

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-1774871400568*

Obiectul achiziției: *Tehnică de calcul destinată transmisiunilor live din teren*

Denumirea bunurilor/ serviciilor	Denumirea modelului bunului/ serviciului	Țara de origine	Producă torul	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
Lotul nr. 1 Tehnică de calcul destinată transmisiunilor live din teren						
1.1 StreamHub Server	S-SHB-STD4-4SDI	Canada	Haivision	<p>Broadcast Receiver and Decoder Server, compatible with Haivision PRO 380.</p> <p>-PLATFORM: 1RU server platform, Linux 64-bit server.</p> <p>-VIDEO Resolutions: HD 1080p 23.98/24/25/29.97/30/50/59.94/60; 1080i 50/59.94/60; 720p 23.98/24/25/29.97/30/50/59.94/60; SD PAL/NTSC/480p/576p.</p> <p>-DECODING: H.264/AVC (4:2:0 8-bit), H.265/HEVC (up to 4:2:2 10-bit); Bitrates 100 Kbps up to 160 Mbps; Rate control VBR/CBR.</p> <p>- CAPACITY (minimum for this license) 4 inputs (streams/input streams); system platform supports up to 16 simultaneous input SST streams.</p> <p>-TRANSCODING: 1 live transcoder; Codec H.264/AVC 4:2:0 8-bit, CBR.</p> <p>-STREAMING PROTOCOLS – Inputs: SST, SRT, TS/IP (UDP/RTP), RTSP/RTP, RTMP (push/pull), HLS, NDI; IGMPv3/SSM for multicast TS input.</p> <p>-STREAMING PROTOCOLS – Outputs: TS/IP (UDP/RTP), RTSP/RTP, RTMP/RTMPS (push/pull), HLS, SRT, SST, NDI.</p> <p>-IP DISTRIBUTION: support multiple output destinations; up to 32 outputs supported at platform level (minimum for this license: 4 outputs, including duplicated streams).</p> <p>-ADVANCED FEATURES (minimum): Video Return management, IFB / audio intercom, IP Data Bridge</p>	<p>Broadcast Receiver and Decoder Server, compatible with Haivision PRO 380.</p> <p>-PLATFORM: 1RU server platform, Linux 64-bit server.</p> <p>-VIDEO Resolutions: HD 1080p 23.98/24/25/29.97/30/50/59.94/60; 1080i 50/59.94/60; 720p 23.98/24/25/29.97/30/50/59.94/60; SD PAL/NTSC/480p/576p.</p> <p>-DECODING: H.264/AVC (4:2:0 8-bit), H.265/HEVC (up to 4:2:2 10-bit); Bitrates 100 Kbps up to 160 Mbps; Rate control VBR/CBR.</p> <p>- CAPACITY (minimum for this license) 4 inputs (streams/input streams); system platform supports up to 16 simultaneous input SST streams.</p> <p>-TRANSCODING: 1 live transcoder; Codec H.264/AVC 4:2:0 8-bit, CBR.</p> <p>-STREAMING PROTOCOLS – Inputs: SST, SRT, TS/IP (UDP/RTP), RTSP/RTP, RTMP (push/pull), HLS, NDI; IGMPv3/SSM for multicast TS input.</p> <p>-STREAMING PROTOCOLS – Outputs: TS/IP (UDP/RTP), RTSP/RTP, RTMP/RTMPS (push/pull), HLS, SRT, SST, NDI.</p> <p>-IP DISTRIBUTION: support multiple output destinations; up to 32 outputs supported at</p>	

			<p>gateway, AES encryption for contribution streams / video-returns / intercom audio, recording (MPEG2-TS & MP4), playback.</p> <p>-INTERFACES: Dual GigE network interfaces; 4 x 3G-SDI outputs (SD/HD) with genlock.</p> <p>-MONITORING & CONTROL: Web-based GUI, REST API for integration.</p> <p>-POWER: Dual Power 400W (redundant).</p> <p>Package include:</p> <p>-StreamHub server, 1RU, 4x 3G-SDI internal video card (outputs) + License.</p> <p>-Active licensing (minimum): Up to 4 inputs, Up to 4 outputs, 1 transcoder, 1 Video Return, 2 Data Bridge, Intercom/IFB, FTP, Record, Playback, AES encryption.</p> <p>- Support and Updates: one year general availability and maintenance software releases;</p> <p>Include ComputerAll-in-One (equivalent EC27250), minimum requirements:</p> <p>- Processor: 10C/12T, up to 5.4 GHz Cache: 10MB</p> <p>- Memory: 16 GB DDR5;</p> <p>- Hard Drive: 1 TB, M.2, PCIe NVMe, SSD;</p> <p>-Graphics Card: 2 GB GDDR6</p> <p>- Network: Wi-Fi 6E, Bluetooth; 1 RJ45 Ethernet port;</p> <p>- Ports - USB 3.2 Type-C; 1x USB 3.2 Gen 2 + 3x USB 3.2 Gen 1; 2 HDMI in/out; 1 power-adaptor port; Universal headset jack.</p> <p>- Camera: 5MP, 1080p at 30 fps, FHD RGB camera</p> <p>- Keyboard \Mouse: Standard Multi-Device Wireless Keyboard and Mouse.</p> <p>-Video Monitor: Diagonal Size: 27", FHD 1920x1080, 60Hz, WVA, Touch.</p> <p>Includes 2 active speakers (equivalent G Three)</p> <p>- Frequency Response 47 Hz - 25 kHz ("-6 dB")</p> <p>- SPL 104 dB</p> <p>- Amplifier Power 100W; 50W Bass + 50W Treble</p> <p>- Drivers: 1x 130 mm Cone Woofer; 1x 19 mm Dome Tweeter</p> <p>- Connections: 1xRCA Input; 1xXLR Input (includes 3.5 mm stereo jack to 2xXLR male cable)</p> <p>Enclosure: cast aluminum, white color</p> <p>Warranty - 2 year</p> <p>Installation, adjustment, testing operations;</p>	<p>platform level (minimum for this license: 4 outputs, including duplicated streams).</p> <p>-ADVANCED FEATURES (minimum): Video Return management, IFB / audio intercom, IP Data Bridge gateway, AES encryption for contribution streams / video-returns / intercom audio, recording (MPEG2-TS & MP4), playback.</p> <p>-INTERFACES: Dual GigE network interfaces; 4 x 3G-SDI outputs (SD/HD) with genlock.</p> <p>-MONITORING & CONTROL: Web-based GUI, REST API for integration.</p> <p>-POWER: Dual Power 400W (redundant).</p> <p>Package include:</p> <p>-StreamHub server, 1RU, 4x 3G-SDI internal video card (outputs) + License.</p> <p>-Active licensing (minimum): Up to 4 inputs, Up to 4 outputs, 1 transcoder, 1 Video Return, 2 Data Bridge, Intercom/IFB, FTP, Record, Playback, AES encryption.</p> <p>- Support and Updates: one year general availability and maintenance software releases;</p> <p>Include ComputerAll-in-One (equivalent EC27250), minimum requirements:</p> <p>- Processor: 10C/12T, up to 5.4 GHz Cache: 10MB</p> <p>- Memory: 16 GB DDR5;</p> <p>- Hard Drive: 1 TB, M.2, PCIe NVMe, SSD;</p> <p>-Graphics Card: 2 GB GDDR6</p> <p>- Network: Wi-Fi 6E, Bluetooth; 1 RJ45 Ethernet port; 802.11ax:</p> <p>- Ports - USB 3.2 Type-C; 1x USB 3.2 Gen 2 + 3x USB 3.2 Gen 1; 2 HDMI in/out; 1 power-adaptor port; Universal headset jack.</p> <p>- Camera: 5MP, 1080p at 30 fps, FHD RGB camera</p> <p>- Keyboard \Mouse: Standard Multi-Device Wireless Keyboard and Mouse.</p> <p>-Video Monitor: Diagonal Size: 27", FHD 1920x1080, 60Hz, WVA, Touch.</p> <p>Includes 2 active speakers (equivalent G Three)</p> <p>- Frequency Response 47 Hz - 25 kHz ("-6 dB")</p> <p>- SPL 104 dB</p> <p>- Amplifier Power 100W; 50W Bass + 50W Treble</p> <p>- Drivers: 1x 130 mm Cone Woofer; 1x 19 mm Dome Tweeter</p> <p>- Connections: 1xRCA Input; 1xXLR Input (includes 3.5 mm stereo jack to 2xXLR male cable)</p> <p>Enclosure: cast aluminum, white color</p> <p>Warranty - 2 year</p> <p>Installation, adjustment, testing operations;</p>	
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1.2. Live video transmitter	S-FX2-GO-VCASE	Canada	Haivision	<p>Video Encoder and Bonded Cellular Transmitter 5G, compatible with the Haivision live transmission system, requested model Falkon X2 GO or equivalent.</p> <p>-VIDEO Standards: HD: 1080p60/59.94/50/30/29.97/25/24/23.98, 1080i60/59.94/50;</p> <p>-Encoding: H.265/HEVC 4:2:0, 8-bit; H.264/AVC 4:2:0, 8-bit; SDR; DRA;</p> <p>-Bitrates: 300 Kbps to 20 Mbps (HD), CBR, VBR;</p> <p>-Inputs: 12G-SDI, HDMI 2.0;</p> <p>-AUDIO: Encoding AAC-LC, Bitrates 32 Kbps to 256 Kbps, mono or stereo (audio embedded);</p> <p>-NETWORK CONNECTIONS: Cellular 2 x 4G/5G worldwide compliant modems, Sub-6GHz, SA/NSA, 2x2 MIMO, extensible with up to 2 external USB modems;</p> <p>Ethernet Gigabit Ethernet port (LAN/WAN), Wi-Fi 6/6E 802.11a/b/g/n/ac/ax;</p> <p>Transport Protocols: SST over Cellular/Ethernet/Wi-Fi (bonding), SRT over Ethernet;</p> <p>- User interface and operations: Touchscreen + Web UI, video and audio level preview, remote dynamic latency adjustment during a live broadcast, automatic live Start;</p> <p>- Video Returns: Full HD video return, sub-second latency;</p> <p>- Audio intercom/IFB: bluetooth or wired headset;</p> <p>-INTERFACES: 1 x 12G-SDI input; 1 x HDMI 2.0 input, 1 x HDMI 2.0 output (video return); 1 x Gigabit RJ-45 Ethernet; 2 x USB 3.0 (Type-A) + 1 x USB 3.0 (Type-C); 2 x micro SIM slots; 1 x mini-jack (for IFB / intercom headset);</p> <p>-Power Supply: Internal rechargeable battery, USB-C input (min 45W) for charging/powering; power via AC/DC adapter and D-TAP (for V-Mount battery).</p> <p>Include: Case + angled SDI adaptor + D-TAP adapter + AC/DC adapter, HWO-OT-BPV Backpack with V-Mount plate.</p> <p>Support and Updates: one year general availability and maintenance software releases.</p> <p>- Warranty - 1 year</p>	<p>Video Encoder and Bonded Cellular Transmitter 5G, compatible with the Haivision live transmission system, requested model Falkon X2 GO or equivalent.</p> <p>-VIDEO Standards: HD: 1080p60/59.94/50/30/29.97/25/24/23.98, 1080i60/59.94/50;</p> <p>-Encoding: H.265/HEVC 4:2:0, 8-bit; H.264/AVC 4:2:0, 8-bit; SDR; DRA;</p> <p>-Bitrates: 300 Kbps to 20 Mbps (HD), CBR, VBR;</p> <p>-Inputs: 12G-SDI, HDMI 2.0;</p> <p>-AUDIO: Encoding AAC-LC, Bitrates 32 Kbps to 256 Kbps, mono or stereo (audio embedded);</p> <p>-NETWORK CONNECTIONS: Cellular 2 x 4G/5G worldwide compliant modems, Sub-6GHz, SA/NSA, 2x2 MIMO, extensible with up to 2 external USB modems;</p> <p>Ethernet Gigabit Ethernet port (LAN/WAN), Wi-Fi 6/6E 802.11a/b/g/n/ac/ax;</p> <p>Transport Protocols: SST over Cellular/Ethernet/Wi-Fi (bonding), SRT over Ethernet;</p> <p>- User interface and operations: Touchscreen + Web UI, video and audio level preview, remote dynamic latency adjustment during a live broadcast, automatic live Start;</p> <p>- Video Returns: Full HD video return, sub-second latency;</p> <p>- Audio intercom/IFB: bluetooth or wired headset;</p> <p>-INTERFACES: 1 x 12G-SDI input; 1 x HDMI 2.0 input, 1 x HDMI 2.0 output (video return); 1 x Gigabit RJ-45 Ethernet; 2 x USB 3.0 (Type-A) + 1 x USB 3.0 (Type-C); 2 x micro SIM slots; 1 x mini-jack (for IFB / intercom headset);</p> <p>-Power Supply: Internal rechargeable battery, USB-C input (min 45W) for charging/powering; power via AC/DC adapter and D-TAP (for V-Mount battery).</p> <p>Include: Case + angled SDI adaptor + D-TAP adapter + AC/DC adapter, HWO-OT-BPV Backpack with V-Mount plate.</p> <p>Support and Updates: one year general availability and maintenance software releases.</p> <p>- Warranty - 1 year</p>	
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Semnat: _____ Numele, Prenumele: Dubiț Oleg În calitate de: Administrator

Ofertantul: SC Vizual Impact SRL Adresa: or. Chisinau, str. V. Crasescu nr. 111 of. 2