

Specificații tehnice

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

Numărul procedurii de achiziție ocds-b3wdp1-MD-1784636083445 din 21.07.2026
Obiectul achiziției: Camere video, sistem supraveghere video integrat conform necesității instituțiilor de învățământ subordonate DETS Botanica

Denumirea bunurilor/serviciilor	Denumirea modelului bunului/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
Bunuri/servicii						
Lotul 1						
Cablu extern FTP Cat.6	Cablu extern FTP Cat.6	China	Lanitron	Cablu extern FTP Cat.6 4P CU Solid Outdoor, cu tross de susținere, HF (Halogen Free) Cablu FTP Categoria 6 destinat instalațiilor exterioare, prevăzut cu 4 perechi torsadate și ecranaj general din folie de aluminiu pentru protecție împotriva interferențelor electromagnetice (EMI). Conductori realizați din cupru masiv (Solid Copper) cu diametrul de 0,57 mm (23 AWG). Echipat cu tross metalic integrat pentru montaj aerian și susținere mecanică suplimentară.	Cablu extern FTP Cat.6 4P CU Solid Outdoor. Cablu FTP Categoria 6 destinat instalațiilor exterioare, prevăzut cu 4 perechi torsadate și ecranaj general din folie de aluminiu pentru protecție împotriva interferențelor electromagnetice (EMI). Conductori realizați din cupru masiv (Solid Copper) cu diametrul de 0,57 mm (23 AWG).	
Cablu FTP Cat.6	Cablu FTP Cat.6	China	Lanitron	Cablu FTP Cat.6 4P CU, HF (Halogen Free) Interior	Cablu FTP Cat.6 4P CU, HF (Halogen Free) Interior	
Cablu optic cu 4 Fire	Cablu optic cu 4 Fire	China	Lanitron	Cablu optic cu 4 Fire Atenuare: 1310nm ≤0,36 db/km Atenuare: 1550nm ≤0,22 db/km Rezultatul testului: Trecut	Cablu optic cu 4 Fire Atenuare: 1310nm ≤0,36 db/km Atenuare: 1550nm ≤0,22 db/km Rezultatul testului: Trecut	

Cablu Alimentare	Cablu Alimentare	China	Lanitron	Cablu Alimentare VVGnG 3x1.5 LS Secțiune 1.5 mm ² Numărul de fire 3 * Culoare Negru Tip material Cupru Temperatura mediului ambiant la exploatare de la -50°C pînă la +50°C Temperatura maximă de încălzire a firelor +70°C	Cablu Alimentare VVGnG 3x1.5 LS Secțiune 1.5 mm ² Numărul de fire 3 * Culoare Negru Tip material Cupru Temperatura mediului ambiant la exploatare de la -50°C pînă la +50°C Temperatura maximă de încălzire a firelor +70°C	
Materiale de Fixare cablu si echipament	Materiale de Fixare cablu si echipament	China	Lanitron	Materiale de Fixare cablu si echipament	Materiale de Fixare cablu si echipament	
Conector terminal de fibra optica 2.5	Conector terminal de fibra optica 2.5	China	Lanitron	Conector terminal de fibra optica 2.5	Conector terminal de fibra optica 2.5	
Box optic terminal de abonat 1 si 2 fibre (FTTH)	Box optic terminal de abonat 1 si 2 fibre (FTTH)	China	Lanitron	Box optic terminal de abonat 1 si 2 fibre (FTTH)	Box optic terminal de abonat 1 si 2 fibre (FTTH)	
FO Patch-cord	FO Patch-cord	China	Lanitron	FO Patch-cord	FO Patch-cord	
SFP module	SFP module	China	Lanitron	SFP module	SFP module	
Conector RJ-45	Conector RJ-45	China	Lanitron	Conector RJ-45	Conector RJ-45	
Network Camera 8 MP	DH-IPC-HFW2849S-S-IL	China	Dahua	8 MP Smart Hybrid Light with ColorVu Fixed Mini Bullet Network Camera HikAI-ISP for excellent noise reduction effect 24/7 colorful imaging via ColorVu technology Scene-adaptive WDR Focus on Person and Vehicle classification based on deep learning Built-in arrayed dual-microphone for real-time high quality audio security Provide real-time security via built-in two-way audio Anti-corrosion design, providing reliability and longevity compared to standard (NEMA4X) Smart Hybrid Light: Integrates IR and White lights, 3 supplemental lighting modes Water and dust resistant (IP67) Active strobe light and audio alarm to warn intruders off Image Sensor	8MP Smart Dual Light Fixed-focal Bullet WizSense Network Camera for excellent noise reduction effect 24/7 Full-color technology Scene-adaptive WDR Focus on Person and Vehicle classification based on deep learning Built-in arrayed dual-microphone for real-time high quality audio security Anti-corrosion design, providing reliability and longevity compared to standard (NEMA4X) Integrates IR and White lights, Water and dust resistant (IP67) Active strobe light and audio alarm to warn intruders off Image Sensor 1/2.7" Progressive Scan CMOS	

				1/1.8" Progressive Scan CMOS Max. Resolution 3840 × 2160 Min. Illumination Color: 0.0005 Lux @ (F1.0, AGC ON),0 Lux with light Shutter Time 1 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0° to 360°,tilt: 0° to 90°,rotate: 0° to 360° Deep Learning Function Face Capture Yes Perimeter Protection Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) Material Front cover: Metal, body: Metal, bracket: Metal Power 12 VDC ± 25%, 1.25 A, max. 15 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 18 W	Max. Resolution 3840 × 2160 Min. Illumination Color: 0.0008 Lux @ (F1.6, AGC ON),0 Lux with light Shutter Time 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0° to 360°,tilt: 0° to 90°,rotate: 0° to 360° Deep Learning Function Face Capture Yes Perimeter Protection Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) Material Front cover: Metal, body: Metal, bracket: Metal Power 12 VDC/PoE (802.3af) Max. (H.265+ max. resolution + max. stream+ WDR + warm light intensity + IVS): 5 W (12 VDC); 5.9 W (PoE) Warranty 3 years	
Camera Video pentru Interior	IPC-HDW2849T-S-IL	China	Dahua	Camera Video pentru Interior cu parametrii minimi 8 MP Network Turret Camera with Smart Hybrid Light and ColorVu Technology 8 Megapixel network turret camera featuring Smart Hybrid Light technology and 24/7 full-color imaging. Designed for high-quality video surveillance in residential, commercial and industrial applications, providing excellent image clarity in low-light and nighttime conditions. Intelligent Functions Human and vehicle classification based on deep learning algorithms Line crossing detection Intrusion detection Region entrance detection	8MP Smart Dual Light Fixed-focal Eyeball WizSense Network Camera and Full Color Technology 24/7 full-color imaging. Designed for high-quality video surveillance in residential, commercial and industrial applications, providing excellent image clarity in low-light and nighttime conditions. Intelligent Functions Human and vehicle classification based on deep learning algorithms Line crossing detection Intrusion detection Region entrance detection Region exit detection	

				Region exit detection Motion detection with intelligent filtering Push alarm notifications to mobile devices Video Maximum resolution: 3840 × 2160 (8 MP) High-performance progressive scan CMOS image sensor Full-color imaging 24 hours a day Excellent low-light sensitivity True WDR 120 dB BLC, HLC and 3D DNR image enhancement technologies Multi-stream support Video compression: H.265+, H.265, H.264+, H.264 and MJPEG Lens Fixed focal lens Wide viewing angle for comprehensive area coverage Audio Built-in microphone High-quality audio recording synchronized with video streams Illumination Smart Hybrid Light technology IR illumination for discreet night monitoring White light illumination for full-color night imaging Automatic switching between illumination modes according to scene conditions Illumination range up to 30 m Storage and Network MicroSD/SDHC/SDXC card support (depending on configuration) Ethernet network interface Remote access via web browser, software platform and mobile application Power 12 VDC power supply PoE (Power over Ethernet) support according to IEEE 802.3af standard	Motion detection with intelligent filtering Push alarm notifications to mobile devices Video Maximum resolution: 3840 × 2160 (8 MP) High-performance progressive scan CMOS image sensor Full-color imaging 24 hours a day Excellent low-light sensitivity True WDR 120 dB BLC, HLC and 3D DNR image enhancement technologies Multi-stream support Video compression: H.265+, H.265, H.264+, H.264 and MJPEG Lens Fixed focal lens Wide viewing angle for comprehensive area coverage Audio Built-in microphone High-quality audio recording synchronized with video streams Illumination Smart Light technology IR illumination for discreet night monitoring White light illumination for full-color night imaging Automatic switching between illumination modes according to scene conditions Illumination range up to 30 m Storage and Network FTP; SFTP; Micro SD card (support max. 256 GB); NAS Ethernet network interface Remote access via web browser, software platform and mobile application Power 12 VDC/PoE (802.3af)	
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				Environmental IP67-rated weatherproof housing Suitable for indoor and outdoor installation Operating temperature range from -30°C to +60°C Applications Commercial buildings Hotels and hospitality facilities Industrial sites Educational institutions Residential complexes Perimeter and parking area monitoring Warranty 3-year manufacturer warranty	PoE (Power over Ethernet) support according to IEEE 802.3af standard Environmental IP67-rated weatherproof housing Suitable for indoor and outdoor installation Operating temperature range from -40°C to +60°C Applications Commercial buildings Hotels and hospitality facilities Industrial sites Educational institutions Residential complexes Perimeter and parking area monitoring Warranty 3-year manufacturer warranty	
Comutator de retea de 24 porturi	DH-S3226-24ET-240	China	Dahua	Comutator de retea de 24 porturi cu parametrii minim 24-Port Smart Monitoring PoE+ Switch for Video Surveillance Networks Managed Smart Monitoring PoE+ switch designed for IP video surveillance and security network applications. Provides simultaneous data transmission and power delivery over Ethernet with extended transmission distance of up to 300 m in long-range mode. Ports and Connectivity 24 × 10/100 Mbps PoE+ RJ45 ports 2 × Gigabit Combo ports Extended PoE transmission distance up to 300 m Simultaneous power and data transmission over a single Ethernet cable PoE Features IEEE 802.3af and IEEE 802.3at compliant Maximum PoE output per port: 30 W Total PoE power budget: 370 W Priority power allocation on ports 1–8 Supports power delivery over Ethernet cable pairs 1/2, 3/6 and 4/5, 7/8 Smart Monitoring Functions	26-Port Unmanaged Desktop Switch with 24-Port PoE designed for IP video surveillance and security network applications. Provides simultaneous data transmission and power delivery over Ethernet with extended transmission distance of up to 300 m in long-range mode. Ports and Connectivity 24 × 10/100 Mbps PoE+ RJ45 ports 2 × Gigabit Combo ports Extended PoE transmission distance up to 300 m Simultaneous power and data transmission over a single Ethernet cable PoE Features IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt Maximum PoE output per port: 30 W Total PoE power budget: 240 W Port 1-2 ≤ 90 W, Port 3-24 ≤ 30 W, total ≤ 240 W Smart Monitoring Functions Network topology visualization	

				Network topology visualization Network health monitoring and status overview Real-time bandwidth and traffic statistics Port utilization and line load monitoring Alarm and event notifications Remote switch reboot capability Remote individual port restart Event and system log management Integrated live camera view support Performance Switching capacity: 8.8 Gbps Optimized for stable video and data transmission Reliable operation in high-density surveillance deployments Protection 6 kV surge protection Enhanced protection against lightning-induced electrical surges Power Supply Input voltage: AC 220 V Environmental Fanless design for silent operation and increased reliability Operating temperature: -10°C to +55°C Physical Characteristics Dimensions: 440 × 221 × 44 mm Rack-mountable metal enclosure Applications IP video surveillance systems Security and monitoring networks Commercial and industrial facilities Critical infrastructure installations Building Management Systems (BMS) Access control and integrated security platforms Warranty 3-year manufacturer warranty	Network health monitoring and status overview Real-time bandwidth and traffic statistics Port utilization and line load monitoring Alarm and event notifications Remote switch reboot capability Remote individual port restart Event and system log management Integrated live camera view support Performance Switching capacity: 8.8 Gbps Optimized for stable video and data transmission Reliable operation in high-density surveillance deployments Protection: Air discharge: 8 kV; Contact discharge: 6 kV Enhanced protection against lightning-induced electrical surges Power Supply Input voltage: AC 220 V Environmental Fanless design for silent operation and increased reliability Operating temperature: -10°C to +55°C Physical Characteristics Dimensions: 440 × 220 × 44 mm Rack-mountable metal enclosure Applications IP video surveillance systems Security and monitoring networks Commercial and industrial facilities Critical infrastructure installations Building Management Systems (BMS) Access control and integrated security platforms Warranty 3-year manufacturer warranty	
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Comutator de retea cu 8 porturi	PFS3210-8GT2GF-96	China	Dahua	Comutator de retea cu 8 porturi cu parametrii minim; SWITCH POE • Switch PoE 8 canale • Putere totala 110W • Distanța de transmisie max. 300 metri • Suporta management de putere PoE • 8 Porturi PoE 10/100 Mbps • 1 Port Ethernet 1000 Mbps • 1 Port SFP 1000 Mbps	10-Port Unmanaged Desktop Gigabit Switch with 8-Port PoE Comutator de retea cu 10 porturi cu parametrii; SWITCH POE • Switch PoE 10 canale • Putere totala 100W • Distanța de transmisie max. 250 metri • Suporta management de putere PoE • 8 Porturi Ethernet PoE 10/100/1000 Mbps • 2 Port SFP 1000 Mbps	
NVR de 64 canale	NVR5464-EI	China	Dahua	NVR de 64 canale si 4 spatii pentru HDD pana la 16TB cu parametrii minimi H.265+/H.265/H.264+/H.264 video formats Intelligent analytics based on Guanlan Large-Scale AI Models Up to 64-ch AcuSeek and AcuSearch function Up to 8-ch facial recognition for face picture Up to 64-ch IP camera inputs Up to 32-ch 1080p decoding capability Up to 8-ch IP speakers can be connected AI by NVR Facial recognition AI by NVR and Camera Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection 2.0, ANPR, people counting, AcuSeek Video Output Mode HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output CVBS Output NA Audio Output 2-ch, RCA (Linear, 1 KΩ) Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ) HDMI 1 Output	Dahua 64CH 4HDD 1.5U NETWORK VIDEO RECORDER NVR de 64 canale si 4 spatii pentru HDD pana la 16TB cu parametrii minimi H.265+/H.265/H.264+/H.264, MJPEG video formats Intelligent analytics based on AI Models AI disabled: 2-channel 32 MP@25 fps; 2-channel 24 MP@25 fps; 4-channel 16 MP@30 fps; 5-channel 12 MP@30 fps; 8-channel 8 MP@30 fps; 10-channel 6 MP@30 fps; 12-channel 5 MP@30 fps; 16-channel 4 MP@30 fps; 32-channel 1080p@30 fps AI enabled: 1-channel 32 MP@25 fps; 1-channel 24 MP@25 fps; 2-channel 16 MP@30 fps; 4-channel 12 MP@30 fps; 6-channel 8 MP@30 fps; 8-channel 6 MP@30 fps; 8-channel 5 MP@30 fps; 12-channel 4 MP@30 fps; 24-channel 1080p@30 fps 64 channels - Access Channel Up to 8-ch Metadata Performance of AI by Camera	

				4K (3840×2160) /30Hz, 2K (2560×1440) /60Hz, 1080P (1920×1080) /60Hz, 720P (1280×720) /60Hz Stream Type Video, Video & Audio	Max. 32-channel, 1 combined event per channel/s - AcuPick AI by Camera + Recorder 4 ch- perimeter protection, 10 IVS rules for each channel 2 ch. - Face Detection Performance of AI by Recorder (Number of Channels) 16 ch. - Face Detection Performance of AI by Camera (Number of Channels) AI by NVR Facial recognition AI by NVR and Camera Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection 2.0, ANPR, people counting, AcuSeek Video Output Mode 2 VGA, 2 HDMI VGA:1920 × 1080, 1280 × 1024, 1280 × 720 HDMI:3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 Heterogeneous video source output for HDMI1 and HDMI2 Simultaneous video source output for VGA1 and HDMI1 Simultaneous video source output for VGA2 and HDMI2 CVBS Output NA Audio Output 2-channel RCA Stream Type Video, Video & Audio	
Switch (comutator de rețea)	RB5009UG+S+IN	Lituania	Mikrotik	Switch (comutator de rețea) Layer 3 managed switch Cantitatea porturilor minimala – 12 Minim 2 porturi Gigabit Ethernet sau 2 porturi SPF cu module RJ45 Gigabit Ethernet instalate Minim 10 porturi Gigabit SFP și/sau 10Gigabit SFP Suportă implementarea în rețele IPv6 și IPv4 Inspecție ARP, IP Source Guard, protecție DoS, securitate porturi și DHCP Snooping	Switch (comutator de rețea) Layer 3 managed switch Cantitatea porturilor– 8 1 porturi Gigabit Ethernet 1 port SFP Suportă implementarea în rețele IPv6 și IPv4 Inspecție ARP, IP Source Guard, protecție DoS, securitate porturi și DHCP Snooping	

				Controler încorporat pentru gestionarea comutatorului; QoS încorporat permite prioritizarea traficului de rețea.		
Unitate de stocare	HDD Western Digital WD 16 TB	SUA	Western Digital	Unitate de stocare Unitate HDD Western Digital WD 16 TB Tip unitate de stocare Unitate HDD Sistem de stocare a datelor 3.5" Capacitate memorie 16 TB Dimensiune memorie tampon (cache) 512 MB Interfață SSD SATA-3 (6 Gb/s)	Unitate de stocare Unitate HDD Western Digital WD 16 TB Tip unitate de stocare Unitate HDD Sistem de stocare a datelor 3.5" Capacitate memorie 16 TB Dimensiune memorie tampon (cache) 512 MB Interfață SSD SATA-3 (6 Gb/s)	
Calculator	Sistem asamblat	Producatori multipli(Taiwan, Coreea de Sud, SUA)	Sistem asamblat	Calculator Monitorizare Video (set) Monitor: diagonala 32 inch, rezolutia minima 2K, HDMI, DisplayPort PC, cerinte minimale: CPU 8 nuclee 3.7 GHz fiecare, placa de baza cu interfate HDMI si DisplayPort, RAM 16 GB, SSD 128 GB, HDD 1000 GB, PSU – 550W Tastatura USB, Mouse USB UPS 800VA/480W, Line Interactive, AVR, LED, 2xShuko Sockets	Calculator Monitorizare Video (set) Monitor: diagonala 32 inch, rezolutia 2K, HDMI, DisplayPort PC, cerinte minimale: CPU 8 nuclee 3.7 GHz fiecare, placa de baza cu interfate HDMI si DisplayPort, RAM 16 GB, SSD 128 GB, HDD 1000 GB, PSU – 550W Tastatura USB, Mouse USB UPS 800VA/480W, Line Interactive, AVR, LED, 2xShuko Sockets	
Televizor	55" MiniLED SMART 55C61KS	China	TCL Technology	Televizor pentru post de monitorizare 55" LED SMART TV TCL	Televizor pentru post de monitorizare 55" MiniLED SMART 55C61KS	
UPS	KeorSPER/T 2U3000VA	Franta	Legrand	Sursa de Alimentare de Rezerva Tip UPS: linie interactivă, undă sinusoidală pură Intrare: 220V AC ± 25%, 50Hz / 60Hz ± 10% Ieșire: 220V AC ± 10%, 50Hz / 60Hz ± 0,5% (pe baterie) Prize: intrare IEC C14, ieșiri: Schuko tip EU x 1 buc, IEC C13 x 6 buc Condiții de funcționare: 0°C~40°C, la umiditate 10~90%RH fără condensare Zgomot: < 45 dB (la 1 metru distanta) Putere: 3000 VA (2400 W) Dimensiuni: 440 x 410 x 132 mm	Sursa de Alimentare de Rezerva Tip UPS: linie interactivă, undă sinusoidală pură Intrare: 220V AC ± 25%, 50Hz / 60Hz ± 10% Ieșire: 220V AC ± 10%, 50Hz / 60Hz ± 0,5% (pe baterie) Prize 2 x (4 x IEC 320-C13) + (1 x IEC 320-C19) (1-groupprogrammable) Condiții de funcționare: 0°C~40°C, la umiditate 10~90%RH fără condensare Zgomot: < 55 dB (la 1 metru distanta) Putere: 3000 VA (2700 W) Dimensiuni: 440 x 88x 600 mm	

Dulap Metalic	Dulap Metalic	China	Lanitron	Dulap Metalic 800x600x250		
Dulap de Telecomunicatii	Dulap de Telecomunicatii	China	Lanitron	Dulap de Telecomunicatii Dulap de perete 9U pentru echipamente de rețea cu ușă frontală blocabilă din sticlă câlită, panouri laterale detașabile și deschideri de ventilație pentru răcirea echipamentelor. Capacitate maximă de încărcare de 60 kg. Ușă frontală din sticlă blocabilă. Nivel de protecție IP20. Lățime - 600 mm, adâncime - 450 mm, înălțime - 501 mm. Material - oțel laminat la rece.	Dulap de Telecomunicatii Dulap de perete 9U pentru echipamente de rețea cu ușă frontală blocabilă din sticlă câlită, panouri laterale detașabile și deschideri de ventilație pentru răcirea echipamentelor. Capacitate maximă de încărcare de 60 kg. Ușă frontală din sticlă blocabilă. Nivel de protecție IP20. Lățime - 600 mm, adâncime - 450 mm, înălțime - 501 mm. Material - oțel laminat la rece.	
Elemente de Fixare compatibile cu sistemul	Elemente de Fixare compatibile cu sistemul	China	Lanitron	Elemente de Fixare compatibile cu sistemul	Elemente de Fixare compatibile cu sistemul	
Soft de Monitorizare Video+Paza+ Module	Soft de Monitorizare	China	Dahua	Soft de Monitorizare Video+Paza+ Module	Soft de Monitorizare Video+Paza+ Module	
Servicii de trasare cabluri, instalare si configurare echipamente.	Servicii de trasare cabluri, instalare si configurare echipamente.	Moldova	SC Rapid Link SRL	Servicii de trasare cabluri, instalare si configurare echipamente.	Servicii de trasare cabluri, instalare si configurare echipamente.	
Centrala de acces Biometrica la intrarile pe teritoriu	DHI-ASI6213S	China	Dahua	Multifactor Biometric Access Control and Time Attendance Terminal with Face Recognition Advanced biometric access control and time attendance terminal based on deep learning facial recognition technology. Designed for secure identification, workforce management and integration with access control, video surveillance and IP intercom systems. Authentication Methods Facial recognition MIFARE card authentication QR code authentication Multi-factor authentication support Facial Recognition Technology Deep learning-based face recognition engine Dual-lens wide-angle camera system	4.3 inch glass touch screen with a resolution of 272 × 480. · 2-MP wide-angle dual-lens camera with IR illumination and DWDR. · Multiple unlock methods including face, card and password. · Supports 6,000 users, 6,000 faces, 6,000 passwords, 10,000 cards, 50 administrators, and 300,000 records. · Recognizes faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft); face recognition accuracy rate of 99.9% and the 1:N comparison time is 0.2 s per person. · Supports improved security and to protect against the device being forcefully opened, security module expansion is supported. · Features face mask detection	

				2 MP image resolution Advanced anti-spoofing technology preventing access using photographs or other non-live facial images Face recognition in low-light and complete darkness with adjustable LED illumination Recognition distance: 0.3 m to 3 m Recognition time: less than 0.2 seconds Health and Safety Functions Face mask detection Configurable mask compliance policy with optional access denial or access permission Real-time notifications for non-compliance Display 7-inch HD LCD capacitive touchscreen Resolution: 1024 × 600 pixels Customizable promotional and informational display screens Audio and Communication Built-in microphone and speaker Two-way audio communication Integration with IP intercom systems Subscriber calling directly from the terminal Database Capacity Up to 6,000 facial templates Up to 6,000 MIFARE cards Event storage capacity up to 50,000 records Network and Interfaces 10/100/1000 Mbps Ethernet interface RS-485 communication port Wiegand interface 2 × USB ports 2 alarm inputs 1 alarm output 2-pin power interface Access Control Features Door lock control Exit button connection Door status sensor connection Remote door opening	and safety helmet detection. · Manages attendance and exports attendance records. · Supports visitor QR code and doorbell function. · Supports making video calls and using the app to receive alarm notifications, remotely unlock doors and to perform other tasks. · TCP/IP connection. · IP65 rated. · Plays advertisements in video and image format. Face Recognition Height Range 1.1 m–2.0 m (3.61 ft–6.56 ft) Face Recognition Distance 0.3 m–1.5 m (0.98 ft–4.92 ft) Face Recognition Accuracy 99.9% Face Recognition Time 0.2 s User Capacity 6,000 Face Image Capacity 6,000 Card Capacity 10,000 Password Capacity 6,000 Record Capacity 300,000 Embedded Processor Button Type -Touch button Network Protocol UDP; TCP; IPv4; RTSP; SIP; P2P; RTP OSDP Protocol Interoperability CGI; ONVIF SDK and API 3-year manufacturer warranty	
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				Real-time monitoring and management Event logging and audit trail Standalone operation capability without external controller Video Integration Recording to Network Video Recorder (NVR) Real-time video viewing Integration with video surveillance platforms Operating System Embedded Linux operating system Power Supply 12 VDC, 2 A Environmental IP65-rated dust and water protection Operating temperature: -30°C to +60°C Physical Characteristics Dimensions: 239 × 117 × 33 mm Applications Office buildings Industrial facilities Educational institutions Hotels and hospitality facilities Critical infrastructure Government and commercial facilities Time attendance and workforce management systems Warranty 3-year manufacturer warranty		
Monitor	DHI-VTH2621GW-WP	China	Dahua	Monitor pentru Deschidere de la distanta cu parametrii minim 10.1" IP Indoor Touchscreen Control Monitor for Video Intercom and Security Management Advanced indoor IP control monitor featuring a 10.1-inch color touchscreen display and Android-based operating system. Designed for integrated management of video intercom, video surveillance, intrusion alarm and access control systems through a single user interface. Display 10.1-inch color IPS capacitive touchscreen	7" TFT capacitive touch screen, 1024 × 600 · 6-channel alarm input and 1-channel alarm output · Wi-Fi · Standard PoE · Door station and IPC monitor · H.265 and H.264 video decoding · High performance & cost-effective Main Processor- Embedded processor Operating System - Embedded Linux operating system Interoperability ONVIF; SDK Network Protocol RTSP; RTP; SIP; DNS; SSH ROM 128 MB RAM 128 MB	

				Resolution: 1024 × 600 pixels User-friendly graphical interface LED status illumination integrated into the lower edge of the monitor Operating System and Applications Android-based operating system Pre-installed security management application Centralized access to connected security devices Support for installation of third-party Android applications Integrated management of video surveillance, intercom and alarm systems Video Functions Live video viewing from IP cameras Playback of recorded video archives Reception of video alarm verification clips from intrusion alarm systems Real-time monitoring of connected security devices Video Intercom Functions Video call reception from outdoor stations Two-way audio communication Remote door release functionality Mobile application integration for receiving and answering calls remotely Door unlocking from mobile devices and monitor interface Dedicated physical door release button Audio Built-in microphone and speaker Full duplex two-way communication Noise suppression technology Echo cancellation technology Memory Internal storage: 8 GB RAM: 1 GB Interfaces 10/100 Mbps Ethernet interface Wi-Fi 802.11 b/g/n RS-485 communication interface 8 alarm inputs	CPU Dual core 1.2 GHz Screen Type - Capacitive Touchscreen Display 7" TFT Screen Resolution - 1024 × 600 Audio Compression G.711a; G.711u; PCM Audio Input - 1 Audio Output - Built-in speaker Audio Mode 2-way Audio Audio Enhancement - Echo suppression Audio Bit Rate - 116 bit Number of Extensions Villa: 9 Apartment: 4 Wi-Fi intercom: 1 main monitor, 2 extension monitors Wi-Fi Wireless Standard IEEE802.11b/802.11g/802.11n Wireless Frequency Range 2,412–2,472 MHz Wireless Security Encryption WPA/WPA2; WPA-PSK/WPA2-PSK Performance Casing PC + ABS Alarm Input - 6 Alarm Output - 1 Door Bell (use any alarm input port) Network One 10 /100 Mbps Ethernet Storage Micro SD Card, Max 64 GB (reserved for software) 3-year manufacturer warranty	
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				2 alarm outputs Tamper protection input Power Supply 12 VDC power input Maximum power consumption: 8 W IEEE 802.3af PoE support Environmental Operating temperature range: -10°C to +50°C Physical Characteristics Dimensions: 254 × 166 × 27 mm Applications Residential buildings Office and commercial facilities Hotels and hospitality environments Integrated security management systems Access control and video intercom installations Building Management Systems (BMS) Package Contents Indoor monitor unit Power supply not included Warranty 3-year manufacturer warranty		
Detector Magnetic	Detector Magnetic	China	Dahua	Detector Magnetic Pentru usi Metalice	Detector Magnetic Pentru usi Metalice	
Sursa de Alimentare	Sursa de Alimentare	China	Dahua	Sursa de Alimentare 12V/5A cu acumulator	Sursa de Alimentare 12V/5A cu acumulator	
Baterii, Cabluri, Structuri de Cablare, Materiale de fixare si lucrari Considerate in Sistemul De Supraveghere Video					Baterii, Cabluri, Structuri de Cablare, Materiale de fixare si lucrari Considerate in Sistemul De Supraveghere Video	
Lotul 2						
Camere de supraveghere cu instalare Gimnaziu Decebal	PC-HDW1839T-A-IL	China	Dahua	Categoria Camere IP Model dh-ipc-hdw1839T-A-IL Rezoluție, MPx8 Forma De tavan, EYEBALL Tip alimentare electrica 12V alimentare continua + PoE Loc salvare video NVR+FTP	Categoria Camere IP Rezoluție, MPx8 Forma De tavan, EYEBALL Tip alimentare electrica 12V alimentare continua + PoE Loc salvare video NVR+FTP Distanța IR, m30	

				Distanța IR, m30 Distanța LED, m30 Lentila, mm 2.8-3.6 Microfon Loc de amplasare Interior-Exterior Include toate accesorii necesare p/u funcționare. Instalarea, setarea și punerea în funcțiune a echipamentului, inclusiv materialele, cablurile și conectorii necesari precum și inițierea personalului pentru lucrul - se va efectua de operatorul economic. va fi conectat la toate rețelele necesare p/u funcționarea inclusiv rețelele electrice cu utilizarea cablului electric din contul operatorului economic de la unitatea de utilaj până la cutia de distribuire, inclusiv până la panoul central de distribuire cu includerea tuturor accesoriilor necesare (întrerupător diferențiat, demaror magnetic etc.) Livrarea la sediu instituției și instalarea (conectarea) din contul operatorului economic. Termen de livrare 20 zile după înregistrarea contractului. Garanție minim 2 ani.să efectueze deservirea tehnică pe parcursul termenului de garanție a utilajului livrat din contul operatorului economic conform pașaportului tehnic al producătorului.	Distanța LED, m30 Lentila, mm 2.8-3.6 Microfon Loc de amplasare Interior-Exterior Include toate accesorii necesare p/u funcționare. Instalarea, setarea și punerea în funcțiune a echipamentului, inclusiv materialele, cablurile și conectorii necesari precum și inițierea personalului pentru lucrul - se va efectua de operatorul economic SC Rapid Link SRL Va fi conectat la toate rețelele necesare p/u funcționarea inclusiv rețelele electrice cu utilizarea cablului electric din contul operatorului economic de la unitatea de utilaj până la cutia de distribuire, inclusiv până la panoul central de distribuire cu includerea tuturor accesoriilor necesare (întrerupător diferențiat, demaror magnetic etc.) Livrarea la sediu instituției și instalarea (conectarea) din contul operatorului economic. Termen de livrare 20 zile după înregistrarea contractului. Garanție 2 ani.să efectueze deservirea tehnică pe parcursul termenului de garanție a utilajului livrat din contul operatorului economic conform pașaportului tehnic al producătorului.	
Lotul 3						
Camere Școala Specială 12	Conform anuntului	China/Moldova	Dahua/SC Rapid Link SRL	Toate caracteristici tehnici sunt aproximative		

				<table><tr><td>1</td><td>Cable FTP Cat.5e outdoor cable, 24AWG 4X2X1/0.50 COPPER, double jacket, APC Electronic, 305m</td><td>buc</td><td>305.000</td></tr><tr><td>2</td><td>RJ45 Modular Plug 1.C-8P8C-001/100, Modular plug 8P8C for solid LAN cable, 30u" gold plated, 100 pcs/bag</td><td>buc</td><td>20.000</td></tr><tr><td>3</td><td>Prelungitor 4.5 m - Ultra Power UP3-B-15PPB, Black</td><td>buc</td><td>1.000</td></tr><tr><td>4</td><td>Cutie de distributie externa</td><td>buc</td><td>5.000</td></tr><tr><td>5</td><td>Canal pentru cablu inchis 25x25 (96m) 44025250</td><td>m</td><td>4.000</td></tr><tr><td>6</td><td>Surub cruce (pentru gips-lemn, 50buc/cuite))</td><td>buc</td><td>10.000</td></tr><tr><td>7</td><td>DIBLU ELCA P/T PLAT 12MM</td><td>buc</td><td>10.000</td></tr><tr><td>8</td><td>3.5" HDD 10.0TB Western Digital Purple Pro WD102PURP, Surveillance, 24/7, CMR, 7200rpm, SATA-512MB</td><td>buc</td><td>1.000</td></tr><tr><td>9</td><td>IP Camera DH-IPC-HDW2431TP-AS-0280B-S2 4 MP</td><td>buc</td><td>5.000</td></tr><tr><td>10</td><td>Video Registrator DHI-NVR5232-EI 32 Canale 2HDDx20TB</td><td>buc</td><td>1.000</td></tr><tr><td>11</td><td>Swichi DH-CS4010-8ET2GT-60 10-Port/8-Port Poe</td><td>buc</td><td>1.000</td></tr><tr><td>12</td><td>Trasarea Cablului (pe m)</td><td>buc</td><td>305.000</td></tr><tr><td>13</td><td>Trasarea Canalului de Plastic (m)</td><td>buc</td><td>4.000</td></tr><tr><td>14</td><td>Instalare si Configurare Camera IP</td><td>buc</td><td>5.000</td></tr><tr><td>15</td><td>Instalare si Montare Dulap pe perete</td><td>buc</td><td>1.000</td></tr><tr><td>16</td><td>Configurarea Router</td><td>buc</td><td>1.000</td></tr><tr><td>17</td><td>Configurarea Retelei (per comp)</td><td>buc</td><td>1.000</td></tr><tr><td>18</td><td>Inlaturarea defectelor minore PC</td><td>buc</td><td>1.000</td></tr><tr><td>19</td><td>Dulap pentru telecomunicatii (pe perete) 9U/600x450.gri</td><td>buc</td><td>1.000</td></tr></table> Include toate accesoriile necesare p/u funcționare. Instalarea, setarea si punerea in funcțiune a echipamentului, inclusiv materialele, cablurile si conectorii necesari precum si inițierea personalului pentru lucrul - se va efectua de operatorul economic. va fi conectat la toate rețelile necesare p/u funcționarea inclusiv rețelele electrice cu utilizarea cablului electric din contul operatorului economic de la unitatea de utilaj până la cutia de distribuire, inclusiv până la panoul central de distribuire cu includerea tuturor accesoriilor necesare (întrerupător diferențiat, demaror magnetic etc.) Livrarea la sediu instituției și instalarea (conectarea) din contul operatorului economic. Termen de livrare 20 zile după înregistrarea contractului. Garanție minim 2 ani. să efectueze deservirea tehnică pe parcursul termenului de garanție a utilajului livrat din contul operatorului economic conform pașaportului tehnic al producătorului.	1	Cable FTP Cat.5e outdoor cable, 24AWG 4X2X1/0.50 COPPER, double jacket, APC Electronic, 305m	buc	305.000	2	RJ45 Modular Plug 1.C-8P8C-001/100, Modular plug 8P8C for solid LAN cable, 30u" gold plated, 100 pcs/bag	buc	20.000	3	Prelungitor 4.5 m - Ultra Power UP3-B-15PPB, Black	buc	1.000	4	Cutie de distributie externa	buc	5.000	5	Canal pentru cablu inchis 25x25 (96m) 44025250	m	4.000	6	Surub cruce (pentru gips-lemn, 50buc/cuite))	buc	10.000	7	DIBLU ELCA P/T PLAT 12MM	buc	10.000	8	3.5" HDD 10.0TB Western Digital Purple Pro WD102PURP, Surveillance, 24/7, CMR, 7200rpm, SATA-512MB	buc	1.000	9	IP Camera DH-IPC-HDW2431TP-AS-0280B-S2 4 MP	buc	5.000	10	Video Registrator DHI-NVR5232-EI 32 Canale 2HDDx20TB	buc	1.000	11	Swichi DH-CS4010-8ET2GT-60 10-Port/8-Port Poe	buc	1.000	12	Trasarea Cablului (pe m)	buc	305.000	13	Trasarea Canalului de Plastic (m)	buc	4.000	14	Instalare si Configurare Camera IP	buc	5.000	15	Instalare si Montare Dulap pe perete	buc	1.000	16	Configurarea Router	buc	1.000	17	Configurarea Retelei (per comp)	buc	1.000	18	Inlaturarea defectelor minore PC	buc	1.000	19	Dulap pentru telecomunicatii (pe perete) 9U/600x450.gri	buc	1.000	1.Cable FTP Cat. 5e outdoor x 305 m 2.RJ45 Modular plug, LC-8P8C-001/100 x 20 buc 3.Prelungitor 4,5 m x 1 buc 4.Cutie de distributie externa x 5 buc 5.Canal pentru cablu inchis 25x25 x 4 m 6.Surub cruce, 50 buc/cutie x 10 buc 7.Diblu 12mm elca x 10 buc 8.HDD 10 Tb WD x 1 buc 9.DH-IPC-HDW2431TP-AS-0280B-S2 4MP x 5 buc 10.NVR DHI-NVR5232-EI 2HDDx20TB x 1 buc 11.SWITCH DH--CS4010-8ET2GT-60 x 1 buc 12.Trasarea cablului(pe m) x 305 buc 13.Trasarea cablului de plastic (m) x 4 buc 14.Instalare si configurare camera IP x 5 buc 15.Instalare si montare dulap pe perete x 1 buc 16.Configurare router x 1 buc 17.Configurarea retelei (per computer) x 1 buc 18.Inlaturarea efectelor minore PC buc x 1 buc 19.Diulap pentru telecomunicatii pe perete 9U x 1 buc Include toate accesoriile necesare p/u funcționare. Instalarea, setarea si punerea in funcțiune a echipamentului, inclusiv materialele, cablurile si conectorii necesari precum si inițierea personalului pentru lucrul - se va efectua de operatorul economic SC Rapid Link SRL va fi conectat la toate rețelile necesare p/u funcționarea inclusiv rețelele electrice cu utilizarea cablului electric din contul operatorului economic de la unitatea de
1	Cable FTP Cat.5e outdoor cable, 24AWG 4X2X1/0.50 COPPER, double jacket, APC Electronic, 305m	buc	305.000																																																																														
2	RJ45 Modular Plug 1.C-8P8C-001/100, Modular plug 8P8C for solid LAN cable, 30u" gold plated, 100 pcs/bag	buc	20.000																																																																														
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					utilaj până la cutia de distribuire, inclusiv până la panoul central de distribuire cu includerea tuturor accesoriilor necesare (întrerupător diferențiat, demaror magnetic etc.) Livrarea la sediu instituției și instalarea (conectarea) din contul operatorului economic. Termen de livrare 20 zile după înregistrarea contractului. Garanție 2 ani. să efectueze deservirea tehnică pe parcursul termenului de garanție a utilajului livrat din contul operatorului economic conform pașaportului tehnic al producătorului.	
TOTAL						

Semnat: _____ Numele, Prenumele: __Baciu Victor__ În calitate de: Administrator

Ofertantul: _SC Rapid Link SRL_ Adresa: _str.Gh. Asachi 71/7, Chisinau, Moldova_