MHz,compatibilă cu placa de bază HDD SATA Min. 1TB, 7200 RPM SATA III Video card Integrated Network Network 1 on board Ethernet 10/100/1000 Optical drive DVDR+22x/-22x, RW+8x/-6x, SATA, black Sound card Sound card integrated Ports 2xUSB 3.1 (front), 4xUSB 2.0sau 3.0 (rear) 1xDisplay port, 1xVGA, DVI, D-SUBsauHDMI port PS/2 optional, Audio, Lan RJ45 Keyboard PS/2&USB, Eng/Rus Mouse PS/2&USB, optical, scrolling Spikers 2x2W, Black/Silver Power Supply Blocul de alimentare conform recomandărilor

				<p>producătorilor. Surge protector 220V, 50Hz, 2000W, 5 sockets, 5 m</p> <p>Monitor Tip ecran: LED sau echivalent Formatul ecranului: Wide (formatul imaginii: 16:9) Mărime: Min. 23,8 inch; Rezoluție: 1920 x 1080 pixeli; Reproducere culori: Min. 16 milioane; Raportul de contrast: Min.1000:1 (static); Luminozitate tipică: 250 ~ 300 cd/m; Unghi maxim de vizibilitate orizontală/verticală: 160°/160° sau 170°/160° Conectivitate: VGA și DisplayPort Puterea consumată: 24 ~ 60 W</p> <p>Accesorii: Livrat cu cablu de conexiune și cablu de alimentare UPS UPS 800VA, 220-240 V, 50-60 Hz.</p> <p>Security 1. Activare/dezactivare port USB (prin BIOS) 2. Parolă de pornire (prin BIOS) 3. Parolă de configurare (prin BIOS)</p> <p>OS/Software Microsoft Windows 10 Professional 64-bit OEM Antivirus 12 luni</p> <p>Garanție Min. 36 luni, inclusiv UPS și Monitor Brand name: denumirea, modelul, numărul partidei definit (blocul de sistemă, monitorul, keyboard, mouse de același producător)</p>
	LOTUL NR. 13			
	Stație de lucru mobilă (NoteBook)			
	Stație de lucru mobilă (NoteBook)	Bucată	2.00	Platform Aluminum/Plastic chassis CPU Min. 4-cores

				<p>Processor (Manufacturing Technology 22nm, min. 2.0 GHz Base speed, 4 Mb cache) RAM Min. 4GB HDD SATA Min. 1 Tb GB SATA LCD display 15.6" IPS 1920x1080@60Hz, Contrast min. 600:1, Brightness min. 230 nits Video card Integrated Wired network Integrated, Support 10/100/1000Mbps Wireless conn. Wi-Fi (802.11 a/b/g/n), Bluetooth 4.0 Optical drive DVD+/-RW internal or external Multimedia Integrated stereo speakers, Integrated -microphone, HD webcam Ports Min. 2xUSB (2.0/2x3.0) 1x VGA; 1x DPv1.2 sau HDMI; 1x RJ-45; Card rider Card Reader integrat Keyboard English/Russian Battery Lithium-Ion Polymer; Battery Life min. 8 hours with primary battery and min. 15 hours with secondary battery Weight Up to 2,4 kg in minimum configuration specified by manufacturer Accessories Notebook Case; Wireless optical mouse with scroll wheel; OS/Soft Microsoft Windows 10 Professional 64-bit OEM Antivirus 12 luni Security 1. Activare/dezactivare port serial, USB (prin BIOS) 2. Parolă de pornire (prin BIOS) 3. Parolă de configurare (prin BIOS) Warranty Min. 12 luni, inclusiv baterie</p>
	LOTUL NR.14			
	Imprimantă laser de			

	birou alb/negru			
	Imprimantă laser de birou alb/negru	Bucată	17.00	<p>Functii disponibile</p> <p>Imprimanta Tehnologie de printare Monocrom</p> <p>Tehnologie de printare Laser</p> <p>Ciclu de utilizare, lunar 8000 pagini Format A4 Rezolutie printare alb/negru 1200dpi</p> <p>Calitatea imprimării alb/negru Până la 2400 x 600 dpi cu rafinare automată a imaginii</p> <p>Viteza de printare alb/negru Min.18 ppm Număr de culori 1 Număr de cartușe 1</p> <p>Capacitate memorie Min 8 Mb</p> <p>Interfețe USB 2.0 Hi-Speed</p> <p>Timp de imprimare a prim pag. Max. 7,8 sec Tip de suport material Hârtie simplă, groasă, reciclată, folii transparente, etichete, plicuri</p> <p>Greutatea hârtiei 60 - 163 g/m² Cartuș alb/negru min 1600 file la 5%</p> <p>Compatibilitate cu sisteme de operare Windows XP/7/8/10/Server 2008/Server 2012 Accensorii Cablu 220v – 1 buc., cablu USB 2.0 3m – 1 buc. Cartuș de rezervă Min 1600 file – 1 buc. Garanție Minim 12 luni pentru componente, manoperă și servicii la atelier</p>
	LOTUL NR.15			
	Imprimantă multifuncțională laser de birou alb/negru			
	Imprimantă multifuncțională laser de birou alb/negru (Imprimantă/copiator/	Bucată	6.00	<p>Functii disponibile</p> <p>Imprimanta/Scanner/Copiator</p> <p>Tehnologie de printare Monocrom Tehnologie de</p>

	scanner)			<p>printare Laser Ciclu de utilizare, lunar 8000 pagini Format A4 Rezolutie printare alb/negru 1200dpi Calitatea imprimării alb/negru Până la 2400 x 600 dpi cu rafinare automată a imaginii Viteza de printare alb/negru 23 ppm Tip scanner Comprimat, color, cu suport plat și alimentator automat de documente (ADF) – adițional la necesitatea utilizatorului Rezoluție scanner 600x600 Dpi Micșorare/mărire 25-400 % Număr de culori 1 Număr de cartușe 1 Capacitate memorie Min 256 Mb Interfețe Ethernet (RJ-45), USB 2.0 Hi-Speed Timp de imprimare a prim pag. Max. 6 sec Timp de ieșire a primei copii Max. 9 sec Tip de suport material Hârtie simplă, groasă, reciclată, folii transparente, etichete, plicuri Greutatea hârtiei 60 - 163 g/m² Cartuș alb/negru min 2400 file la 5% Compatibilitate cu sisteme de operare Windows XP/7/8/10/Server 2008/Server 2012 Accensorii cablu 220v – 1 buc., cablu USB 2.0 3m – 1 buc. Cartuș de rezervă Min 2400 file – 1 buc. Garanție Minim 12 luni pentru componente, manoperă și servicii la atelier</p>
	LOTUL NR.16			
	Imprimantă coloră InkJet			
	Imprimantă coloră InkJet (Pentru	Bucat	2.00	Functii disponibile Imprimanta Tehnologie de

	fotografii)		<p>printare Color Tehnologie de printare InkJet Format A4 Metoda de printare Inkjet Jet de cerneală cu sistem incorporat CISS - Configurația duzelor: minim 90 duze fiecare culoare - Mărimea picăturii: 1.5 pl (minim) cu tehnologia "Picături de cerneala de dimensiuni variabile" - Tehnologia cerneală: Dye Ink - Culori: 6 tipuri (Magenta deschis, Magenta, Galben, Cyan deschis, Cyan, Negru) Rezoluția de listare Pana la 5760x1440 dpi optimizat pe medii de tipărire adecvate folosind sistemul RPM (Resolution Performance Management) Viteza de printare A4, text monocrom: minim 37ppm - A4, text color: minim 38 ppm - Fotografie (10x15cm): aproximativ 12 secunde per fotografie Interfața USB Hi-Speed - compatibila cu specificațiile USB 2.0 Tip de suport material Capacitate: 120 coli hârtie obișnuită A4 (75g/m2) sau 20 coli hârtie fotografica lucioasa Premium - Tavi pentru hârtie: 1 - Dimensiunea mediului de tipărire: A4, Letter, Legal, 13x20cm, 13x18cm, 10x15cm, 9x13cm, A5, A6, B5, format lat 16:9, format definit de utilizator, plicuri: nr. 10, DL, C6 - Marginea la listare: 0mm sus, stânga, dreapta, jos, prin setările personalizate din driverul imprimantei -</p>
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				<p>CD/DVD Imprimabil: 8cm, 12cm Compatibilitate cu sisteme de operare Windows 7-10, Windows Vista, Windows XP, Windows XP x64 Accesorii Set inclus: cablu de alimentare, CD cu soft, CD cu documentație; - Set suplimentar: cablu USB Consumabile Set suplimentar de materiale de consum: 1 set de cerneală color, recipient a câte 70 ml de fiecare culoare Garanție Minim 12 luni pentru componente, manoperă și servicii la atelier</p>
	LOTUL NR.17			
	Imprimantă multifuncțională Laser color			
	Imprimantă multifuncțională Laser color	Bucată	2.00	<p>Tip de aparat :Multifuncțională laser color Funcții disponibile :Imprimare, copier, scanare Viteză de imprimare Până la 14 ppm color și monocrom (A4) Metodă de imprimare :Imprimare laser color Calitatea imprimării :Până la 1200 x 1200 dpi Rezoluție de imprimare :600 x 600 dpi Timp de imprimare a primei pagini :Color/monocrom aprox.: 18 secunde sau mai puțin Limbaje de imprimare :UFR II-LT Mod economisire toner :Da Viteză de copiere :Până la 14 cpm color și monocrom (A4) Timp de ieșire a primei copii (FCOT) :Color/Monocrom: aprox. 19 secunde sau mai puțin Rezoluție de copiere :Până la</p>

			<p>600 x 600 dpi Moduri de copiere :Text/fotografie/hartă (calitate), imagine imprimată, text Copiere multiplă :Până la 99 de exemplare Micșorare / mărire :25-400% în trepte de 1% Scanner Tip :Color</p> <p>Rezoluție de scanare :Optică: până la 600 x 600 dpi, Îmbunătățită: până la 9600 x 9600 dpi Adâncime de scanare color :24 biți/24 biți (intrare/ieșire) Tonuri de gri :256 niveluri Max. max. de scanare : 216 mm Alimentare cu hârtie (standard) :Casetă pentru 150 de coli Ieșirea hârtiei :125 de coli Tipuri de suporturi materiale :Hârtie simplă, hârtie reciclată, hârtie grea, folii transparente, hârtie cretată. Greutatea hârtiei :Casetă: 60 - 160 g/m² Tip de interfață :USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX</p> <p>Compatibilitate cu sistemul de operare : Server 2012¹/ Server 2008/Windows XP/ Vista/ 7/8/10 Protocol de rețea : Servicii aplicații TCP/IP:</p> <p>Caracteristici generale Ciclu de lucru :Max. 30.000 de pagini pe lună Timp de încălzire :Aprox. 23 secunde sau mai puțin de la pornire</p> <p>Memorie :256 MB (partajat) Panou de comandă : LCD cu 7 linii, iluminat din spate</p> <p>Consumabile Cartușe : Cartuș 731 negru (1.400 de pagini) Cartuș 7xxH negru (2.400 de pagini) Cartuș 7xx cyan (1.500 de pagini) Cartuș 7xx magenta (1.500 de pagini)</p>
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				Cartuș 7xx galben (1.500 de pagini)
	LOTUL NR.18			
	Diaproiector			
	Diaproiector	Bucat ă	2.00	Projection System: DLP Native Resolution: XGA (1024 x 768) Brightness*: 3,200 ANSI Lumens Contrast Ratio: 13,000:1 Display Color: 1.07 Billion Colors Lens: F= 2.56 - 2.8, f= 21 - 23.1 mm Aspect Ratio: Native 4:3 (5 aspect ratio selectable) Throw Ratio: 1.86 - 2.04 (53" @ 2m) Image Size (Diagonal): 36" - 300" Zoom Ratio: 1.1:1 Lamp Type: 190W Projection Offset: 120% ±5% Resolution Support: VGA (640 x 480) to UXGA (1600 x 1200) Horizontal Frequency: 15 - 102 KHz Vertical Scan Rate: 23 - 120 Hz Interface; Computer in (D-sub 15pin) x 2 (Share with component) Monitor out (D-sub 15pin) x 1 Composite Video in (RCA) x 1 S-Video in (Mini DIN 4pin) x 1 HDMI x 1 Audio in (Mini Jack) x 1 Audio out (Mini Jack) x 1 Speaker 2W x 1 USB (Type B) x1 RS232 (DB-9pin) x 1 IR Receiver x1 (Front) HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility: NTSC, PAL, SECAM Audible Noise: 33 / 28 dBA (Normal / Economic mode) Power Supply: AC100 to 240 V, 50 to 60 Hz Lamp Mode: Normal / Economic /

				SmartEco / LampSave 4500 / 6000 / 6500 / 10000 hours Tripod Screen 200x200 cu suport în set cu mecanism de reglare pe verticală.
	LOTUL NR.19			
	Distrugător de documente nivel de securitate P3			
	Distrugător de documente nivel de securitate P3	Bucată	2.00	Nivel de securitate: 3. Capacitate de taiere: min. 7 coli. Tip taiere: cross cut (confeti). Viteza de taiere: min. 4.3 m/minut. Latime fanta: min. 230 mm. Capacitate cos: 15 L Garantie: 12 luni
	LOTUL NR.20			
	Televizor TV LED 43			
	Televizor TV LED 43	Bucată	1.00	Ecran Rezoluție: Full HD Dimensiuni: 43" (108 cm) Lumină de fundal cu LED: Edge Image Indice de fluiditate a imaginii: 400 TruMonitor: 100Hz Sistem de operare: web OS 2.0 Audio Sistem de difuzoare: 2.0 Ieșire alimentare: 10W Conectivitate Slot CI: CI+1,3 HDMI/HDMI 4K: 2 USB 2.0/3.0: Da Utilizare comună componentă/compus: Da Tuner: DVB-T2/c/S2 Garantie: 12 luni
	LOTUL NR.21			
	Tablet PC 3G/4G			
	Tablet PC 3G/4G	Bucată	3.00	Tehnologia ecranului: Super AMOLED Diagonala ecranului: 9,7" (24,6 cm) Rezoluția ecranului:

				<p>2048x1536 Ecran sensorial: da Suport multi-touch: este Procesor: Octa Core Frecvența procesor: 1,8 GHz Capacitate memorie: 3 GB Tip unitate de stocare: FLASH Memorie de stocare: 32 GB Difuzoare încorporate: este Microfon încorporat: este Cameră frontală: 2,1 MP Cameră din spate: 8,0 MP Interfețe: USB microUSB Card Reader: microSD Wi-Fi: 802.11 a/b/g/n/ac Bluetooth: este (4.1) GPS: GPS, GLONASS Senzori G-sensor: este Busolă Hall sensor Senzor de iluminare: este Alimentarea: bateria min. 5800 mAh Durata de lucru de la baterie: 8 ore</p>
	LOTUL NR.22			
	Panou interactiv (Tablă interactivă)			
	Panou interactiv (Tablă interactivă)	Bucat ă	3.00	<p>Tabla Interactiva min. 87" 221 cm Interfata: USB IQ Interactive Education Platform; life free automatic online upgrade Tehnologie control IR Cell Optical Dimensiuni suprafata(mm) 1776×1334×35 Format 16:9 Acuratete 0.05mm Rezolutie 32768×32768 Viteza de raspuns 8ms Constructie / Suprafata tabla Anti Glare Dimensiuni(mm) 1726×1247 Temperatura functionare 0 - 40 Celsius Sisteme de operare Linux, MAC, Windows 10, Windows 7, Windows 8, Windows Vista, Windows XP Altele Mod multipagina Recunoastere scris de mana</p>

				<p>Stylus battery free Suport aplicatii 3rd-party Functii speciale: Inregistrare audio video Accesorii : Cablu USB 9 m, 2 markere tip stylus, 2 markere tip whiteboard, Accesorii pentru montaj perete, CD Software educational - Limba Romana, Manual de utilizare Software in lb Romana, Manual de utilizare Tabla in lb Romana; Suporta Marker tip whiteboard, orice culoare Stand mobil multimedia; Camera documente; Aadaptor wireless; Suport mobil tabla Kit de montare pe perete Incinte acustice stereo HI-FI 20W Garanție min 12 luni</p>
	LOTUL NR.23			
	Computer			
	Computer (SPIA)	Set	6.00	<p>Computer Brand Name Platform Smallform factor/Minitower/Tower CPU Min 2-cores Processor, min. Generația 6, Frecvența de baza min. 3,3 GHz, min 3MB cache, 14 nm, max 54W) MB Sokets compatibil cu CPU, RAM (2400Mhz) min 2 slotswithsupportupto 32 GB, 1xDisplay port, 1xVGA, DV1, D-SUB sau HDMI port PCI Express x 16, M.2 PCIex1 2xUSB 3.1 (front), 4xUSB 2.0 sau 3.0 (rear) 2xSATA 6.0Gb/s, 1xGbit LAN, SD Cărd reader (front) RAM Min. 4 GBfrecvența min. 2400 MHz. compatibilă cu placa de bază HDD Min. 1,0 TB 7200 rpm SATAII/SATA III,</p>

			<p>Cache min. 32 MB; Video cârd Integrated Network. Integrated, Supports 10/100/1 000Mbps Sound cârd Integrated Power Supply Blocul de alimentare conform recomandărilor producătorilor Cârd reader SD Cârd Reader Ports 2xUSB 3.1 (front), 4xUSB 2.0 sau 3.0 (rear) 1xDisplay port, 1xVGA, DVI, D-SUB sau HDMI port PS/2 opțional, Audio, Lan RJ45 Security 1. Activare/dezactivare port USB (prin BIOS) 2. Parolă de pornire (prin BIOS) 3. Parolă de configurare (prin BIOS) Garanție Min. 24 luni OS/Software Microsoft Windows 10 Professional 64- bit OEM Antivirus 1 years Item 1.2: Accesorii Keyboard PS/2 or USB, Eng/Rus Mouse PS/2 or USB, optical, scrolling Speakers Externai RMS 10W Surge protector 220V, 5 sockets, 5 m UPS UPS 650 VA Item 1.3: Monitor Brand name, same as calculator Cantitatea in set item. 1.3 Cantitatea monitoarelor se va estima in dependență de necesități Tip ecran LCD sau echivalent Formatul ecranului Wide (formatul imaginii: 16:9} Mărime Min. 22 inch; Rezoluțit Min. 1920x 1080 pixeli; Reproducere culori Min. 16 milioane; Raportul de contrast Min. 1000:1 (static); Luminozitate tipică 250~300cd/m; Unghi maxim</p>
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				de vizibilitate orizontală/verticală 160°/160° sau 170°/160° Conectivitate Min. VGA și DisplayPort Puterea consumată 24 ~ 60 W Accesorii item 1.3.: Livrat cu cablu de conexiune și cablu de alimentare; Garanție Min. 24 luni
	LOTUL NR.24			
	Stație de lucru PC model Avansat			
	Stație de lucru PC model Avansat (SPIA)	Set	4.00	Computer Brand Name Platform Smallform factor/Minitower/Tower CPU Min 4-cores Processor, min. Generația 6, Frecvența de baza min. 3,2 GHz, min 6MB cache, 14 nm, max 65W) MB Sockets compatibil cu CPU, RAM (2400Mhz) min 2 slots with support upto 32 GB, 1x Display port, 1x VGA, DVI, D-SUB sau HDMI port PCI Express x 16, M.2 PCIe x1 2x USB 3.1 (front), 4x USB 2.0 sau 3.0 (rear) 2x SATA 6.0Gb/s, 1x Gbit LAN, SD Card reader (front) RAM Min. 2x8 GB, frecvența min. 2400 MHz, compatibilă cu placa de bază HDD SATA Min. 1,0 TB 7200 rpm SATA II/SATA III, Cache min. 32 MB; HDD SSD SSD min. 240 GB, Viteza citire/scriere: 510/330 MB/s Video card Integrat eci Network Integrated, Supports 10/100/1000Mbps Sound card Integrated Power Supply Blocul de alimentare conform recomandărilor producătorilor Card reader SD Card Reader

			<p>Ports 2xUSB 3.1 (front), 4xUSB 2.0 sau 3.0 (rear) 1xDisplay port, 1xVGA, DVI, D-SUB sau HDM1 port PS/2 optional, Audio, Lan RJ45 Security 1.</p> <p>Activare/dezactivare port USB (prin BIOS) 2. Parolă de pornire (prin BIOS) 3. Parolă de configurare (prin BIOS) Garanție Min. 24 luni OS/Software Microsoft Windows 10 Professional 64-bit OEM Antivirus 1 years</p> <p>Item 2.2: Accesorii Keyboard PS/2 or USB, Eng/Rus Mouse PS/2 or USB, optical, scrolling Speakers Externai RMS 10W Surge protector 220V, 5 sockets, 5 m UPS UPS 650 VA Item 2.3: Monitor Brand name, same as calculator Cantitatea in set item. 2.3 Cantitatea monitoarelor se va estima in dependență de necesități Tip ecran LCD sau echivalent Formatul ecranului Wide (formatul imaginii: 16:9) Mărime Min. 22 inch; Rezoluție Min. 1920x 1080 pixeli; Reproducere culori Min. 16 milioane: Raportul de contrast Min. 1000:1 (static); Luminozitate tipică 250 ~ 300 cd/m; Unghi maxim de vizibilitate orizontală/verticală 160°/160°sau 170°/160° Conectivitate Min. VGA șiDisplayPort Puterea consumată 24 ~ 60 W Accesorii item 2.3.: Livrat cu cablu de conexiune și cablu de alimentare; Garanție Min. 24</p>
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				luni
	LOTUL NR.25			
	Aparat multifuncțional de birou alb/negru			
	Aparat multifuncțional de birou alb/negru (Documentare)	Bucată	2.00	<p>Funcții disponibile</p> <p>Imprimanta/Copiator/Scanner color/Fax Tehnologie de printare Monocrom</p> <p>Tehnologie de printare Laser</p> <p>Format A4 Imprimantă Viteză de imprimare Pe o parte: până la 27 ppm (A4) Față-verso: până la 15 ipm (A4) Metodă de imprimare Imprimare monocrom cu laser Calitatea imprimării Până la 1200 x 1200 dpi Rezoluție de imprimare 600 x 600 dpi</p> <p>Timp de imprimare a primei pagini Aprox. 6,0 secunde sau mai puțin Imprimare pe 2 fețe</p> <p>Automată Limbaje de imprimare UFR II-LT, PCL 5e1, PCL6 Fonturi 45 de fonturi PCL Margini de imprimare 5 mm sus, jos, la stânga și la dreapta 10 mm sus, jos, stânga și dreapta (plic) Mod economisire toner</p> <p>Da Caracteristici de imprimare avansate</p> <p>Compatibilitate cu Google Cloud Print iOS: AirPrint, aplicația Canon PRINT Business Android; certificare Mopria; plug-inul Canon Print Service, aplicația Canon PRINT Business Copiator</p> <p>Viteză de copiere Pe o parte: până la 27 ppm (A4) Față-verso: până la 15 ipm (A4)</p> <p>Timp de ieșire a primei copii</p>

			<p>(FCOT) Aprox. 9,0 secunde sau mai puțin Rezoluție de copiere Până la 600 x 600 dpi Moduri de copiere Text/Foto, Text/Foto (viteză mare), Foto, Text Copiere față-verso față-verso (automat) Copiere multiplă Până la 999 de exemplare Reducere/mărire 25-400% în trepte de 1% Alte caracteristici Sortare în memorie, 2 pe 1, 4 pe 1, copiere cărți de identitate</p> <p>Scanner color Tip scanner Scanner cu suport plat și alimentator duplex automat de documente (DADF) Rezoluție de scanare Optică: până la 600 x 600 dpi Îmbunătățită: până la 9600 x 9600 dpi Viteză de scanare Monocrom o față: 22 ipm (300 x 300 dpi) Color o față: 15 ipm (300 x 300 dpi) Monocrom față-verso: 8 ipm (300 x 300 dpi) Color față-verso: 5 ipm (300 x 300 dpi) Adâncime de scanare color 24 biți/24 biți (intrare/ieșire) Tonuri de gri 256 de niveluri Compatibilitate TWAIN, WIA, ICA Max. lățime de scanare 216 mm Scanare către e-mail TIFF/JPEG/PDF/PDF compact Scanare pe PC TIFF/JPEG/PDF/PDF compact/PDF cu funcție de căutare Scanare în cloud TIFF/JPEG/PDF/PNG FAX Viteză modem 33,6 kb/s (până la 3 secunde/pagină Mod recepționare Numai fax, comutare automată fax/telefon, mod cu răspuns, manual Rezoluție fax Normal:</p>
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			<p>200 x 100 dpi Fină: 200 x 200 dpi Foto: 200 x 200 dpi Superfină: 200 x 400 dpi Memorie FAX Până la 256 de pagini Apelări rapide Până la 104 de apelări Gestionarea mediilor de imprimare/copiere Alimentare cu hârtie (standard) Casetă pentru 250 de coli Tavă universală pentru 1 coală DADF pentru 50 de coli Ieșire hârtie 100 de coli Tipuri de suporturi materiale Hârtie simplă, hârtie reciclată, hârtie grea, etichete, carte poștală, plic Formate de hârtie Casetă: A4, A5, B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, hârtie concept, 16K, plic (COM10, DL, C5), formate personalizate: min. 76,2 x 210 mm max. 216 x 297 mm. Tava universală: A4, A5, B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, hârtie concept, 16K, fișă de indexare, plic (COM10, Monarch, DL, C5), dimensiuni particularizate: min. 76,2 x 127 mm max. 216 x 297 mm. ADF: A4, A5, B5, B6, Legal, Letter, dimensiuni particularizate (l x L): min. 127 x 140 mm - max. 216 x 356 mm Greutatea hârtiei Casetă: 60 - 163 g/m² Tavă multifuncțională: 60-163 g/m² ADF: 50 - 105 g/m² Interfață și software Tip de interfață USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX,</p>
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				<p>Compatibilitate cu sistemul de operare Windows 10 / Windows 8.1 / Windows 8 / Windows 7 / Server 2012R2 / Server 2012 / Server 2008R2 / Server 2008 / Server 2003R2/ Server 2003 / Vista Mac OS X versiunea 10.6 și versiunile ulterioare Linux Funcții generale și consumabile Ciclu de lucru lunar 15.000 de pagini pe lună Memorie Min. 512 MB Panou de control Ecran tactil LCD alb-negru cu min.6 linii Niveluri de zgomot Presiune sonoră: Activ: 51 dB la imprimarea alb-negru Standby: inaudibil Cartuș toner Cartuș echivalent 737 (min. 2.400 de pagini A4/5%) Garanție 3 ani</p>
	LOTUL NR.26			
	Dispozitiv digital de înregistrare audio (dictafon)			
	Dispozitiv digital de înregistrare audio (dictafon)	Bucată	2.00	<p>Aria de aplicare Difuzare, muzică, natură Funcționalitate USB USB 2.0 High Speed Ecran Afișaj matricial complet, LED/LCD Timpul de înregistrare Min.3 ore în calitate superioară (WAV / MP3) Domeniu de fravență Microfon intern 20 - 20.000 Hz Funcție de înregistrare În fișier separat fiecare înregistrare Interfețe INPUT Mufă mini-jack 3.5 Ț mm, impedanță 2 kΩ, stocare USB Interfețe IEȘIRE 150 mW (difuzor 8 Ω), mufă jack 3.5 mm, impedanță 8Ω sau mai mult Suport stocare intern</p>

				Memorie internă min. 4Gb Suport stocare portabil Slot Card microSD / microSDHC (512 MB - 16 GB) Sursă de alimentare Baterie: 1 x AAA Garanție Min. 12 luni
	LOTUL NR.27			
	Computator (Serviciul Medical)			
	Computator	Set	30.00	1 Computator Platform SFF Desktop/Minitower/Tower set 30 CPU Min 2-cores Processor, min. Generatia 7, Frecventa de baza min. 3,0 GHz, min 3MB cache, 14 nm, max 54W) MB Support sokets compatibil cu CPU, RAM up to 32GB, VGA/DVI/ HDVI, 2xSATA 3.0GB/s, 2xSATA 6.0Gb/s, 2xUSB2.0, 4xUSB3.0, 1xGbit LAN, support min 2x DDR3/DDR4 slots RAM Min. 4GB compatibilă cu placa de bază HDD SATA 500 GB, 7200 RPM SATA Videocard Integrated Network Integrated, Supports 10/100/1000Mbps Optical drive DVDR+22x/-22x, RW+8x/-6x, SATA, black Sound card Integrated Ports 6x USB (2x front, 4x rear), VGA/DVI/ HDVI compatibil cu monitorul , 2xPS2 optional, Audio, Lan RJ45 Keyboard PS/2&USB, Eng/Rus/Rom Mouse PS/2&USB, optical, scrolling Spikers 2x2W, Black/Silver Power Supply Min. 500W, (în cazurile computatoarelor Brand - blocul de alimentare conform

				<p>recomandărilor producătorilor) Surge protector 220V, 5 sockets, 5 m Monitor Tip ecran: LED sau echivalent Formatul ecranului: Wide (formatul imaginii: 16:9) Mărime: Min. 21,5 inch; Rezoluție: 1920 x 1080 pixeli; Reproducere culori: Min. 16 milioane; Raportul de contrast: Min.1000:1 (static); Luminozitate tipică: 250 ~ 300 cd/m; Unghi maxim de vizibilitate orizontală/verticală:160°/160° sau 170°/160° Conectivitate: VGA și DisplayPort Accesorii: Livrat cu cablu de conexiune și cablu de alimentare. UPS Min. 800VA, 210-230V; USB port for management Security 1. Activare/dezactivare port serial, USB (prin BIOS) 2. Parolă de pornire (prin BIOS) 3. Parolă de configurare (prin BIOS) OS/Software Microsoft Windows 10 Professional 64-bit OEM Antivirus 1 years Warranty Min.1 years, including UPS and Monitor</p>
	LOTUL NR.28			
	Imprimantă laser (Serviciul Medical)			
	IMPRIMANTĂ LASER DE BIROU ALB/NEGRU	Bucată	20.00	<p>Functii disponibile Imprimantă Tehnologie de printare Monocrom Tehnologie de printare Laser Ciclu de utilizare, lunar 8000 pagini Format A4 Rezolutie printare alb/negru 1200dpi Calitatea imprimării alb/negru Până la 2400 x 600 dpi cu</p>

				<p>rafinare automată a imaginii Viteza de printare alb/negru 18 ppm Număr de culori 1 Număr de cartușe 1 Capacitate memorie Min 8 Mb Interfețe USB 2.0 Hi-Speed Timp de imprimare a prim pag. Max. 7,8 sec Tip de suport material Hârtie simplă, groasă, reciclată, folii transparente, etichete, plicuri Greutatea hârtiei 60 - 163 g/m² Cartuș alb/negru min 1600 file la 5% Compatibilitate cu sisteme de operare Windows XP/7/8/10/Server 2008/Server 2012 Accesorii Cablu 220v – 1 buc., cablu USB 2.0 3m – 1 buc. Cartuș de rezervă Min 1600 file – 1 buc. Garanție Minim 12 luni pentru componente, manoperă și servicii la atelier</p>
	LOTUL NR.29			
	Imprimantă multifuncțională (Serviciul Medical)			
	IMPRIMANTĂ MULTIFUNCȚIONALĂ LASER DE BIROU ALB/NEGRU	Bucată	6.00	<p>Funcții disponibile Imprimanta/Scanner/Copiator Tehnologie de printare Monocrom Tehnologie de printare Laser Ciclu de utilizare, lunar 8000 pagini Format A4 Rezoluție printare alb/negru 1200dpi Calitatea imprimării alb/negru Până la 2400 x 600 dpi cu rafinare automată a imaginii Viteza de printare alb/negru 23 ppm Tip scanner Comprimat, color, cu suport plat și alimentator automat de documente (ADF) – adițional la necesitatea</p>

				<p>utilizatorului Rezoluție scanner 600x600 Dpi Micșorare/mărire 25-400 % Număr de culori 1 Număr de cartușe 1 Capacitate memorie Min 256 Mb Interfețe Ethernet (RJ-45), USB 2.0 Hi-Speed Timp de imprimare a prim pag. Max. 6 sec Timp de ieșire a primei copii Max. 9 sec Tip de suport material Hârtie simplă, groasă, reciclată, folii transparente, etichete, plicuri Greutatea hârtiei 60 - 163 g/m² Cartuș alb/negru min 2400 file la 5% Compatibilitate cu sisteme de operare Windows XP/7/8/10/Server 2008/Server 2012 Accesorii cablu 220v – 1 buc., cablu USB 2.0 3m – 1 buc. Cartuș de rezervă Min 2400 file – 1 buc. Garanție Minim 12 luni pentru componente, manoperă și servicii la atelier</p>
	LOTUL NR.30			
	Telefon Fax (Serviciul Medical)			
	Telefon fax	Bucat ă	1.00	<p>Informații generale • Culoare negru • Receptor cu fir • Garanție 24 luni Memorie • Memorie numere apelate 100 Funcții • Caller ID da • Funcția copiator da • Reapelare automata da • Speakerphone da Principale • Tip imprimare transfer termic • Tip hârtie rulou • Tăierea automată a hârtiei</p>
	LOTUL NR.31			
	Accesorii (Serviciul			

	Medical)			
	Mouse	Bucat ă	30.00	usb
	Keyboard	Bucat ă	30.00	usb
	Power cord PC 220V	Bucat ă	15.00	1,8m
	VGA cable	Bucat ă	10.00	Tip cablu: VGA-VGA Lungimea: 1.8m
	Prelungitoare 220V(Surge protector)	Bucat ă	10.00	220V, 50Hz, 2000W, 5 sockets, 5 m
	Sursă de alimentare neîntreruptibilă tip UPS	Bucat ă	12.00	Putere maximă (VA) – 800 Tensiune intrare (V) - 220-240 Tensiune ieșire (V) - 220 Frecvența ieșire (Hz) – 50/60+/- 1% Baterie 1x 12V/7ah
	LOTUL NR.32			
	Accesorii calculator MAI			
	Accesorii pentru calculator HDD tip SSD	Bucat ă	1.00	tip. SSD, Intern Form Factor: 2,5 inch Interfata SATA III Capacitatea min. 240 Gb Viteza de lucru: Citire: min. 520Mb/s Scriere: min. 320 Mb/s
	LOTUL NR.33			
	Laptop MAI			
	Laptop MAI	Bucat ă	5.00	Specificatii tehnice (Laptop 2 in 1 Microsoft Surface Book 2) Software Windows 10 Pro Creators Update 64-bit Office 365 30-day trial Dimensions 13.5” (i7) 12.3 x 9.14 x 0.59– 0.90 in. (312.0 x 232.00 x 15.00–23.00 mm) Weight 13.5”: Starting at 3.38 lbs (1,534 g) including keyboard Hard drive size Solid state drive (SSD) options: 512GB Display Screen: 13.5”

				PixelSense Display Resolution: 3000 x 2000, (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1600:1 Touch: 10-point multi-touch G5 Battery Up to 17 hours of video playback1 Keyboard QWERTY Processor 8th Gen Intel Core i7-8650U (quad-core) with up to 4.20 GHz Max Turbo Graphics NVIDIA GeForce GTX 1050 discrete GPU w/2GB GDDR5 graphics memory Security HW TPM 2.0 chip for enterprise security Enterprise-grade protection with Windows Hello face sign-in Memory 8GB RAM 1866Mhz LPDDR3 Wireless Wi-Fi: 802.11ac Bluetooth: BT4.1 LE Xbox Wireless built-in (15" only) Ports 2 USB 3.0 Type A USB Type-C UHS-II SDXC card reader 3.5mm headphone jack 2 Surface Connect Camera Windows Hello face authentication camera (front-facing) 5.0MP front-facing camera with 1080p HD video 8.0MP rear-facing autofocus camera with 1080p Full HD video Video 5.0MP front-facing camera with 1080p HD video 8.0MP rear-facing autofocus camera with 1080p Full HD video Audio Dual microphones Front-facing stereo speakers with Dolby Audio Premium Exterior Casing: Magnesium Color: Silver Physical buttons: Volume, Power Warranty 1-year limited hardware
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				warranty Screen size Screen: 13.5" PixelSense Display Resolution: 3000 x 2000, (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1600:1 Touch: 10-point multi-touch G5
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LOTUL NR. 34

Imprimanta CIPAL

Denumirea	Cantitatea	Descrierea tehnică
Color Printer Corporate Class (Brand Name International)	1 set	<p>Type Laser Duty Cycle: min. 100 k pages Monthly Memory: min. 1GB HDD: min. 300GB with AES256 Encryption Print speed: min.45 ppm (color, A4) First Page Out: max. 6 sec Print resolution: 1200x1200 dpi (hardware resolution, without interpolation) Printer Features: Duplex Printing; Print area max 5 mm per each side; Print Preview Print languages support: Postscript level 3; PCL6 Connectivity: min. Hi-Speed Device USB; 2x Host USB; Gigabit Ethernet Paper Handling:: Input Trays - min. 2 Trays with min. 100 pages capacity; support installation min. 1x additional Tray Paper format support: A3; A4; A5; A6; Envelopes (B5, C5, C6, DL) Management: min. LCD Touch Display; Monthly/Weekly/Daily reports on users/type of job/consumables Security: Kerberos Authentication; SSL/TLS Consumables: Original Cartridges/Toner/Drum etc for 30k pages; support toner cartridges with capacity up to 20k pages Warranty: 3 Years (Type and warranty period should be available on the official website of the manufacturer or in the form of the original document with the manufacturer's stamp and the serial numbers of the equipment; Any other confirmation of the warantee will be rejected). Including an additional spare cartridge set.</p>

LISTA ACTELOR CE URMEAZA A FI PREZENTATE

Nr. d/o	Denumirea documentului/cerinței	Cerințe suplimentare față de document	Obligativitatea
1	Neimplicarea în practici frauduloase și de corupere	Declarație pe proprie răspundere conform Formularului F. 3.4	DA
2	Dovada înregistrării persoanei juridice, în conformitate cu prevederile legale din țara în care ofertantul este stabilit	Certificat/decizie de înregistrare a întreprinderii/extras din Registrul de Stat al persoanelor juridice	DA
3	Oferta	Formularul 3.1	DA
4	Informații generale despre ofertant	Formularul informativ despre ofertant conform Formularului 3.3	DA
5	Raportul financiar	Raportul financiar	DA
6	Minim ani de experiență specifică în livrarea bunurilor și/sau serviciilor similare	3 ani	DA
7	garanția pentru oferta -1 %	Cont bancar TREZMD2X3311401 C/IBAN MD50TRPCAA518410B00438AA	DA
8	Rechizite bancare ale participantului	Rechizite bancare ale participantului	DA
9	Certificat de efectuare sistematică a plății impozitelor, contribuțiilor	eliberat de Inspectoratul Fiscal (valabilitatea certificatului - conform cerințelor Inspectoratului Fiscal al Republicii Moldova), confirmată prin aplicarea semnăturii și ștampilei Participantului	DA
10	Specificații tehnice (F4.1.)	confirmat prin aplicarea semnăturii și ștampilei Participantului	DA
11	Specificații de preț (F4.2.)	confirmat prin aplicarea semnăturii și ștampilei Participantului	DA
12	Certificate de calitate sau conformitate pentru bunurile propuse	confirmat prin aplicarea semnăturii și ștampilei Participantului	DA
13	Termen de livrare	Până la date de 25.12.2018	DA