

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__ 21077260 _____ din ____ 31 mart 2023 _____
Obiectul achiziției: Achiziționarea de sistem de supraveghere video (videoregistratoare, camere video, instalarea și configurarea echipamentelor de supraveghere)

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						
NVR-16 canale	Hikvision DS-7616NI-I2	China	Hangzhou Hikvision Digital Technology Co., Ltd.	16ch IP Network Video Recorder pentru camere IP, H.265/H.265+/H.264/H.264+/MPEG4. 160Mbs inbound bandwidth, 128 Remote connections, Outgoing bandwidth 256 Mbs, înregistrare pana la rezolutia de 12MP/camera, Maximum 16 camere IP, playback sincron local 16x1080p, audio IN/OUT 1/1, vizualizare prin retea FullHD, înregistreaza pe 2 HDD SATA neincluse, capacitate maxima/disc HDD 10TB, iesire HDMI 4K UltraHD 3840 × 2160 pixeli si VGA (FullHD 1080p, 1920x1080pixeli), Alarm in/out 4/1, 1 x USB3.0, 1 x USB2.0, 1RJ-45 10/100/1000Mbps self-adaptive Ethernet interface; 1U case, 19", alimentare 12Vcc, ONVIF ready; direct accesibil prin iPhone, android; direct accesibil de pe PC-uri	Up to 12 MP resolution: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled. Incoming Bandwidth 160 Mbps Outgoing Bandwidth 256 Mbps HDMI Output 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA Output 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz Video Output Mode HDMI/VGA independent output CVBS Output 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 Audio Output 1-ch, RCA (Linear, 1 KΩ) Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input) Decoding Format H.265+/H.265/H.264+/H.264/MPEG4 Recording Resolution 32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled. Synchronous Playback 16-ch Decoding Capability 1-ch@32 MP (30 fps)/2-ch@12 MP (20 fps)/4-ch@8 MP (25 fps)/8-ch@4 MP (30 fps)/16-ch@1080p (30 fps)	

					<p>Dual-Stream Recording Support Stream Type Video, Video & Audio Audio Compression G.711ulaw/G.711alaw/G.722/G.726 Network Remote Connection 128 Network Protocol TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS Network Interface 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface Auxiliary Interface 2 SATA interfaces Capacity Up to 10 TB capacity for each HDD Alarm In/Out 4/1 USB Interface Front panel: 1 × USB 2.0; Rear panel:1 ×USB 3.0 Power Supply 12 VDC, 3.33 A</p>
Camera Video IP exterioară	Hikvision DS- 2CD2047G2-L	China	Hangzhou Hikvision Digital Technology Co., Ltd.	<p>4 megapixel, ColorVu imagini color 24/7 (color si pe timp de noapte), senzor: 1/2.7" Progressive Scan CMOS, rezolutie: 2560 × 1440@20fps, iluminare: Color: 0.001 Lux @ (F1.0, AGC ON), lentila: 2.8mm, unghi vizualizare: horizontal FOV 102°, vertical FOV 56°, diagonal FOV 127°, distanta iluminare: 30 metri, Digital WDR/BLC/ HLC/3D DNR, compresie video: H.265+/H.265/H.264+/H.264, interfata retea: 1 RJ45 10M/100M self-adaptive Ethernet port, alimentare: 12 VDC si PoE: 802.3af, IP67, temperatura de functionare: - 30 °C to 60 °C</p>	<p>Image Sensor 1/1.8" Progressive Scan CMOS Max. Resolution 2688 × 1520 Min. Illumination Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light Shutter Time 1/3 s to 1/100,000 s Angle Adjustment Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° Lens Lens Type Fixed focal lens, 2.8, 4, and 6 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 112°, vertical FOV 61°, diagonal FOV 134° White Light , Supplement Light Range 40 m Smart Supplement Light Video Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Video Compression Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Wide Dynamic Range (WDR) 130 dB SNR ≥ 52 dB BLC, HLC, 3D DNR Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Power 12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.25 A to 0.15 A, max. 7.5 W Storage Conditions -30 °C to 60 °C (-22 °F to 140 °F), Humidity 95% or less (non-condensing)</p>
Camera Video IP interioară sunet/video	Hikvision DS- 2CD2421G0-IW	China	Hangzhou Hikvision Digital Technology Co., Ltd.	<p>2 megapixel, imagini color 24/7 (color si pe timp de noapte), progressive scan CMOS, senzor: 1/2.7". Rezolutie: 1920*1080@30fps/ 720P@30fps. Compresie video: H.265+/H.265/H.264/MJPEG. Iluminare minima: 0.01 Lux @ (F1.2 AGC ON) 0.028 lux @ (F2.0 AGC ON). Lentila: 2.8mm unghi vizualizare 114, Interfata comunicare: RJ45 10/100Mb/s. distanta detectie 10m. Audio: G.711/G.722.1/G.726/MP2L2, bidirectional. Alimentare: 12 V DC Â± 25% PoE (802.3af); consum max. 7W. Temperatura de operare: - 10°C to +40°C</p>	<p>Image Sensor 1/2.7" Progressive Scan CMOS Min. Illumination Color: 0.028 Lux @ (F2.0, AGC ON) Shutter Speed 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° WDR DWDR Lens 2.8 mm/ 2.8 mm: horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 126° IR Range Up to 10 m Video Max. Resolution 1920 × 1080 Main Stream 50Hz: 25 fps (1920 × 1080, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 720)</p>

					<p>Video Compression Main stream: H.265+/H.264+/H.265/H.264</p> <p>Audio Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/MP3</p> <p>Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)</p> <p>BLC, HLC, 3D DNR</p> <p>Day/Night Switch Day/Night/Auto/Schedule</p> <p>Wi-Fi Protocol IEEE802.11b, 802.11g, 802.11n</p> <p>Frequency 2.4 GHz - 2.4835 GHz</p> <p>Protocols TCP/IP, ICMP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, IPv6, UDP, QoS, API ONVIF (PROFILE S, PROFILE G), ISAPI, SDK</p> <p>Communication Interface 1 RJ45 10M/100M self-adaptive Ethernet port</p> <p>Audio 1 input (built-in microphone), 1 output (built-in speaker)</p> <p>Startup And Operating Conditions -10 °C to 40°C (14 °F to 104 °F), humidity 95% or less (non-condensing)</p> <p>12 VDC ± 25%, Ø5.5 mm coaxial power plug; PoE (802.3af, class 3)</p> <p>PoE (802.3af, 36 V to 57 V), 0.17 A to 0.11 A, max. 6 W</p>	
HDD	3.5" HDD 8.0TB Seagate	SUA	Seagate Technology	3.5" HDD 8.0TB-SATA-256MB	3.5" HDD 8.0TB Seagate SkyHawk Surveillance, 7200rpm, 256MB, SATAIII	
Dulap 19"	LA 600*800*1000 19U	China	Langfang Gometal Network Equipment Co., Ltd	Dulap server pentru 9 unitati. 600*800*1000	Dulap server pentru 19 unitati. 600*800*1000	
Monitor Video	27.0" AOC IPS LED 27G2U5/BK	China	TPV Technology Limited	27.0 IPS LED Bordless Black (5ms, 1000 1, 300cd, 1920x1080, 178°/178°, VGA, HDMI, Low blue light, VESA)	27.0" AOC IPS LED 27G2U5/BK Borderless Black/Red (1ms, 1000 1, 1920x1080, 178°/178°, AMD Free-Sync, Refresh Rate 75Hz, VGA, HDMIx2, DisplayPort, USB Hub 4 x USB3.0, Speakers 2 x 2W, Audio Line-out, Height Adjustment, Pivot, VESA)	
Smart UPS 2000VA	APC Smart-UPS 2U Rack Mount USB & Serial port 230v	SUA	Schneider Electric	Back-UPS 2200VA/1200W, 230V, AVR, USB, RJ-45, 4*Schuko Sockets	APC Smart-UPS 2U Rack Mount USB & Serial port 230v, AVR, USB, 4* Sockets	
Switch 48Port	HP 2620-48-PoE+ Switch	SUA	Hewlett Packard Enterprise	Gigabit, PoE, SMART, SNMP, VLAN, BONDING	<p>Gigabit, PoE+, SMART L3, SNMP, Network Bonding,</p> <p>IEEE 802.1Q VLANs</p> <p>IEEE 802.1s Multiple Spanning Trees</p> <p>IEEE 802.1v VLAN classification by Protocol and Port</p> <p>IEEE 802.1w Rapid Reconfiguration of Spanning Tree</p> <p>IEEE 802.3ad Link Aggregation Control Protocol (LACP)</p> <p>IEEE 802.3x Flow Control</p> <p>RFC 768 UDP , RFC 783 TFTP Protocol (revision 2)</p> <p>RFC 792 ICMP / RFC 793 TCP / RFC 826 ARP</p> <p>RFC 854 TELNET /RFC 868 Time Protocol</p>	

					RFC 951 BOOTP /RFC 1058 RIPv1 RFC 1350 TFTP Protocol (revision 2) RFC 2030 Simple Network Time Protocol (SNTP) v4 / RFC 2131 DHCP /RFC 2453 RIPv2 RFC 3046 DHCP Relay Agent Information Option /RFC 3376 IGMPv3 (host joins only) RFC 1981 IPv6 Path MTU Discovery RFC 2460 IPv6 Specification RFC 2710 Multicast Listener Discovery (MLD) for IPv6 RFC 2925 Remote Operations MIB (Ping only) RFC 3019 MLDv1 MIB RFC 3315 DHCPv6 (client only) RFC 3513 IPv6 Addressing Architecture RFC 3596 DNS Extension for IPv6 RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6 RFC 4022 MIB for TCP RFC 4113 MIB for UDP RFC 4251 SSHv6 Architecture RFC 4252 SSHv6 Authentication RFC 4253 SSHv6 Transport Layer RFC 4254 SSHv6 Connection RFC 4293 MIB for IP RFC 4419 Key Exchange for SSH RFC 4443 ICMPv6 RFC 4541 IGMP & MLD Snooping Switch RFC 4861 IPv6 Neighbor Discovery RFC 4862 IPv6 Stateless Address Auto-configuration IEEE 802.1AB Link Layer Discovery Protocol (LLDP) RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events) / RFC 3176 sFlow ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED) SNMPv1/v2c/v3 XRMON RFC 2474 DiffServ Precedence, including 8 queues/port RFC 2597 DiffServ Assured Forwarding (AF) RFC 2598 DiffServ Expedited Forwarding (EF) Ingress Rate Limiting IEEE 802.1X Port Based Network Access Control RFC 1492 TACACS+ RFC 2138 RADIUS Authentication RFC 2866 RADIUS Accounting Secure Sockets Layer (SSL)	
TOTAL						

Semnat: _____ Numele, Prenumele: **Beletchi Valentin** În calitate de: **administrator**

Ofertantul: **SRL ARUM-PRIOR** Adresa: **mun.Balti, str. Ostrovski 42**