

Specificații tehnice(F4.1)

[Acest tabel va fi completat de către ofertant în coloanele 3, 4, 5, 7, iar de către autoritatea contractantă – în coloanele 1, 2, 6, 8]

Numărul procedurii de achiziție _____ din _____ ocde-b3wdp1-MD-1571835034023
Denumirea procedurii de achiziție: Camere video cu trepid și accesorii HD

Cod CPV	Denumirea bunurilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standard de referință
1	2	3	4	5	6	7	8
	Bunuri						
32333200-8	Camcorder\ (set)	6x PXW-Z190 12xHED-BP95D 6x S-3602U 6x Cam-WS- PXWZ190-Z280	China China China France	Sony Hedbox SWIT Camrade	Camcorder <u>Camera:</u> Imaging Device - 1/3 type Exmor R 3CMOS sensor Effective Picture Elements- 3840 (H) x 2160 (V) Horizontal Resolution - 2,000 TV lines or more (3840 x 2160p mode) Optical System - F1.6 prism system Built-in Optical FiltersND filters - OFF: CLEAR; 1: 1/4ND; 2: 1/16ND; 3: 1/64ND Shutter Speed - 1/24 sec to 1/8,000 sec Slow Shutter (SLS) - 2, 3, 4, 5, 6, 7, 8, 16, 32, and 64-frame accumulation White Balance - Preset (3200K), Memory A, Memory B/ATW Gain -3, 0, 3, 6, 9, 12, 15, 18 dB, 30 dB (Turbo Gain ON), AGC Selectable Gamma Curve <u>Lens</u> Lens Mount - Fixed type	Camcorder <u>Camera:</u> Imaging Device - 1/3 type Exmor R 3CMOS sensor Effective Picture Elements- 3840 (H) x 2160 (V) Horizontal Resolution - 2,000 TV lines or more (3840 x 2160p mode) Optical System - F1.6 prism system Built-in Optical FiltersND filters - OFF: CLEAR; 1: 1/4ND; 2: 1/16ND; 3: 1/64ND Shutter Speed - 1/24 sec to 1/8,000 sec Slow Shutter (SLS) - 2, 3, 4, 5, 6, 7, 8, 16, 32, and 64-frame accumulation White Balance - Preset (3200K), Memory A, Memory B/ATW Gain -3, 0, 3, 6, 9, 12, 15, 18 dB, 30 dB (Turbo Gain ON), AGC Selectable Gamma Curve <u>Lens</u> Lens Mount - Fixed type	

				Zoom Ratio - 25x Focal Length - 3.7 mm to 92.5 mm Iris - Auto/manual swichable, F1.6 to F11 and C Focus - 800 mm to ∞ (Macro Off), 10 mm to ∞ (Macro On, Wide), 800 mm to ∞ (Macro On, Tele), AF/MF/Full MF selectable Image Stabilizer - On/Off selectable, shift lens Filter Diameter - M 82 mm <u>Input/Output</u> Audio Input XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable; LINE : +4, 0, -3dBu/10kΩ; MIC : -80dBu to -30dBu /3kΩ Audio Output - Integrated into Multi/Micro USB jack(x1) Headphone Output- Stereo mini jack (x1) SDI OutputBNC (x1), 3G/HD/SD selectable HDMI OutputHDMI connector (Type A) USB device, Multi/Micro USB jack (x1); Host: USB 3.0/2.0 type A(x1); USB 2.0 type A(x1) Wired LANRJ-45 (x1), 1000BASE-T, 100BASE-T, 10BASE-T <u>Monitoring</u> Viewfinder - 0.39 type; LCD - 3.5 type <u>Media</u> - MS/SD(1),SD(1) <u>Recording Frame Rate</u> XAVC Long: XAVC-L QFHD 150 mode: 3840 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P XAVC-L HD 50 mode: 1920 x 1080/59.94P, 50P, 59.94i, 50i, 29.97P, 23.98P, 25P 1280 x 720/59.94P, 50P XAVC-L HD 35 mode: 1920 x 1080/59.94P, 50P, 59.94i, 50i, 29.97P, 23.98P, 25P	Zoom Ratio - 25x Focal Length - 3.7 mm to 92.5 mm Iris - Auto/manual swichable, F1.6 to F11 and C Focus - 800 mm to ∞ (Macro Off), 10 mm to ∞ (Macro On, Wide), 800 mm to ∞ (Macro On, Tele), AF/MF/Full MF selectable Image Stabilizer - On/Off selectable, shift lens Filter Diameter - M 82 mm <u>Input/Output</u> Audio Input XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable; LINE : +4, 0, -3dBu/10kΩ; MIC : -80dBu to -30dBu /3kΩ Audio Output - Integrated into Multi/Micro USB jack(x1) Headphone Output- Stereo mini jack (x1) SDI OutputBNC (x1), 3G/HD/SD selectable HDMI OutputHDMI connector (Type A) USB device, Multi/Micro USB jack (x1); Host: USB 3.0/2.0 type A(x1); USB 2.0 type A(x1) Wired LANRJ-45 (x1), 1000BASE-T, 100BASE-T, 10BASE-T <u>Monitoring</u> Viewfinder - 0.39 type; LCD - 3.5 type <u>Media</u> - MS/SD(1),SD(1) <u>Recording Frame Rate</u> XAVC Long: XAVC-L QFHD 150 mode: 3840 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P XAVC-L HD 50 mode: 1920 x 1080/59.94P, 50P, 59.94i, 50i, 29.97P, 23.98P, 25P 1280 x 720/59.94P, 50P XAVC-L HD 35 mode: 1920 x 1080/59.94P, 50P, 59.94i, 50i, 29.97P, 23.98P, 25P	
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					XAVC-L HD 25 mode: 1920 x 1080/59.94i, 50i DVCAM: 720 x 480/59.94i, 29.97PsF 720 x 576/50i, 25PsF <u>Include accessories</u> Two batteries - capacity minimum 95 Wh, 1 x D-Tap 50W, 3.5A, 1 x USB Type-A 5W, 1A, LED power indicator AC Adapter/charger USB cable Protective Rain Cover	XAVC-L HD 25 mode: 1920 x 1080/59.94i, 50i DVCAM: 720 x 480/59.94i, 29.97PsF 720 x 576/50i, 25PsF <u>Include accessories</u> Two batteries - capacity minimum 95 Wh, 1 x D-Tap 50W, 3.5A, 1 x USB Type-A 5W, 1A, LED power indicator AC Adapter/charger USB cable –incl: in Camcorder Box Protective Rain Cover	
30233100-2	Memory Card	12x SDSXXY-064G-GN4IN	China	Sandisk	Memory Card (compatible with the camcorder of heading no.1) -UHS-I / V30 / U3 / Class 10 / SDXC -Capacity 64Gb -Up to 170/90MB/s read/write speeds -Built-in write-protect switch prevents accidental data loss	Memory Card (compatible with the camcorder of heading no.1) -UHS-I / V30 / U3 / Class 10 / SDXC -Capacity 64Gb -Up to 170/90MB/s read/write speeds -Built-in write-protect switch prevents accidental data loss	
32000000-3	Transport Camera Case	6x CAM-R&GBACKP-MEDIUM	France	Camrade	Transport Camera Backpack (pentru camera video și accesorii de la poziția nr.1) - Backpack designed to carry and protect your video camera and all its related items - Internal divider system for arranging gear as needed - Integrated rain and dust cover	Transport Camera Backpack (pentru camera video și accesorii de la poziția nr.1) - Backpack designed to carry and protect your video camera and all its related items - Internal divider system for arranging gear as needed Integrated rain and dust cover	
32000000-3	Fluid head and Tripod (compatibil cu camera video de la poziția nr.1)	6x System FSB 6 T FT MS	Costa Rica	Sachtler	Fluid head and Tripod (equivalent System FSB 6 T FT MS) Interface Compatibility - Touch & Go Interval glisant - 60 mm Bowl size - 75 mm Material - Carbon Fibre Tripod stages - 2 Payload - 1.50 to 8 kg Tilt range - 90° to -70° Height with spreader - 0.78 to 1.73 m Height without spreader - 0.41 to 1.69 m Spreader type - Mid-level spreader Pan bar count - 1 Counterbalance - 10 counterbalance steps Drag - 3 + 0 horizontal and vertical grades of drag Rubber Feet Padded bag for tripod	Fluid head and Tripod (equivalent System FSB 6 T FT MS) Interface Compatibility - Touch & Go Interval glisant - 60 mm Bowl size - 75 mm Material - Carbon Fibre Tripod stages - 2 Payload - 1.50 to 8 kg Tilt range - 90° to -70° Height with spreader - 0.78 to 1.73 m Height without spreader - 0.41 to 1.69 m Spreader type - Mid-level spreader Pan bar count - 1 Counterbalance - 10 counterbalance steps Drag - 3 + 0 horizontal and vertical grades of drag Rubber Feet Padded bag for tripod	

32000000-3	Camcorder Shoulder Support	2x VCT-SP2BP	Japan	Sony	Camcorder Shoulder Support (compatible with the camcorder of heading no.1) Multi-function Camcorder Shoulder Support Three-point support - at the handle, shoulder, and chest Allows modification the length of the shoulder and chest braces	Camcorder Shoulder Support (compatible with the camcorder of heading no.1) Multi-function Camcorder Shoulder Support Three-point support - at the handle, shoulder, and chest Allows modification the length of the shoulder and chest braces	
32210000-8	Camera Light	12 x S-2240F	China	Swit	Camera Light 60 pcs SMD LEDs 3200K-5600K continuously adjustable 10%-100% flick-free dimming 300Lux @ 1 meter center Beam angle LED 120°; Half decline at 68° Color performance CRI Ra≥93; TLCI≥97 DC 6-17V input from D-tap Include ball head, diffuser, and bag	Camera Light 60 pcs SMD LEDs 3200K-5600K continuously adjustable 10%-100% flick-free dimming 300Lux @ 1 meter center Beam angle LED 120°; Half decline at 68° Color performance CRI Ra≥93; TLCI≥97 DC 6-17V input from D-tap Include ball head, diffuser, and bag	
32341000-5	Camera Mount Wireless Microphone System	6x UTX-M03/K33 6x DS7425 12xAA-NIMH2500 12x UTX-B03/K33 24xAA-NIMH2500 6xURX-P03D /K33 12xAA-NIMH2500 6x SMAD-P3D	Korea China China Korea China Korea China Korea	Sony On-Stage Watson Sony Watson Sony Watson Sony	Camera Mount Wireless Microphone System <u>Handheld</u> wireless microphone Carrier Frequencies - 566.025 MHz to 633.000 MHz Capsule Type - Dynamic Directivity - Uni-directional Maximum Input Level - 151 dB Audio Attenuator Adjustment Range - 0 dB to 21 dB Signal-to-Noise Ratio - 96dB Display – LCD Power - DC 3.0 V with two AA-size batteries Includes two AA batteries with 2500 - 2700mAh capacity Includes Tripod desktop stand & Clamp for Handheld wireless microphone <u>Bodypack Transmitter</u> - x2 (includes two pieces) Carrier Frequencies - 566.025 MHz to	Camera Mount Wireless Microphone System <u>Handheld</u> wireless microphone Carrier Frequencies - 566.025 MHz to 633.000 MHz Capsule Type - Dynamic Directivity - Uni-directional Maximum Input Level - 151 dB Audio Attenuator Adjustment Range - 0 dB to 21 dB Signal-to-Noise Ratio - 96dB Display – LCD Power - DC 3.0 V with two AA-size batteries Includes two AA batteries with 2500 - 2700mAh capacity Includes Tripod desktop stand & Clamp for Handheld wireless microphone <u>Bodypack Transmitter</u> - x2 (includes two pieces) Carrier Frequencies - 566.025 MHz to	

					633.000 MHz Capsule Type - Electret condenser Directivity - Omni-directional Input Connector - 3-pole locking mini jack Reference Input Level - MIC: -60 dBV / LINE: +4 dBu Signal-to-Noise Ratio - 96dB Display – LCD Power - DC 3.0 V with two AA-size batteries Includes two AA batteries with 2500 - 2700mAh capacity <u>Portable Receiver 2-channel</u> Number of Audio Channels - 2 Carrier Frequencies - 566.025 MHz to 633.000 MHz Analog Input - 3-pole mini jack, unbalanced Analog Input Level - -50dBV Analog Output - 3-pole mini jack, unbalanced Analog Output Level - -60dBV Analog Output Adjust Range - -12dB - +12dB Headphone Output ϕ - 3.5 mm stereo mini jack Headphone Output Level - 5 mW Display – LCD Power - DC 3.0 V with two AA-size batteries Includes two AA batteries with 2500 - 2700mAh capacity Include Multi Interface Shoe adaptor (Dual Channel) if Portable Receiver and Camcorder allow this technology.	633.000 MHz Capsule Type - Electret condenser Directivity - Omni-directional Input Connector - 3-pole locking mini jack Reference Input Level - MIC: -60 dBV / LINE: +4 dBu Signal-to-Noise Ratio - 96dB Display – LCD Power - DC 3.0 V with two AA-size batteries Includes two AA batteries with 2500 - 2700mAh capacity <u>Portable Receiver 2-channel</u> Number of Audio Channels - 2 Carrier Frequencies - 566.025 MHz to 633.000 MHz Analog Input - 3-pole mini jack, unbalanced Analog Input Level - -50dBV Analog Output - 3-pole mini jack, unbalanced Analog Output Level - -60dBV Analog Output Adjust Range - -12dB - +12dB Headphone Output ϕ - 3.5 mm stereo mini jack Headphone Output Level - 5 mW Display – LCD Power - DC 3.0 V with two AA-size batteries Includes two AA batteries with 2500 - 2700mAh capacity Include Multi Interface Shoe adaptor (Dual Channel) if Portable Receiver and Camcorder allow this technology.	
32342100-3	Headphones	6 x Urbanite XLBK	Germany	Sennheiser	Headphones Impedance 18 Ω Connector 3.5 mm low profile angled plug Frequency response (Headphones) 16– 22000 Hz Sound pressure level (SPL) 110 dB @ 1 kHz & 1 Vrms THD, total harmonic distortion < 0.5	Headphones Impedance 18 Ω Connector 3.5 mm low profile angled plug Frequency response (Headphones) 16– 22000 Hz Sound pressure level (SPL) 110 dB @ 1 kHz & 1 Vrms THD, total harmonic distortion < 0.5	

					% (1 kHz, 100 dB) Ear coupling Circum-aural Cable length 1.2 m Transducer principle Dynamic, closed Sensitivity -44 dB V/Pa Color black	% (1 kHz, 100 dB) Ear coupling Circum-aural Cable length 1.2 m Transducer principle Dynamic, closed Sensitivity -44 dB V/Pa Color black	
32237000-3	Video Link Transmitter And Receiver	Blitz 500 Pro Full Kit	China	Ikan	Video Link Transmitter And Receiver (equivalent Ikan Blitz 500) Wireless 1 x Transmitter and 1 x Receiver Wireless Range - 500' / 152.4 m (Line-of-Sight) Channel Bandwidth - 40 MHz Frequency Range - 5.1 to 5.9 GHz Latency < 1 ms RF Power ≤ 17 dBm Wireless Video Compression - Uncompressed Interfaces: Transmitter Antenna Ports 2 x RP- SMA Female Transmitter Video Connectors-1 x HDMI (3G-SDI) Input; 1 x BNC (3G-SDI) Input; 1 x BNC Receiver Video Connectors -2 x BNC (3G-SDI) Output; 1 x HDMI (HDMI 1.4) Output Transmitter Audio Connectors - 1 x 1/8" / 3.5 mm TRS Stereo Analog Input Transmitter Other I/O - 1 x USB Mini-B USB 2.0 Input Receiver Other I/O - 1 x USB Mini-B Input Input Audio Format: SDI Embedded 4 Channel 24-bit / 48KHz Input Video Format: HDMI: 525i, 625i, 720p 50/59.94/60 1080i 50/59.94 1080p 23.98/24/25/29.97/30/50/59.94/60 SDI: 3G, HD, and SD-SDI (Auto Selected) SMPTE-259/274/292/296/372/424/425 Output Video Format: HDMI: 525i, 625i, 720p 50/59.94/60 1080i 50/59.94 60 1080i 50/59.94 1080p 23.98/24/25/29.97/30/50/59.94/60 SDI: 3G, HD, and SD-SDI (Auto Selected) SMPTE259/274/292/296/372/424/425	Video Link Transmitter And Receiver (equivalent Ikan Blitz 500) Wireless 1 x Transmitter and 1 x Receiver Wireless Range - 500' / 152.4 m (Line-of-Sight) Channel Bandwidth - 40 MHz Frequency Range - 5.1 to 5.9 GHz Latency < 1 ms RF Power ≤ 17 dBm Wireless Video Compression - Uncompressed Interfaces: Transmitter Antenna Ports 2 x RP- SMA Female Transmitter Video Connectors-1 x HDMI (3G-SDI) Input; 1 x BNC (3G-SDI) Input; 1 x BNC Receiver Video Connectors -2 x BNC (3G-SDI) Output; 1 x HDMI (HDMI 1.4) Output Transmitter Audio Connectors - 1 x 1/8" / 3.5 mm TRS Stereo Analog Input Transmitter Other I/O - 1 x USB Mini-B USB 2.0 Input Receiver Other I/O - 1 x USB Mini-B Input Input Audio Format: SDI Embedded 4 Channel 24-bit / 48KHz Input Video Format: HDMI: 525i, 625i, 720p 50/59.94/60 1080i 50/59.94 1080p 23.98/24/25/29.97/30/50/59.94/60 SDI: 3G, HD, and SD-SDI (Auto Selected) SMPTE-259/274/292/296/372/424/425 Output Video Format: HDMI: 525i, 625i, 720p 50/59.94/60 1080i 50/59.94 60 1080i 50/59.94 1080p 23.98/24/25/29.97/30/50/59.94/60 SDI: 3G, HD, and SD-SDI (Auto Selected) SMPTE259/274/292/296/372/424/425	

					Includes: 2 x Battery 2 x 5GHz Antennas (SMA Female) 2 x 5GHz Mushroom Antennas (SMA Female) 1 x Dual Battery Charger 1 x Power Adapter for Receiver 1 x Hard Case	Includes: 2 x P-Tap to Lemo Cables 2 x Battery 2 x 5GHz Antennas (SMA Female) 2 x 5GHz Mushroom Antennas (SMA Female) 1 x Dual Battery Charger 1 x Transmitter 1 x Shoemount Adapter for Transmitter 1 x Receiver 1 x Power Adapter for Receiver 1 x Hard Case 1 x Clamp 1 x Articulating Arm	
	TOTAL						

Semnata: _____

Numele, Prenumele: Zurab Gegenava

În calitate de: General Director

Ofertantul: LLC „Innovator”

Adresa: Marijani Str 2, 0186, Tbilisi, Georgia

Andrei Rogac, legal representative via Power of Attorney from 08.11.2019 / reprezentant prin Procura din 08.11.2019.