

Specificații tehnice (F4.1)

Numărul procedurii de achiziție publice: 21012031

Denumirea licitației: Servicii de organizare de evenimente culturale pentru 29 septembrie 2019, Ziua Internațională a Muzicii

Denumirea serviciilor		Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant (col. va fi completat de către ofertant)	Standarde de referință
1	2	3	4	5
LOT 1. 79900000-3 - Servicii de organizare de evenimente culturale pentru 29 septembrie 2019, Ziua Internațională a Muzicii				
1.1	Boxe	25 KW	10000 W Peak power - 2500 W RMS 141 dB max SPL 30 Hz - 120 Hz frequency response 2 x 18" Woofer DSP controlled Input section with selectable presets Delay control Integrated mechanics for multiple configuration with HDL 20-A Baltic birch tour grade cabinet	10000 W Peak power - 2500 W RMS 141 dB max SPL 30 Hz - 120 Hz frequency response 2 x 18" Woofer DSP controlled Input section with selectable presets Delay control Integrated mechanics for multiple configuration with HDL 20-A Baltic birch tour grade cabinet
1.2	Mixer	1 buc.	9U fixed format MixRack 4 mic/line in, 32 XLR out* Can process 64 in digital mic split applications 64x32 RackExtra DSP with 8 stereo FX ACE™ Surface link plus Port B network option Built in 3 port Ethernet switch Network bridges to Surface via ACE™ MIDI and PL-Anet ports Built in headphone amp with level control External iPS10 redundant power supply option	9U fixed format MixRack 4 mic/line in, 32 XLR out* Can process 64 in digital mic split applications 64x32 RackExtra DSP with 8 stereo FX ACE™ Surface link plus Port B network option Built in 3 port Ethernet switch Network bridges to Surface via ACE™ MIDI and PL-Anet ports Built in headphone amp with level control External iPS10 redundant power supply option
1.3	Monitor	6 buc.	15" Passive 2-Way High-Power Multi-Functional 2-Way Cabinet, 500W 8 Ohms Rotatable CAD-optimized 90° x 45° Constant Directivity Horn Switchable to Biamped Mode 15" Neodymium DND 15400 Woofer, 1.4"	15" Passive 2-Way High-Power Multi-Functional 2-Way Cabinet, 500W 8 Ohms Rotatable CAD-optimized 90° x 45° Constant Directivity Horn Switchable to Biamped Mode 15" Neodymium DND 15400 Woofer, 1.4"



			Neodymium ND6 Driver Voice Coil Tracking Protection	Neodymium ND6 Driver Voice Coil Tracking Protection
1.4	Microfon	4 buc.	Transparent 24-bit digital audio captures every performance detail Over 120 dB of dynamic range eliminates transmitter gain adjustments Easy pairing of transmitters and receivers over IR scan and sync Automatic channel scan quickly and easily finds a clean frequency Networked channel scan configures open frequencies for connected receivers Remote monitoring and control from iOS devices via ShurePlus™ Channels Mobile App AES-256 encryption comes standard for secure wireless transmission Elegant and easy-to-use interface with high-contrast LCD menu AMX/Creston control system ready Professional-grade, all metal construction	Transparent 24-bit digital audio captures every performance detail Over 120 dB of dynamic range eliminates transmitter gain adjustments Easy pairing of transmitters and receivers over IR scan and sync Automatic channel scan quickly and easily finds a clean frequency Networked channel scan configures open frequencies for connected receivers Remote monitoring and control from iOS devices via ShurePlus™ Channels Mobile App AES-256 encryption comes standard for secure wireless transmission Elegant and easy-to-use interface with high-contrast LCD menu AMX/Creston control system ready Professional-grade, all metal construction
1.5	Microfon	2 buc.	Type Dynamic (moving coil) Frequency Response 50 to 16,000 Hz Polar Pattern Supercardioid, rotationally symmetrical about microphone axis, uniform with frequency. Output Level Open Circuit Voltage: -51.5 dBV/Pa* (2.6 mV) *1 Pa = 94 dB SPL	Type Dynamic (moving coil) Frequency Response 50 to 16,000 Hz Polar Pattern Supercardioid, rotationally symmetrical about microphone axis, uniform with frequency. Output Level Open Circuit Voltage: -51.5 dBV/Pa* (2.6 mV) *1 Pa = 94 dB SPL
1.6	Microfon	24 buc.	Type Dynamic Frequency Response 40 to 15,000 Hz Polar Pattern Unidirectional (cardioid), rotationally symmetrical about microphone axis, uniform with frequency.	Type Dynamic Frequency Response 40 to 15,000 Hz Polar Pattern Unidirectional (cardioid), rotationally symmetrical about microphone axis, uniform with frequency.
1.7	Microfon	6 buc.	Type Condenser (electret bias) Frequency Response 20 to 20,000 Hz Polar Pattern Cardioid (unidirectional) response-uniform with frequency, symmetrical about axis	Type Condenser (electret bias) Frequency Response 20 to 20,000 Hz Polar Pattern Cardioid (unidirectional) response-uniform with frequency, symmetrical about axis



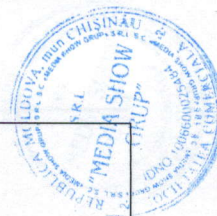
1.8	Microfon	2 buc.	Dimensions Ø 33 x 59 mm Connector XLR-3 Frequency response (Microphone) 40 - 18000 Hz Weight Without cable: 60 g Sensitivity in free field, no load (1kHz) 1,8 mV/Pa Nominal impedance 350 Ω Min. terminating impedance 1000 Ω Weight w/o cable 60 g	Dimensions Ø 33 x 59 mm Connector XLR-3 Frequency response (Microphone) 40 - 18000 Hz Weight Without cable: 60 g Sensitivity in free field, no load (1kHz) 1,8 mV/Pa Nominal impedance 350 Ω Min. terminating impedance 1000 Ω Weight w/o cable 60 g	
1.9	Microfon	18 buc.	Includes a matched pair of microphones Specially for grand piano Directional characteristic: super cardioid Frequency range: 20 - 20,000 Hz With 2 dB soft boost @ 10 - 12 kHz Max. SPL (sound pressure level): 142 dB Length of gooseneck: 140 mm (extension to 210 mm available: Article Nr 294624 - not included, must be ordered separately) Detachable cable Cable length: 1.8 m Cable diameter: 1.6 mm (optional cable (2.2 mm) available: Article Nr 289926 - not included, must be ordered separately) Improved microphone mount ensures a reduction in structure-borne sound B+K cConnector Incl. piano clip and DAD 6001 XLR phantom power adaptor	Includes a matched pair of microphones Specially for grand piano Directional characteristic: super cardioid Frequency range: 20 - 20,000 Hz With 2 dB soft boost @ 10 - 12 kHz SPL (sound pressure level): 142 dB Length of gooseneck: 140 mm (extension to 210 mm available: Article Nr 294624 - not included, must be ordered separately) Detachable cable Cable length: 1.8 m Cable diameter: 1.6 mm (optional cable (2.2 mm) available: Article Nr 289926 - not included, must be ordered separately) Improved microphone mount ensures a reduction in structure-borne sound B+K cConnector Incl. piano clip and DAD 6001 XLR phantom power adaptor	
1.10	Microfon	1 buc.	Type Dynamic (moving coil) Frequency Response 20 to 10,000 Hz Polar Pattern Supercardioid, rotationally symmetrical about microphone axis Output Level Open Circuit Voltage: -64	Type Dynamic (moving coil) Frequency Response 20 to 10,000 Hz Polar Pattern Supercardioid, rotationally symmetrical about microphone axis Output Level Open Circuit Voltage: -64	



			dBV/Pa* (0.6 mV), *1 Pa = 94 dB SPL	dBV/Pa* (0.6 mV), *1 Pa = 94 dB SPL
1.11	Direct Box	4 buc.	Input Impedance 1 MOhm (pad at 0dB), 47 kOhm (pad at -20dB or -40dB) Max Input +9dBu (pad at 0dB), +29dBu (pad at -20dB), +49dBu (pad at -40dB) Input Connectors Two Parallel 1/4" jack connectors (Tip Hot +ve, Sleeve ground), and a parallel XLR connector (unbalanced) (Pin 2 Hot +ve, Pin 1 & 3 ground) Output Transformer Balanced Max Output +8dBu into 600 Ohms or greater Output Connectors XLR3-32 or equivalent THD < 0.005% at 1kHz, 0dbu output Noise < -105db unweighted, 22hz-22kHz, rms* Frequency Response 30Hz to 20kHz, +0dB/-1dB Main/Standby battery 9 volt PP3 type, preferably alkaline Power Consumption on phantom: less than 7.5mA, on battery: less than 2mA. Phantom Power +20 volts DC to +48 volts DC Unit Weight 650 gms, excluding batteries Dimensions 59 mm x 124 mm x 143 mm (2.3" x 4.9" x 5.6")	Input Impedance 1 MOhm (pad at 0dB), 47 kOhm (pad at -20dB or -40dB) Max Input +9dBu (pad at 0dB), +29dBu (pad at -20dB), +49dBu (pad at -40dB) Input Connectors Two Parallel 1/4" jack connectors (Tip Hot +ve, Sleeve ground), and a parallel XLR connector (unbalanced) (Pin 2 Hot +ve, Pin 1 & 3 ground) Output Transformer Balanced Max Output +8dBu into 600 Ohms or greater Output Connectors XLR3-32 or equivalent THD < 0.005% at 1kHz, 0dbu output Noise < -105db unweighted, 22hz-22kHz, rms* Frequency Response 30Hz to 20kHz, +0dB/-1dB Main/Standby battery 9 volt PP3 type, preferably alkaline Power Consumption on phantom: less than 7.5mA, on battery: less than 2mA. Phantom Power +20 volts DC to +48 volts DC Unit Weight 650 gms, excluding batteries Dimensions 59 mm x 124 mm x 143 mm (2.3" x 4.9" x 5.6")
1.12	Direct Box	2 buc.	Replaceable sleeve Jack in/ out XLR in/ out Phantom power required -30 dB Pad Ground lift	Replaceable sleeve Jack in/ out XLR in/ out Phantom power required -30 dB Pad Ground lift
1.13	Direct Box	1 buc.	Product type: Guitar Amplifiers Technology: solid state Inputs: 2 Input connectors: 6.3 mm Jack Jack Input impedance: 1 M Ohm(s) Outputs: 4	Product type: Guitar Amplifiers Technology: solid state Inputs: 2 Input connectors: 6.3 mm Jack Input impedance: 1 M Ohm(s) Outputs: 4



				Output connectors: 2 x 6.3 mm TS, 3.5 mm jack, XLR Output impedance: TRS 10000, XLR 510 Ohm(s) Channels: 1 Indicators: on/off, peak, signal Controls: Bass, Drive, ground lift, highs, input pad, Mid, mid frequency, mode, mute, Pre/Post, volume FX loop: yes Operating voltage: 9 – 12 V DC, 9 V block Cabinet material: die-cast aluminium Dimensions: 100 x 100 x 55 mm Weight: 0.36 kg	Output connectors: 2 x 6.3 mm TS, 3.5 mm jack, XLR Output impedance: TRS 10000, XLR 510 Ohm(s) Channels: 1 Indicators: on/off, peak, signal Controls: Bass, Drive, ground lift, highs, input pad, Mid, mid frequency, mode, mute, Pre/Post, volume FX loop: yes Operating voltage: 9 – 12 V DC, 9 V block Cabinet material: die-cast aluminium Dimensions: 100 x 100 x 55 mm Weight: 0.36 kg		
1.14	Stative microfon	15 buc.		Stative microfon	Stative microfon		
1.15	Operator Sunet	1 pers.		Operator Sunet	Operator Sunet		
1.16	Cabinet bass Ampeg 410	2 buc.		LF Drivers: 4 x 10” Voice Coil: 2” Magnet Weight (each): 30 oz HF Drivers: Horn/Driver Voice Coil: 1” Magnet Weight (each): 8 oz RMS Power Handling: 500-Watts Frequency Response (-3dB): 48Hz-18kHz Usable Low Frequency (-10dB): 28Hz Nominal Impedance: 4-Ohms Sensitivity: 98dB Maximum SPL: 125dB Dimensions (W x H x D inches): 24 x 30 x 19	LF Drivers: 4 x 10” Voice Coil: 2” Magnet Weight (each): 30 oz HF Drivers: Horn/Driver Voice Coil: 1” Magnet Weight (each): 8 oz RMS Power Handling: 500-Watts Frequency Response (-3dB): 48Hz-18kHz Usable Low Frequency (-10dB): 28Hz Nominal Impedance: 4-Ohms Sensitivity: 98dB Maximum SPL: 125dB Dimensions (W x H x D inches): 24 x 30 x 19		
1.17	Amplificator	1 buc.		Power (Watts/Ohms)1000 Preamp Type Solid State Speaker Configuration Head Only Control Panel Type Front Control Panel Face Color Black 2 Channels Power: 85 W Components: 2x 12" Jensen C12K 8 ohm speakers 4 Inputs: 2 Per channel	Power (Watts/Ohms)1000 Preamp Type Solid State Speaker Configuration Head Control Panel Type Front Control Panel Face Color Black 2 Channels Power: 85 W Components: 2x 12" Jensen C12K 8 ohm speakers 4 Inputs: 2 Per channel		
1.18	Combiu chitara	1 buc.		Power (Watts/Ohms)1000 Preamp Type Solid State Speaker Configuration Head Only Control Panel Type Front Control Panel Face Color Black 2 Channels Power: 85 W Components: 2x 12" Jensen C12K 8 ohm speakers 4 Inputs: 2 Per channel	Power (Watts/Ohms)1000 Preamp Type Solid State Speaker Configuration Head Only Control Panel Type Front Control Panel Face Color Black 2 Channels Power: 85 W Components: 2x 12" Jensen C12K 8 ohm speakers 4 Inputs: 2 Per channel		



			Preamp tubes: 4x 12AX7 and 2x 12AT7 Power tubes: 4x 6L6 Open housing design Normal channel controls (mono): Volume - Treble - Middle - Bass Vibrato channel controls: Volume - Treble - Middle - Bass - Reverb Vibrato controls: Speed - Intensity Bright switch per channel Effects: Spring Reverb - Tremolo Connector for an external speaker Tilt-back legs Dimensions (W x D x H): 673 x 267 x 505 mm Weight: 29 kg Colour: Black Incl. 2-button footswitch (reverb / vibrato), and a vinyl protective cover	Preamp tubes: 4x 12AX7 and 2x 12AT7 Power tubes: 4x 6L6 Open housing design Normal channel controls (mono): Volume - Treble - Middle - Bass Vibrato channel controls: Volume - Treble - Middle - Bass - Reverb Vibrato controls: Speed - Intensity Bright switch per channel Effects: Spring Reverb - Tremolo Connector for an external speaker Tilt-back legs Dimensions (W x D x H): 673 x 267 x 505 mm Weight: 29 kg Colour: Black Incl. 2-button footswitch (reverb / vibrato), and a vinyl protective cover		
1.19	Set tobe	1 buc.	Set tobe	Set tobe		
1.20	Stativ chitara	2 buc.	Stativ chitara	Stativ chitara		
1.21	Cabinet chitara	1 buc.	2x stereo 8ohms. Greutate: 36.4kg, 4 / 16ohms mono, 300W, versiune dreaptă, inclusă vorbire	2x stereo 8ohms. Greutate: 36.4kg, 4 / 16ohms mono, 300W, versiune dreaptă, inclusă vorbire		
1.22	Amplificator chitara	1 buc.	Type: Tube Number of Channels: 2 Total Power: 100W Preamp Tubes: 3 x ECC83/12AX7 Power Tubes: 4 x 5881 Reverb: Yes EQ: 3-band EQ, Presence Inputs: 1 x 1/4" Outputs: 2 x 1/4" (speaker out), 2 x 1/4" (direct, compensated) Effects Loop: Yes Footswitch I/O: 1 x 1/4" Footswitch Included: Yes, 2-button footswitch	Type: Tube Number of Channels: 2 Total Power: 100W Preamp Tubes: 3 x ECC83/12AX7 Power Tubes: 4 x 5881 Reverb: Yes EQ: 3-band EQ, Presence Inputs: 1 x 1/4" Outputs: 2 x 1/4" (speaker out), 2 x 1/4" (direct, compensated) Effects Loop: Yes Footswitch I/O: 1 x 1/4" Footswitch Included: Yes, 2-button footswitch		



