

## ANUNȚ DE PARTICIPARE

privind achiziționarea *Echipamentului de radioteleviziune (repetat)*  
prin procedura de achiziție *Licitație deschisă*

1. Denumirea autorității contractante: *IP Compania „Teleradio – Moldova”*
2. IDNO: *1004600050558*
3. Adresa str. *Miorița 1, mun. Chișinău, MD – 2028*
4. Numărul de telefon/fax: *022721047, 022723352, 068088984*
5. Adresa de e-mail și pagina web oficială ale autorității contractante: *trm@trm.md, www.trm.md*
6. Adresa de e-mail sau pagina web oficială de la care se va putea obține accesul la documentația de atribuire: *documentația de atribuire este anexată în cadrul procedurii în SIA RSAP*
7. Tipul autorității contractante și obiectul principal de activitate (dacă este cazul, mențiunea că autoritatea contractantă este o autoritate centrală de achiziție sau că achiziția implică o altă formă de achiziție comună): *Instituție Publică*
8. Cumpărătorul invită operatorii economici interesați, care îi pot satisface necesitățile, să participe la procedura de achiziție privind livrarea bunuri:

Nr. d/o	Cod CPV	Denumirea bunurilor	u/m	Cant	Descrierea bunurilor și specificarea tehnică (cerințe minime tehnice)	Valoarea estimată fără TVA
	<i>Lotul nr. 1</i>					<i>1250000,00</i>
1.1	32224000-9	Video Production System + Control Panel	buc	1	<p><b>Video Production System + Small Control Panel</b>  <b>Video Inputs:</b> 8 x Simultaneous External Video Inputs, Supporting Any Combination of Compatible Sources  <b>Network Video Input:</b> 8 x IP Video Inputs via NDI, Resolution-Independent, with Support for key and Fill  <b>Digital Video Input:</b> 4 x SDI Video Connections Supporting Video Input in Any Combination of Standard Formats, Resolutions, and Frame Rates 1080p: 29.97, 25 fps, 1080i: 59.94, 50 fps  <b>Skype Video Calling:</b> Native Support for up to 2 Simultaneous Skype Video Call Inputs via Skype TX Software Integration, Including Tally and Talkback Communication  <b>Video Output:</b> Configurable for up to 4 Independent Video Mix Outputs, with Simultaneous Digital and IP Delivery  <b>Network Video Output:</b> 4 x Independent IP Video Mix Outputs via NDI  <b>Digital Video Output:</b> 2 x Independently Configurable SDI Video Outputs  <b>Stream Output:</b> 1 x Streaming Video Output, Independently Configurable, with Simultaneous Stream Archive  <b>Monitor Outputs:</b> 4 x Mini Display Ports Adapters  <b>Mix/Effect Buses (M/E):</b> 4 x M/E Buses, Each Supporting 2 Configurable Sources and 2 Configurable Key Layers  1 x PREVIZ Configuration and Preview Bus  <b>DSK Channels:</b> 2 x DSK Channels  <b>Media:</b> 4 x Media Players: 2 x DDR, 1 x GFX, 1 x Sound, 15 x Media Buffers: 5 x Animation Buffers, 10 x Graphic Buffers  <b>Keyers:</b> Integrated LiveMatte Chroma and Luma Keying Technology on All Source Channels and M/E Buses  <b>Virtual Sets:</b> Integrated LiveSet Technology with 30+ Live Virtual Sets and Box Effects Included  <b>DataLink:</b> Integrated DataLink Technology Enabling Real-Time, Automated Data Input from Internal and External Sources, Including Webpages, Spreadsheets, Scoreboards, Databases, RSS Feeds, Watch Files, XML, CSV, ASCII, and More  <b>Macros:</b> Record, Store, Edit, and Automate Commands and User-Configured Operation Sequences  Attach to Control Panel Buttons, Keyboard Shortcuts, Hotspots, MIDI, and X-Keys Buttons or GPI Triggers  Attach to Internal Events and State Changes, Including Audio, Media Playback, Tally, and Specific Switcher Actions  Supports Control via Web-Based Interface  <b>Recording:</b> 5 x Configurable Video Recording Channels via NewTek IsoCorder Technology</p>	

					<p>4 x QuickTime Archival Video Recorders (XDCAM HD Compatible, 4:2:2 Encoding, 24-Bit Audio, with Timecode) (QuickTime Player Not Required for Playback in Common NLE Applications)</p> <p>1 x H.264 Distribution Video Recorders (Multiple Profiles)</p> <p>1 x MP3 Audio Recorder</p> <p><b>Signal Monitoring:</b> Integrated Waveform and Vectorscope, Full Field Rate with Digital Calibration, Color Preview, and Support for ITU-R Rec. 709</p> <p><b>Storage:</b> 1 TB SSD Internal Drive</p> <p><b>Grab:</b> Grab Full-Resolution, Deinterlaced Still Images from External Video Sources and Outputs</p> <p><b>Export:</b> Export Video and Image Files to Social Media, FTP, Local, or External Volumes, and Network Servers, with Optional Transcoding</p> <p><b>Audio Mixing:</b> Integrated Multichannel Audio Mixer with Configurable DSPs, 4 x 4 x 4 Audio Input Channel Routing, and 4 Independent Output</p> <p><b>Mixes:</b> Local Audio Input: 4 x Embedded SDI Audio Inputs, 1 x 1/4" Balanced Mic, 2 x 1/4" Balanced Lines</p> <p><b>Local Audio Output:</b> 2 x Embedded SDI Audio Outputs, 2 x 1/4" Balanced Lines, 1 x 1/4" Stereo Headphones Jack</p> <p><b>Include Monitor:</b> QLED 65 inch 3840x2160 4K HDR10+, 120 Hz. Operating System Tizen Smart TV Audio 2.2CH 40W, Woofer, Dolby Digital, OTS Multi-View up to 2 videos, Wireless Dex DVB-T2CS2 x 2, CI+(1.4) / CI+(1.4 ECP) 4x HDMI (4K 120Hz), 2x USB, Ethernet (LAN/WiFi5), Bluetooth 5.2, Digital Audio, ARC.</p>
1.2	32224000-9	<b>Camera PTZ</b>	buc	3	<p>Camera PTZ features a newly developed 4K 1" MOS sensor that offers the highest sensitivity. This sensitivity enables you to easily capture clear images even in the most challenging lighting conditions, including concert venues and houses of worship. A new optical low-pass filter reduces moiré effects, producing clearer picture quality when shooting against an LED wall, which is especially important for staging or worship environments. 2x high-speed capture enables you to create smooth slow-motion video suitable for sports, Esports, and other dynamic events. PDAF technology enables you to focus on moving subjects with high speed and precision.</p> <p>4K 1" Type 9.6MP MOS Sensor Up to UHD 4K60 &amp; 1080 Simultaneous Out 12G-SDI, HDMI, Fiber &amp; IP Transmission Improved Phase-Detection Autofocus 20x Optical Zoom, 2x High-Speed Capture HDR Mode with HLG/BT.2020 Compatibility Wide 75.1° Horizontal Viewing Angle Up to 180°/Sec Pan/Tilt Speed Live Stream to Platforms via RTMP 2 x XLR Audio In, Front/Rear Tally Lamps Include 12v power supply 4-pin XLR connection</p>
1.3	32224000-9	<b>Tripod</b>	buc	3	<p>Tripod + Fluid Head + Quick Release Plate + Pan Handle Load Capacity: 5.99 kg Maximum Working Height: 1.88 m Minimum Working Height: 0.84 m Folded Length: 89.92 cm Materials: Aluminum</p> <p>Versatile -75° to +90° tilt range and 360° pan range Separate pan/tilt locks and built-in bubble level indicator for aligning the horizon line Sliding QR plate features 1/4"-20 top mounting screw and spare 3/8" screw Interchangeable pan bar handle with angular adjustment that fits on either the left or right side of the head. Three-section leg design with mid-level spreader and adjustable height</p>
1.4	32224000-9	<b>Remote Camera Controller</b>	buc	1	<p>Touchscreen Remote Camera Controller allows you to control up to 200 compatible PTZ cameras over IP via a switching hub. Or you can control five cameras via direct RS-422 connection. The controller features a zoom/focus rocker on the joystick for pan and tilt operations, many onboard buttons, and additional controls within the 7" touchscreen LCD. It also has an SD card slot, which allows saving scene files, system settings files, and other camera settings as well as copying settings over to other cameras.</p> <p>Control up to 200 Compatible PTZ Cameras Serial Control 5 Cameras Directly Zoom/Focus Rocker Joystick Touch Panel GUI, Touch Focus &amp; More Include 12v power supply 4-pin XLR connection</p>

1.5	32224000-9	<b>Videohub</b>	buc	1	<p>Videohub 20 x 12G-SDI Inputs/20 x 12G-SDI Outputs  Zero-Latency Routing Switcher  Supports Up to DCI 4K60 Video  Combines SD, HD, UHD 4K &amp; DCI 4K Video  Push-Button, Knob &amp; Ethernet Control  2.2" Front Panel LCD Status Display  SDI Reclocking, Compact 1RU Size  <i>Include Laptop, Windows 11 Pro</i>  Display: 15.6", 3.5K 3456x2160, 60Hz, OLED, Touch, Anti-Reflect, 400 nit, InfinityEdge  Processor: 14C, up to 5 GHz, Cache: 24MB;  Memory: 16 GB LPDDR5;  Storage: 512 GB, M.2, PCIe NVMe, SSD;  Graphics: 6 GB GDDR6;  I/O Ports: 1 USB 3.2 Gen2 Type-C port with DisplayPort, 2 Thunderbolt 4 (USB Type-C 3.2 Gen2) ports 1 headset;  Wireless: Wi-Fi 6 1675 (AX211), 2x2, 802.11ax, Bluetooth  Camera: 720p at 30 fps HD RGB camera, 400p at 30 fps IR camera, dual-array microphones  Audio: Stereo woofer 2.5 W x 2 and stereo tweeter 1.5 W x 2 = 8 W  Exterior: CNC machined aluminum with carbon fiber palm rest  Battery: 86 Wh, integrated</p>
1.6	32224000-9	<b>Video Conversion</b>	buc	2	<p>Standards converter designed for professional AV with 12G-SDI, HDMI, XLR and HiFi connections, low latency, a still store and 1089 conversions  Ultra low latency, as low as 67 milliseconds  HDMI 2.0a, 12G-SDI in, out and loop through connections  XLR connections for 2 channels of balanced analogue and 4 channels of AES/EBU audio input  Consumer HiFi connections for 2 channels of audio input from devices like laptops and iPods  Optical fiber cage for adding optional SMPTE, fiber optic SDI modules  Internal still store and live freeze modes  Patented Teranex processing for extremely high quality up, down, cross and standards conversions  Retains all ancillary data such as timecode and subtitles  16 channels of frame accurate audio conversions and full audio channel  Reference input for built in frame sync feature and reference output for sync generation  Built-in video test pattern generation with audio test tones  Gigabit Ethernet connectivity for remote control  Built in power supply supports 110V to 240V AC</p>
1.7	32224000-9	<b>Converter SDI to HDMI</b>	buc	4	<p>Converter SDI to HDMI 12G (with power supply)  SDI Video Inputs: 1  SDI Rates: 270Mb, 1.5G, 3G, 6G, 12G  SDI Video Outputs: 1 x SDI loop out  HDMI Outputs: HDMI Type A out  Auto detection of SD, HD, 2K, Ultra HD and 4K  Updates, Configurations and Power: USB Type-C  Includes 100 to 240V AC power supply with international socket adapters.</p>
1.8	32224000-9	<b>Splitter</b>	buc	3	<p>HDMI splitter 1 in x 4 out</p>
1.9	32224000-9	<b>Converter Optical Fiber</b>	buc	8	<p>Converter Optical Fiber  Converts SDI to optical fiber and optical fiber to SDI in both directions at the same time  Can even have different video standards going in each direction  12G-SDI connections are multi rate  Compatible with all SD, HD and Ultra HD formats and equipment up to 2160p60, including Level A and B devices  Specifications:  SDI Video Inputs: 1 x SD, HD and 12G-SDI Video and 1 x Optical Fiber Input  SDI Video Outputs: Automatically matches the SD, HD and 12G-SDI video input on the Optical Fiber  Optical Fiber Video Inputs: 1 x 10 bit SD/HD/12G- SDI switchable  Optical Fiber Video Outputs: Automatically matches the SD, HD and 12G-SDI video input  Optical Fiber Audio Inputs: 16 channel embedded  Optical Fiber Audio Outputs: 16 channel embedded  Multi Rate Support: Auto detection of SD, HD or 12G-SDI</p>
1.10	32224000-9	<b>SFP Optical Transceiver Module</b>	buc	10	<p>12G SFP Optical Transceiver Module  12G SFP Optical Transceiver  Bidirectional 1310nm 12G video SFP  Supports NTSC/PAL, 720p, 1080p/i, and 4K at up to 60fps</p>

					Allows 4K 60p video to be sent over single mode fiber up to 10Km Compatible with a wide range of optical fibre video equipment such as Blackmagic products with fiber optic i/o	
1.11	32323000-3	TV	buc	8	43" LED TV -3840x2160, 4K UHD, HDR 10+ 50 Hz - Audio 2CH 20W - Operating System Tizen Smart TV - DVB-T2 CS2, CI+(1.4) / CI+(1.4 ECP) - 3 x HDMI, 1x USB, Ethernet (LAN/WiFi5), Digital Audio, ARC, BT 5.2. - Antena interioară digitală terestră DVB-T2 cu amplificare; - Montare pe perete (VESA), reglabil pe verticală și orizontală;	
1.12	32323000-3	TV	buc	2	50" LED TV -3840x2160, 4K UHD, HDR 10+ 50 Hz - Audio 2CH 20W - Operating System Tizen Smart TV - DVB-T2 CS2, CI+(1.4) / CI+(1.4 ECP) - 3xHDMI, 1x USB, Ethernet (LAN/WiFi5), Digital Audio, ARC, BT 5.2. - Antena interioară digitală terestră DVB-T2 cu amplificare; - Montare pe perete (VESA), reglabil pe verticală și orizontală;	
1.13	32350000-1	SDI Cable	m	200	HD-SDI - digital video cable: -inner conductor - solid bare copper, Ø 0.60 mm -insulation - Foam-Skin PE, gas injected , Ø 2.8 mm -shielding- AL/PET/AL double-layer foil + tinned copper braid -outer jacket - FRNC -overall diameter - 4.5 mm -min. bending radius - 25 mm -characteristic impedance - 75 Ω ± 1% -aplication – HD-SDI 3.0G -hd-sdi transmission length for 1080i – min. 68m	
1.14	32350000-1	BNC connector	buc	200	BNC Connector: -Compatible for HD-SDI digital video cable at position nr.2 -For inner conductor of 0.6 mm and insulated diameter up 4.6 mm - Connector: BNC male - Impedance: 75Ω - Options: Crimp	
1.15	32350000-1	Cablu	buc	4	Cablu HDMI 10m Rezoluție 4K @60Hz	
1.16	32350000-1	Cablu	buc	8	Cablu HDMI 3m Rezoluție 4K @60Hz	
1.17		Instalare			Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora; Lucrările de montare, precum și operațiunile de instalare, ajustare; Sistemul va fi predat la cheie; Garanția hardware minim 3 ani.	
<b>Lotul nr. 2</b>						<b>380000,00</b>
2.1	32330000-5	Mixing Console	buc	1	Mixing Console Fully Digital Broadcast Console Near 0 latency (< 0,7 ms I/O) Digital Signals routing 10-fader console 4+1 busses (PGM, SUB, Aux1, Aux2, PFL) 5 band fully parametric EQ Dyn Processor on microphone inputs Customizable RGB colored buttons Ctrl-Room and Studio Facilities A/B Fast source switch buttons 10 led meter bars for input source monitoring High Resolution led meter bars for outputs (164 leds) HDMI Out - Full HD connection for mixer monitor 2 Timers (Ctrl-Room and Studio microphones timers on HDMI Monitor) Redundant PSU Input Output 5 microphones inputs 8 stereo inputs 7 stereo outputs 1 built-in telephone hybrid, 1+4 telco interface with GPIO Bluetooth audio interface 1 digital In/Out (AES EBU) 2 USB audio interface Audio Core Analog Devices ADAU1452 32bit 294MHz fixed point DSP Audio CODECs Cirrus CS42448 24bit/192kHz System Core Allwinner A20 dual core cortex-A7 at 800MHz, 1GB RAM System display 7" TFT 800x480 LCD LAN Connection RJ45 - 100Mbit	

					<p>Nominal Delay (analog input to analog output) 0,7ms  GPIO Inputs/Outputs 12 GPI / 10 GPO  Communication Port 2xUSB type-A, 2xUSB type-B , 1xLAN, 1xHDMI  <i>Include tablet</i>  Size 11" inches, Dynamic AMOLED, 2X 120Hz  Resolution 2560x1600 pixels, Size 11" inches  Protection Corning Gorilla Glass, IP68  Chipset Qualcomm SM8550 Snapdragon 8 Gen 2 (4 nm)  CPU Octa-core, GPU Adreno 740  Storage 256GB 8GB RAM  stereo speakers (4 speakers)  Wi-Fi 802.11 a/b/g/n/ac/ax 2.4G+5GHz+6GHz, HE160, MIMO, 1024-QAM, Bluetooth 5.3  USB Type-C 3.2  Sensors Accelerometer, Fingerprint Sensor, Gyro Sensor, Geomagnetic Sensor, Hall Sensor, RGB Light Sensor.  BATTERY 8400 mAh.  Colors Graphite  Include tablet case book, gray or black color, magnetic closure.</p>
2.2	32330000-5	<b>Microfon</b>	buc	2	<p>Specifications:  Type - Dynamic (moving coil)  Frequency Response - 50 to 20,000 Hz  Polar Pattern - Cardioid  Sensitivity - (@ 1 kHz, open circuit voltage) -59 dBV/Pa[1] (1.12 mV)  Output Impedance - 150 Ω  Hum Pickup - (typical, at 60 Hz), 11 dB  Polarity - Positive pressure on diaphragm produces positive voltage on pin 2 with respect to pin 3  Housing - Dark gray enamel aluminum and steel case with dark gray foam windscreen.  Include cabluri audio (microfon) 25m</p>
2.3	32330000-5	<b>Microphone Preamp</b>	buc	2	<p>Microphone processor  Studio / Live microphone preamp  48V Phantom power, de-esser, enhancer, compressor and expander gate  Channels – 1  Compressor/Limiter – 1  Phantom power – 1  Analogue Outputs – Jack  Level Meter – 1  Compressor – Yes  Attack/Release Adjustable - yes  De-Esser – 1  Number of microphone inputs – 1  External effect loops - 1</p>
2.4	32330000-5	<b>Headphones</b>	buc	10	<p>Headphones  For drummer and studio  35 dBA Noise isolation, Closed, Circumlunar  SPL: 105dB  Frequency range: 5-30000 Hz  Nominal Impedance: 80 Ohm  Volume control on the cable  3 m straight cord</p>
2.5	32330000-5	<b>Hybrid dual</b>	buc	1	<p>Hybrid dual  Lines - 2 Pots lines or 2 GSM lines (optional) or 1 Pots line + 1 GSM line  Phone Line - 2x RJ11 6/4  Set Line - 2x RJ11 6/4  Audio process - 24Bit-120Mhz DSP-Based audio process  Auto call Hook/Drop  Audio Input and Output  Send Analog-1 - 1x XLR female electronically balanced  Receive Analog-1 - 1x XLR male electronically balanced  Send Analog-2 - 1x XLR female electronically balanced  Receive Analog-2 - 1x XLR male electronically balanced</p>
2.6	32330000-5	<b>Monitor studio</b>	buc	4	<p>Active 2-way near field reference studio monitor  Woofers: 8 "woofers (203 mm) 70 W with Kevlar membrane  Amplifier: 150W RMS bi-amp Class A / B power amp  Maximum level: 114 dB  Crossover: 1900 Hz  Further sound adjustments: Acoustic Space  Frequency range: 37 - 22,000 Hz  Inputs: balanced XLR input, balanced jack input  Input sensitivity: 85 mV input signal produces 96 dBA output level</p>

					<p>Maximum input level: +21 dBu  Input impedance: balanced 10 kOhm, 20 kOhm unbalanced  Protection Circuits: Overheat, Transient and Subsonic Protection Circuit,  Output Current Limiters, Shielded for RF Interference, On Delay  Controls: Volume control, Acoustic Space switch  Housing: vinyl-coated MDF  Including acoustic foam pads</p>	
2.7	32330000-5	<b>Desktop mic Stand</b>	buc	2	<p>Swivel Arm for Microphones  Rotates 360° horizontally and 90° vertically  Integrated cable ducts with magnetic covers  Robust metal construction  Swing and drop resistance adjustable at the joints  Padded table clamp with 60 mm clamping width  Ball joint head with 1/4" thread and adapters for 3/8" and 5/8  Horizontal reach: 740 mm  Distance lower arm to desk: 70 mm; Distance upper arm to desk: 160 mm  Supports microphones and accessories weighing up to 2 kg</p>	
2.8	32330000-5	<b>Talk Box</b>	buc	2	<p>Talk Box is connect to the On Air Console: it takes 2 RJ45 cables of the length that is needed to connect it to the mixer. It is possible to connect up to 4 Talk Boxes on each Audio I/O Board. The Talk Box manages a direct connection of the microphone and its own On-Air light. It is also possible to connect it to the studio's On-Air Light. The Talk Box has a headphone amplifier with two 6.3mm outputs. Through the two backlit buttons it is possible to activate and deactivate your own microphone (On/Off/Cough) or enable Talk back to the console.  It is a Console dedicated to the presenter. It is possible to connect to 4 units.</p>	
2.9	32330000-5	<b>MR. LIGHT RGB</b>	buc	1	<p>Multipurpose signal lamp designed for Radio, on air and recording studios.  Multi-coloured RGB LEDs  Operating mode: blink, blink 2-colours, pulse always on.  Supplied with mounting kit: wall and ceiling  GPIs for remote control.  Easy setting for colour and switching mode  High availability and low power consumption  12V DC power supply included  Customizable wording with Text and graphics (logos, icons, symbols)</p>	
2.10.	32330000-5	<b>IP-Audio interface</b>	buc	2	<p>IP-Audio interface  Analog 8 mono or 4 stereo balanced line-level inputs and 8 mono or 4 stereo balanced line-level outputs, on RJ-45 and DB-25 connectors. It can also accommodate 5.1 Surround inputs and outputs, each with an associated discrete Stereo mix. Microphone Preamplifiers  • Source Impedance: 150 Ohms  • Input Impedance: 4k Ohms minimum, balanced  • Nominal Level Range: Adjustable, -75 dBu to -20 dBu • Input Headroom: &gt;20 dB above nominal input  • Phantom power: +48VDC, switchable  Analog Line Inputs  • Input Impedance: &gt;40k Ohms, balanced  • Nominal Input Range: Selectable, +4 dBu or -10dBv • Input Headroom: 20 dB above nominal input  Analog Line Outputs  • Output Source Impedance: &lt;50 Ohms balanced • Output Load Impedance: 600 Ohms, minimum • Nominal Output Level: +4 dBu  • Maximum Output Level: +24 dBu  Digital Audio Inputs and Outputs  • Reference Level: +4 dBu (-20 dB FSD)  • Impedance: 110 Ohm, balanced  • Signal Format: AES3 (AES/EBU)  • AES3 Input Compliance: 24-bit with sample rate conversion • AES3 Output Compliance: 24-bit  • Digital Reference: Internal or external reference 48 kHz, +/- 2 ppm • Internal Sampling Rate: 48 kHz  • Input Sample Rate: 32 kHz to 192kHz  • Output Sample Rate: 44.1 kHz or 48kHz  • A/D Conversions: 24-bit, Delta-Sigma, 256x oversampling  • D/A Conversions: 24-bit, Delta-Sigma, 256x oversampling</p>	
2.11	32330000-5	<b>Set audio înregistrări</b>	buc	3	<p><b>Set placă de sunet cu microfon și căști</b>  Consisting of a 2-channel USB 2.0 audio interface + condenser microphone + studio headphones and XLR cable.  Features of 2-channel USB 2.0 audio interface with USB-C connection:  24-bit / 192 kHz  Focusrite Rednet series converters with 120 dB dynamic range  1 Scarlett microphone preamp</p>	

					<p>+48 V phantom power  Loopback function  Dynamic Gain Halos for quick and easy adjustment of the recording  USB bus-powered  1 microphone input: XLR  1 instrument/line input: 6.3 mm jack  2 line outputs: 6.3 mm jack  Stereo headphone output: 6.3 mm jack  USB-C connection for PC</p> <p><b>Microphone Specifications</b>  Element Electret Condenser  Polar Pattern Unidirectional (cardioid)  Sensitivity -36 dB ±2 dB (0 dB = 1 V/Pa at 1 kHz)  Frequency Response 20 Hz to 20 kHz  Power Requirement 48 V phantom supply  Mounting Standard 5/8" female; 3/8" adaptor supplied</p> <p><b>Headphones Specifications</b>  Type Closed-back  Ear pad Contact Circumaural (over-ear)  Sensitivity 96dB ±3  Frequency Response 15Hz - 30kHz  Power Rating 350mW  Maximum Power 1800mW  Cable Length ≈3m  Connector 3.5mm TRS jack plug  Screw-on 3.5mm to 6.35mm adaptor included</p> <p><b>Stativ pentru Microfon (compatibil cu microfonul propus mai sus):</b>  Height adjustment: clutch  Leg construction: socket with foldable legs  Material: steel  Boom arm length: from 435 to 745 mm  Height: from 900 to 1,605 mm  Rod combination: 2-piece folding design  Special features: stable and sturdy</p> <p><b>Audio Editor and Mastering Software</b>  Professional editor for demanding applications in stereo and surround  Recording and editing of stereo and multi-channel files up to max. 64-bit floating point and 768 kHz  Up to 32 channels of audio recording, editing and processing  Loudness visualisation and normalisation according to EBU R128  20 Internal effects such as dynamicEQ, wizardFX modernReverb, coreFX Suite, Audio Restoration Tools etc.  WaveHammer 2.0 for mastering tasks  High-quality resampling engine enables the combination of different audio formats in one project  Remote Record window enables optimal operation in the background.  Video and AVI support  Automatic recognition and marking of clipped peaks  Playback and cut lists  Dolby AC-3 export  ASIO support</p>	
2.12	32330000-5	<b>Set placă de sunet</b>	buc	1	<p><b>Placă de sunet</b>  Cerințe minime:  24 bit / 192 kHz  8 Scarlett microphone preamps  +48 V phantom power  Switchable air function  Talkback function with built-in microphone  Pad switch  8 Mic/line inputs: XLR/6.3 mm jack combo balanced - 2 of them with instrument input on front side  10 Line outputs: 6.3 mm jack balanced  2 Stereo headphone outputs: 6.3 mm jack  2 S/PDIF input and output coaxial  2 ADAT input and output  MIDI input and output  USB-C connection  Construction: 19" / 1 U</p> <p><b>Include</b> Computer All-in-One  -Processor: 10C/12T, up to 5 GHz Cache: 12MB  -Memory: 32 GB DDR4;  -Hard Drive: 1 TB, M.2, PCIe NVMe, SSD;</p>	

					<p>-Graphics Card: 2 GB GDDR6</p> <p>- Network: Wi-Fi 6E AX211, 802.11ax; Bluetooth; 1 RJ45 Ethernet port;</p> <p>- Ports - 1 USB 3.2 Type-C Gen 2 port; 3 USB 3.2 Gen 1 port with Power on/Wake-up support; 2 HDMI in/out; 1 power-adapter port; 1 USB 3.2 Gen 2 port with PowerShare, 1 Universal headset jack.</p> <p>- Camera: 1080p at 30 fps, FHD RGB camera</p> <p>- Keyboard \Mouse: Standard Multi-Device Wireless Keyboard and Mouse, (or equivalent KM7321W)</p> <p>-Video Monitor: Diagonal Size: 27", FHD 1920x1080, 60Hz, WVA, Touch, InfinityEdge, Narrow Border</p> <p>- Speakers - Frequency response 69 Hz – 22 kHz; Output Power 120 W, 2 x 25 W (RMS); LF Driver 114.3 mm; HF Driver 25.4 mm; Audio inputs (1) RCA stereo input pair; (2) 1/4" TRS inputs; (1) 1/8" stereo auxiliary input; - Headphone Output 1/8" stereo; Interconnection Cable 1/8" TRS, Bluetooth Range 30 m (or equivalent BX4 BT)</p>	
2.13	32330000-5	<b>Wireles microphone</b>	buc	2	<p><b>System</b></p> <p>Wireless Technology Analog UHF</p> <p>Number of RF Channel Frequencies 1680</p> <p>Included Transmitters 1 x Bodypack with Microphone</p> <p>Diversity Antenna Diversity</p> <p>RF Frequency Band 566 to 608 MHz</p> <p>RF Bandwidth 42 MHz</p> <p>Frequency Step Size 25 kHz</p> <p>RF Channel Scanning Auto-Scan</p> <p>Max Operating Range 330' / 100.6 m (Line of Sight)</p> <p>Max Transmitters per Band 12</p> <p><b>Receiver</b></p> <p>Receiver Type Camera-Mount</p> <p>Antenna 1 x Flexible Whip, Fixed</p> <p>Number of Audio Channels 1</p> <p>Audio I/O 1 x 3.5 mm TRS Female Unbalanced Output (Lockable)</p> <p>Gain Range 42 dB (6 dB Steps)</p> <p>Audio Output Level +12 dBu</p> <p>Squelch 5 to 25 dB<math>\mu</math>V</p> <p>Battery Type 2 x AA</p> <p>Display &amp; Indicators 1 x Backlit LCD</p> <p><b>Transmitter</b></p> <p>Transmitter Type Bodypack</p> <p>RF Output Power 30 mW</p> <p>Audio I/O 3.5 mm TRS Female Unbalanced Input (Locking)</p> <p>Muting Mute Switch</p> <p>Audio Input Level 3 V RMS (Max)</p> <p>Gain Range 60 dB (3 dB Steps)</p> <p>Frequency Response 80 Hz to 18 kHz (Mic); 25 Hz to 18 kHz (Line)</p> <p>Antenna 1 x Flexible Whip, Fixed (Beltpack)</p> <p>Battery Type 2 x AA</p> <p>Display &amp; Indicators 1 x Backlit LCD (Audio Level, Battery Status)</p> <p><b>Microphone</b></p> <p>Microphone Type Lavalier</p> <p>Sound Field Mono</p> <p>Capsule Electret Condenser</p> <p>Polar Pattern Omnidirectional</p> <p>Frequency Range 50 Hz to 18 kHz</p> <p>Maximum SPL 130 dB SPL Peak</p> <p>Sensitivity 20 mV/Pa</p> <p>Output Connector 1 x 3.5 mm TRS Male Unbalanced (Lockable)</p> <p>Cable Length 1.6 m</p> <p><b>Transmitter 2</b></p> <p>Transmitter Type Plug-On</p> <p>RF Output Power 30 mW</p> <p>Audio I/O 1 x XLR 3-Pin Female Unbalanced Input (Locking)</p> <p>Muting Mute Switch</p> <p>Audio Input Level 3 V RMS</p> <p>Gain Range 48 dB (6 dB Steps)</p> <p>Frequency Response 80 Hz to 18 kHz</p> <p>Antenna 1 x Internal</p> <p>Power Requirements Battery</p> <p>Battery Type 2 x AA</p> <p>Display &amp; Indicators 1 x Backlit LCD (Audio Level, Battery Status)</p> <p><b>Include:</b></p> <p>Rechargeable batteries, size AA, Ni-MH, 2500 mAh, Quantity 4 pcs</p> <p>Charger</p>	



					Charging compartments 4 Charging voltage 5 Compatibility Battery size AA/AAA; Battery type Ni-MH Charger Operating Modes Charging, Updating & Testing Indicator type LCD display with backlight	
2.14	32350000-1	<b>Conector</b>	buc	10	Conector XLR Mama	
2.15	32350000-1	<b>Conector</b>	buc	10	Conector XLR Tata	
2.16	32350000-1	<b>Conector</b>	buc	10	Conector Jack 3.5mm (equivalent Amphenol KS3PC)	
2.17	32350000-1	<b>Conector</b>	buc	20	Conector RCA Tata	
2.18		<b>Instalare</b>			Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora; Lucrările de montare, precum și operațiunile de instalare, ajustare; Sistemul va fi predat la cheie; Garanția hardware minim 3 ani.	
<b>Lotul nr. 3</b>						<b>334583,33</b>
3.1	32224000-9	<b>Camera</b>	buc	8	<p>Camera NDI HX UltraHD 4K (3840x2160p) video resolutions up to 60 FPS, 12X Optical Zoom Models 2D &amp; 3D noise reduction with our latest low-noise CMOS sensor Serial (RS232/RS485), IP control (LAN/WAN) H.264, H.265*, &amp; MJPEG video compression when IP streaming Simultaneous USB 2.0, HDMI 2.0 / 3G-SDI, NDI@HX 3 / IP Streaming (SRT, RTSP, RTMP) PoE+ or 12VDC power supply Auto-tracking NDI@HX built in Photobooth capable Built in tally light Image Sensor &amp; Lens Video Sensor (12X) Sony 1/2.5 inch, CMOS, Effective pixels: 8.51M HDMI: 3840x2160p-60/50/30/29.97/25; 1920x1080p-60/50/30/29.97/25; 1920x1080i-60/50; 1280x720p-60 IP/NDI: 3840x2160, 1920x1080, 1280x720, 1024x576, 720x480, 720x408, 640x480 &amp; 640x360 SDI: 1920x1080p-60/59.94/50/30/29.97/25; 1920x1080i-60/59.94/50; 1280x720p-60/59.94 USB: 3840x2160, 1920x1080, 1280x720, 1024x576, 720x480, 640x480 Lens Zoom (12X) f= 4.4mm~52.8mm, F1.8 ~ F2.6 Field of View (12X) H 6.9° ~ 72.5°   V 3.9° ~ 44.8° Min Lux 0.5 Shutter 1/30s ~ 1/10000s Pan / Tilt Movement Pan Movement ±170° Image Flip, Mirror and Freeze: Supported Power Supply DC 12V / PoE+ (802.3at) Current Consumption 2A (Max)</p>	
3.2	32224000-9	<b>Mixer Video</b>	buc	1	<p>8-channel NDI Switcher and PTZ Controller Video format Full HD Video processing capability Input: (8) channels 1080p60, Output: 1080p60 (HDMI) + 1080p60 (IP) + 720p60 (IP) Video input 8 channels IP video capture + 1 channel HDMI + local video file Video output 1 channel IP video streaming + 1 channel HDMI + local recording Live video H.264, H.265 Live video bitrate 512Kbps ~ 16384Kbps Live video bitrate mode CBR Network input protocol NDI HX2, RTSP, RTMP Network output protocol RTSP, RTMP Audio input Stereo RCA left/right input Stereo TRS 6.3mm (1/4")-Compatible with active and passive signals Video embedded audio input Audio output Stereo RCA left/right output Video embedded audio output Audio mixer 4 physical audio faders + 8 digital audio faders Transition control, T-Bar, cut/auto buttons, touch screen Tally DB9 output USB Port 2 x USB3.0, 2 x USB2.0 Camera Control Supports PTZ, focus, exposure, balance, position control Input voltage DC 12V POE 802.3AT</p>	
3.3	32420000-3	<b>Network switch</b>	buc	1	<p>Managed network switch 24x1G PoE+ 480W 2x1G and 4xSFP+ Switching engineered for 1G AV over IP with rear-facing ports ensuring a clean integration in AV racks. AV Line Managed Switch 24-port 10/100/1000BASE-T (RJ45) PoE+ with 480W PoE budget 2-port 10/100/1000BASE-T (RJ45) 4-port 1000/10GBASE-X (SFP+) 132 Gbps non-blocking fabric across 30 ports Out-of-band 1G Ethernet management port USB-C and RJ45 RS232 console ports and USB-A storage port Front black display panel and all ports in the back Reversed mounting with ports in the front Rack-mounting standard brackets</p>	

					Longer brackets for recessed mounting Threaded holes on the bottom (4xM5) for 50x100mm VESA plates Selectable fan modes for fanless, quiet, or cool operation	
3.4	32224000-9	<b>Suport cameră</b>	buc	8	Suport cameră Universal small-base PTZ camera mounts	
3.5	32350000-1	<b>Cablu</b>	buc	2	Cablu UTP (305m) (Categoria 6)	
3.6	32350000-1	<b>Conectori</b>	buc	100	Conector RJ-45 (Categoria 6)	
3.7		<b>Instalare</b>			Materiale și elemente pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora; Lucrările de montare, precum și operațiunile de instalare, ajustare; Sistemul va fi predat la cheie; Garanția hardware minim 3 ani.	
<b>Lotul nr. 4</b>						<b>140000,00</b>
4.1	38651100-4	<b>Video lens</b>	buc	1	Maximum Aperture f/4 Minimum Aperture f/22 Lens Mount E Mount Lens Format Coverage Full-Frame Angle of View 34° to 12° 30' Minimum Focus Distance 26 cm Maximum Magnification 0.5x Optical Design 19 Elements in 13 Groups Diaphragm Blades 9, Rounded Focus Type Autofocus Image Stabilization Yes Tripod Collar Removable and Rotating Filter Size 72 mm (Front) (included transparent filter)	
4.2	38650000-6	<b>Filter video lens</b>	buc	2	Filter Type Mist (Grade 1/8) Filter Factor Not Specified by Manufacturer Circular Size 82 mm Filter Thread Front Accessory Thread / Bayonet 82 mm Filter Material Glass Ring Material Aluminum Knurling Top	
4.3	31520000-7	<b>Light</b>	buc	1	Item Type 1 x LED Flexible Light Included Light Modifier 1 x Softbox Included Filters Diffusion Included Storage Case 1 x Case Photometrics 2700K: 11,500 Lux at 1 m; 3200K: 12,600 Lux at 1 m; 4300K: 14,200 Lux at 1 m; 5600K: 14,700 Lux at 1 m; 6500K: 14,300 Lux at 1 m; 8500K: 13,800 Lux at 1 m Color Temperature 2700 to 8500K Color Modes Daylight, Tungsten Color Accuracy Standard CRI 96; TLCI 96 Dimming Built-In Dimmer 0 to 100% Wireless Remote Control Type Bluetooth; Wi-Fi; Wireless DMX 1 x XLR 5-Pin Locking Male Wireless Range 300 m (included) Power Source AC Power (Cable Included); Power Supply/Controller (Included) To Power Supply/Controller: 1 x Built-In Cable with Proprietary Power Input Power Supply/Controller 1 x Unspecified AC Power Input; 1 x XLR 5-Pin DMX Input; 1 x XLR 5-Pin DMX Output 1 x USB-A Power/Remote Input/Output Battery Plate Type 2 x V-Mount (Built-In) Battery 2 x V-Mount Rechargeable (Included) AC Input Power 120 to 240 VAC, 50 / 60 Hz at 4.1 A Included Adapter / Cable 1 x Unspecified to Unspecified Cable	
4.4	31520000-7	<b>Stand light</b>	buc	2	Maximum Working Height 285 cm Load Capacity min 10 kg Number of Sections 4 Leg Shape Round Finish Black Material Metal	
4.5	31520000-7	<b>Light equipment</b>	buc	2	Portable Bi-color SMD Panel LED light (3 light in kit) 480pcs edge mounted SMD-LEDs Unique 90° light guide technology 90W power, 2200Lux @ 1meter 0-100% flick-free dimming, 70° effective wide beam angle 2700K-6500K continuously adjustable Super high CRI Ra 98, TLCI 99	

					LCD display color, dimmer and battery info Power by V-mount / Gold mount battery Strong all-metal housing with U-stand Provide portable 3-light kit Include AC-DC adaptor	
4.6	31520000-7	<b>Flag</b>	buc	2	76X90 cm Black Flag, Weight 1.6 kg, Height 90 cm	
4.7	32224000-9	<b>Plate V-mount</b>	buc	1	Power Output DC Jack: 19.5 VDC Camera Power Method Connector Inputs/Outputs 3 x D-Tap Plate Front / Battery Mount V-Mount Number of Battery Bays 1 Indicator LED	
4.8	32224000-9	<b>Charger V-Mount</b>	buc	2	Mount / Series Type V-Mount Chemistry Lithium-Ion Battery Capacity 4 x 6600 mAh / 98 Wh (included) Output Voltage 14.8 VDC; 10 A 1 x D-Tap Input/Output 1 x USB Type-A Output USB Output 5 V, 3 A	
<b>Valoarea estimativă totală fără TVA</b>						<b>2104583,33</b>

9. În cazul procedurilor de preselecție se indică numărul minim al candidaților și, dacă este cazul, numărul maxim al acestora. - \_\_\_\_\_
10. În cazul în care contractul este împărțit pe loturi un operator economic poate depune oferta (se va selecta):
- 1) Pentru un singur lot;
  - 2) **Pentru mai multe loturi;**
  - 3) Pentru toate loturile;
  - 4) Alte limitări privind numărul de loturi care pot fi atribuite aceluiași ofertant
11. Admiterea sau interzicerea ofertelor alternative: *nu se admite*
12. Termenii și condițiile de livrare/prestare solicitate: *Livrarea bunurilor în decurs de 55 zile de la intrarea contractului în vigoare, iar prestarea serviciilor în decurs de 5 zile de la solicitarea Cumpărătorului.*
13. Termenul de valabilitate a contractului: *31.12.2024*
14. Contract de achiziție rezervat atelierelor protejate sau că acesta poate fi executat numai în cadrul unor programe de angajare protejată (după caz): *nu*
15. Prestarea serviciului este rezervată unei anumite profesii în temeiul unor legi sau al unor acte administrative (după caz): *nu*
16. Scurta descriere a criteriilor privind eligibilitatea operatorilor economici care pot determina eliminarea acestora și a criteriilor de selecție/de preselecție; nivelul minim (nivelurile minime) al (ale) cerințelor eventual impuse; se menționează informațiile solicitate (DUAЕ, documentație):

nr	Scurtă descriere a criteriilor de selecție	Nivelul minim/Obligativitatea
1	Specificații tehnice completată în conformitate cu Anexa nr. 22	- în original semnat electronic; Obligativiu
2	Specificații de preț completată în conformitate cu Anexa nr. 23	- în original semnat electronic; Obligativiu
3	Garanția pentru ofertă 1% – formularul garanției bancare completată în conformitate cu Anexa nr. 9	- în original, garanție bancară în original, emisă de o bancă comercială; sau - Transfer pe contul IP Compania „Teleradio-Moldova”, Beneficiarul plății: IP Compania „Teleradio-Moldova” Denumirea Băncii: BC „Moldindconbank” SA Codul fiscal: 1004600050558 Contul de decontare: MD47ML00000002251206328 Contul bancar: MOLDM2X306 Obligativiu

		Termenul de valabilitate al garanției să fie valabil pe perioada de valabilitate a ofertei – 60 zile din ziua depunerii ofertelor;	
4	Document unic de achiziții european	- în original semnat electronic;	Obligativ
5	Cerere de participare completată în conformitate cu Anexa nr. 7	- în original semnat electronic;	Obligativ
6	Declarație privind valabilitatea ofertei completată în conformitate cu Anexa nr. 8	- în original semnat electronic;	Obligativ
Acte solicitate prin DUAE, conform art. 20 alin.8, Legea nr. 131 din 03.07.2015, privind achizițiile publice, ofertantul clasat pe primul loc va prezenta (prin mijloace electronice, cu aplicarea semnăturii electronice) în termen de 3 zile, la solicitarea autorității contractante, documentele justificative actualizate prin care va demonstra îndeplinirea tuturor criteriilor de calificare și selecție			
7	Dovada înregistrării juridice	emis de organul abilitat – în original/copie semnat electronic;	Obligativ
8	Certificat de atribuire al contului bancar	eliberat de banca deținătoare de cont, în original/copie semnat electronic;	Obligativ
9	Certificat de efectuare sistematică a plății impozitelor, contribuțiilor	eliberat de Inspectoratul Fiscal (valabilitatea certificatului – conform cerințelor Inspectoratului Fiscal al Republicii Moldova), în original semnat electronic;	Obligativ
10	Situație financiară	raportul financiar în original/copie pentru ultimul an, aprobat de către Direcția Generală pentru Statistică sau însoțite de recipisa de primire de către Direcția Generală pentru Statistică autentificat prin semnătură electronică	Obligativ
11	Declarație privind lista principalelor livrări/prestări efectuate în ultimii 3 ani de activitate completată în conformitate cu Anexa nr. 12	în original semnat electronic;	Obligativ
12	Declarație privind confirmarea faptului că producătorul/distribuitorul de echipamente electrice și electronice (EEE) este inclus în Lista producătorilor de produse supuse reglementarilor de responsabilitate extinsă a producătorilor	Numărul de înregistrare din „Lista producătorilor” conform Regulamentului privind deșeurile de echipamente electrice și electronice aprobat prin H.G. nr. 212 din 07.03.2018	Obligativ
13	Declarație privind confirmarea identității beneficiarilor efectivi și neîncadrarea acestora în situația condamnării pentru participarea la activități ale unei organizații sau grupări criminale, pentru corupție, fraudă și/sau spălare de bani.	Aprobat prin Ordinul MF nr. 145 din 24.11.2020, completată în conformitate cu Formularul - în original semnat electronic;  *Se va prezenta în termen de 5 zile de către operatorul economic desemnat câștigător.	Obligativ
14	Garanția de bună execuție a contractului 5% din valoarea contractului inclusiv TVA	Transfer la contul I.P. Compania „Teleradio-Moldova”, Beneficiarul plății: I.P. Compania „Teleradio-Moldova” Denumirea Băncii: B.C. „Moldindconbank” SA Codul fiscal: 1004600050558 Contul de decontare: MD47ML000000002251206328 Contul bancar: MOLDM2X306  *Se va prezenta până la semnarea contractului.	Obligativ

17. Garanția pentru ofertă, după caz - *Da, cuantumul de 1%, din valoarea ofertei fără TVA.*
18. Garanția de bună execuție a contractului, după caz - *Da, cuantumul 5% din valoarea contractului, inclusiv TVA.*
19. Motivul recurgerii la procedura accelerată (în cazul licitației deschise, restrânse și a procedurii negociate), după caz   nu
20. Tehnici și instrumente specifice de atribuire (dacă este cazul specificați dacă se va utiliza acordul-cadru, sistemul dinamic de achiziție sau licitația electronică): *Licitație electronică, 3 runde, valoarea pasului minim 1%.*
21. Condiții speciale de care depinde îndeplinirea contractului (indicați după caz):   nu
22. Ofertele se prezintă în valuta LEI MD
23. Criteriul de evaluare aplicat pentru atribuirea contractului: *prețul cel mai scăzut pe lot și corespunderea cerințelor caietului de sarcini.*
24. Termenul limită de depunere/deschidere a ofertelor:

- conform SIA RSAP

25. Adresa la care trebuie transmise ofertele sau cererile de participare:  
*Ofertele sau cererile de participare vor fi depuse electronic prin intermediul SIA RSAP*

26. Termenul de valabilitate a ofertelor: 60 zile

27. Locul deschiderii ofertelor: SIA RSAP

*Ofertele întârziate vor fi respinse.*

28. Persoanele autorizate să asiste la deschiderea ofertelor:

*Ofertanții sau reprezentanții acestora au dreptul să participe la deschiderea ofertelor, cu excepția cazului când ofertele au fost depuse prin SIA RSAP.*

29. Limba sau limbile în care trebuie redactate ofertele sau cererile de participare: Română

30. Respectivul contract se referă la un proiect și/sau program finanțat din fonduri ale Uniunii Europene: nu

31. Denumirea și adresa organismului competent de soluționare a contestațiilor:

*Agenția Națională pentru Soluționarea Contestațiilor*

*Adresa: mun. Chișinău, bd. Ștefan cel Mare și Sfânt nr.124 (et.4), MD 2001;*

*Tel/Fax/email:022-820 652, 022 820-651, contestatii@ansc.md*

32. Data (datele) și referința (referințele) publicărilor anterioare în Jurnalul Oficial al Uniunii Europene privind contractul (contractele) la care se referă anunțul respectiv (dacă este cazul): da

33. În cazul achizițiilor periodice, calendarul estimat pentru publicarea anunțurilor viitoare: nu

34. Data publicării anunțului de intenție sau, după caz, precizarea că nu a fost publicat un astfel de anunț: BAP nr. 1 din 05.01.2024

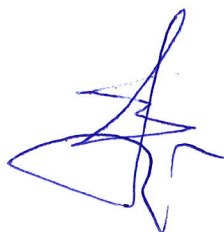
35. Data transmiterii spre publicare a anunțului de participare: Conform SIA RSAP

36. În cadrul procedurii de achiziție publică se va utiliza/accepta:

Denumirea instrumentului electronic	Se va utiliza/accepta sau nu
Depunerea electronică a ofertelor sau a cererilor de participare	da
Sistemul de comenzi electronice	nu
Facturarea electronică	da
Plățile electronice	da

37. Contractul intră sub incidența Acordului privind achizițiile guvernamentale al Organizației Mondiale a Comerțului (numai în cazul anunțurilor transmise spre publicare în Jurnalul Oficial al Uniunii Europene): da

Președintele grupului de lucru:



Ion Stratulat