

## 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]

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| Numărul procedurii de achiziție: ocds-b3wdp1-MD-1564576430581 din: 31.07.2019 |
| Denumirea procedurii de achiziție: Cererea ofertelor de prețuri               |

| Denumirea bunurilor/serviciilor | Modelul articolului | Țara de origine | Producătorul | Specificarea tehnică deplină solicitată de către autoritatea contractantă                                                                                                            | Specificarea tehnică deplină propusă de către ofertant                                                                                                                   |
|---------------------------------|---------------------|-----------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2                               | 3                   | 4               | 5            | 6                                                                                                                                                                                    | 7                                                                                                                                                                        |
| Bunuri/servicii                 |                     |                 |              |                                                                                                                                                                                      |                                                                                                                                                                          |
| Lotul 1                         |                     |                 |              |                                                                                                                                                                                      |                                                                                                                                                                          |
| Pupitru audio                   | SQ-7                | China           | Allen& Heath | <b>Pupitru audio</b><br>48 Input Channels<br>32 Local Mic Inputs (XLR)<br>2 ¼" Stereo Inputs (TRS)<br>1 3.5mm Stereo Input<br>36 Total Busses<br>12 Stereo Mix (Aux or Group) + Main | 48 Input Channels<br>32 Local Mic Inputs (XLR)<br>2 ¼" Stereo Inputs (TRS)<br>1 3.5mm Stereo Input<br>36 Total Busses<br>12 Stereo Mix (Aux or Group) + Main<br>PAFL Bus |

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|  |  |  |  | <p>PAFL Bus</p> <p>18 Assignable Local Outputs (16 XLR + 2 ¼" TRS)</p> <p>AES Digital Output</p> <p>Dedicated Talkback mic input (XLR)</p> <p>¼" TRS Headphone out with dedicated control</p> <p>8 Mute Groups</p> <p>8 DCA Groups</p> <p>8 Stereo FX with dedicated FX Returns</p> <p>7" colour touchscreen</p> <p>16 Assignable SoftKeys</p> <p>8 Assignable Soft Rotaries</p> <p>Dedicated physical controls for channel processing(Gain, HPF Frequency, Gate Threshold, Compressor Threshold, Pan, EQ Gain/Frequency/Width)</p> <p>32+1 Faders with 6 Layers for 192 assignable Channel Strips</p> <p>Motorised faders for sends on faders, GEQ fader flip and mix recall</p> <p>Input processing – Preamp, HPF, Gate, PEQ, Compressor, Delay</p> <p>Mix processing – PEQ, Graphic EQ, Compressor, Delay</p> <p>Fully integrated Automatic Mic Mixing</p> <p>31 Band Real Time Analyser</p> <p>User Permissions to restrict operator access</p> <p>300 Scene memories per show</p> <p>USB transfer of Scenes, Libraries, Shows</p> <p>DAW Control driver for MIDI control via USB or TCP/IP</p> | <p>18 Assignable Local Outputs (16 XLR + 2 ¼" TRS)</p> <p>AES Digital Output</p> <p>Dedicated Talkback mic input (XLR)</p> <p>¼" TRS Headphone out with dedicated control</p> <p>8 Mute Groups</p> <p>8 DCA Groups</p> <p>8 Stereo FX with dedicated FX Returns</p> <p>7" colour touchscreen</p> <p>16 Assignable SoftKeys</p> <p>8 Assignable Soft Rotaries</p> <p>Dedicated physical controls for channel processing(Gain, HPF Frequency, Gate Threshold, Compressor Threshold, Pan, EQ Gain/Frequency/Width)</p> <p>32+1 Faders with 6 Layers for 192 assignable Channel Strips</p> <p>Motorised faders for sends on faders, GEQ fader flip and mix recall</p> <p>Input processing – Preamp, HPF, Gate, PEQ, Compressor, Delay</p> <p>Mix processing – PEQ, Graphic EQ, Compressor, Delay</p> <p>Fully integrated Automatic Mic Mixing</p> <p>31 Band Real Time Analyser</p> <p>User Permissions to restrict operator access</p> |
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|  |  |  |  | <p>Wireless remote mixing apps for iPad and Android</p> <p><u>Mic/Line Inputs:</u></p> <p>Balanced XLR, fully recallable</p> <p>Input Sensitivity: -60 to +0 dBu</p> <p>Switchable Pad: -20 dB</p> <p>Analog Gain: 0 to +60 dB, 1 dB steps</p> <p>Maximum Input Level: +30 dBu</p> <p>Input Impedance: &gt;5 kOhms</p> <p>THD+N, Unity Gain (0 dB): 0.002% -92 dBu (20 Hz - 20 kHz, AES direct out, @ 0 dBu 1 kHz)</p> <p>THD+N, Mid-Gain (+30 dB): 0.003% -91 dBu (20 Hz - 20 kHz, AES direct out, @ -30 dBu input 1 kHz)</p> <p>Phantom Power +48V (+3V / -2V)</p> <p><u>Stereo Line Inputs:</u></p> <p>2 x Balanced, 1/4" (6.3 mm) TRS Jack, half-normalled</p> <p>1 x Unbalanced 1/8" (3.5 mm) mini jack</p> <p>Input Sensitivity :+4 /0 dBu, nominal</p> <p>Trim: +/-24 dB</p> <p>Maximum Input Level :+22 /+18 dBu</p> <p>Input Impedance: &gt;7 kOhms</p> <p><u>Analog Outputs:</u></p> <p>Outputs 1-16: Balanced, XLR</p> <p>Outputs A and B: Balanced 1/4" / 6.3 mm TRS</p> <p>Source: Patchable</p> | <p>300 Scene memories per show</p> <p>USB transfer of Scenes, Libraries, Shows</p> <p>DAW Control driver for MIDI control via USB or TCP/IP</p> <p>Wireless remote mixing apps for iPad and Android</p> <p><u>Mic/Line Inputs:</u></p> <p>Balanced XLR, fully recallable</p> <p>Input Sensitivity: -60 to +0 dBu</p> <p>Switchable Pad: -20 dB</p> <p>Analog Gain: 0 to +60 dB, 1 dB steps</p> <p>Maximum Input Level: +30 dBu</p> <p>Input Impedance: &gt;5 kOhms</p> <p>THD+N, Unity Gain (0 dB): 0.002% -92 dBu (20 Hz - 20 kHz, AES direct out, @ 0 dBu 1 kHz)</p> <p>THD+N, Mid-Gain (+30 dB): 0.003% -91 dBu (20 Hz - 20 kHz, AES direct out, @ -30 dBu input 1 kHz)</p> <p>Phantom Power +48V (+3V / -2V)</p> <p><u>Stereo Line Inputs:</u></p> <p>2 x Balanced, 1/4" (6.3 mm) TRS Jack, half-normalled</p> <p>1 x Unbalanced 1/8" (3.5 mm) mini jack</p> <p>Input Sensitivity :+4 /0 dBu, nominal</p> |
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|  |  |  |  | <p>Output Impedance: &lt;75 Ohms</p> <p>Nominal Output: +4 dBu = 0 dB meter reading</p> <p>Maximum Output Level: +22 dBu</p> <p>Residual Output Noise: -90 dBu (muted, 20 Hz to 20 kHz)</p> <p><u>Network Connections:</u></p> <p>Neutrik EtherCON (RJ45)</p> <p>dsnake mode (48 kHz devices): 64 channels assignable, compatible with AR2412, AR84, AB168, ME, Qu</p> <p>dx mode (96 kHz Devices): 32 channels assignable, compatible with DX168</p> <p>gigaACE (96 kHz Devices): 128 channels assignable, compatible with dLive, SQ, and DXHub</p> <p>Inputs: Fully patchable</p> <p>Outputs: Fully patchable</p> <p>Sync/SRC: Assignable as master audio sync for all modes, SRC 64-channel</p> <p>Includes a the option card for dSnake connections (the audio mixer allows 2 connections for extended audio device)</p> <p><u>AES Digital Output:</u></p> <p>Balanced XLR, 2 channel</p> <p>96 kHz sampling rate (default with SRC bypassed)</p> <p>Switchable Output Sample Rates: 44.1, 48, 88.2, 96 kHz</p> <p>2.5 Vpp balanced terminated 110 Ohms</p> | <p>Trim: +/-24 dB</p> <p>Maximum Input Level :+22 /+18 dBu</p> <p>Input Impedance: &gt;7 kOhms</p> <p><u>Analog Outputs:</u></p> <p>Outputs 1-16: Balanced, XLR</p> <p>Outputs A and B: Balanced 1/4" / 6.3 mm TRS</p> <p>Source: Patchable</p> <p>Output Impedance: &lt;75 Ohms</p> <p>Nominal Output: +4 dBu = 0 dB meter reading</p> <p>Maximum Output Level: +22 dBu</p> <p>Residual Output Noise: -90 dBu (muted, 20 Hz to 20 kHz)</p> <p><u>Network Connections:</u></p> <p>Neutrik EtherCON (RJ45)</p> <p>dsnake mode (48 kHz devices): 64 channels assignable, compatible with AR2412, AR84, AB168, ME, Qu</p> <p>dx mode (96 kHz Devices): 32 channels assignable, compatible with DX168</p> <p>gigaACE (96 kHz Devices): 128 channels assignable, compatible with dLive, SQ, and DXHub</p> <p>Inputs: Fully patchable</p> <p>Outputs: Fully patchable</p> |
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|  |  |  |  | <p>Dynamic Range -112 dB</p> <p>Frequency Response 20 Hz to 20 kHz (+0/-0.5 dB)</p> <p>Headroom +18 dB</p> <p>Operating Level Internal Operating Level: 0 dBu</p> <p>Alignment dBFS: +18 dBu = 0 dBFS (+22 dBu @ XLR output)</p> <p>Calibration Meter Calibration: 0 dB meter = -18 dBFS (+4 dBu @ XLR output)</p> <p>Sampling Rate 48 kHz +/-100 PPM</p> <p>Converters 24-bit Delta-Sigma</p> <p><u>Indicators:</u></p> <p>Meter Peak Indication: -3 dBFS (+19 dBu @ XLR out), multi-point sensing</p> <p>Meter Signal Indication: -48 dBFS (-26 dBu @ XLR out)</p> <p>Meter Type: Fast (peak) response</p> <p><u>Latency:</u></p> <p>1.2 ms (local XLR in to XLR out)</p> <p>0.7 ms (local XLR in to AES out)</p> <p>Power Mains Power: 100-240 V AC, 50/60 Hz, 150 W maximum</p> <p>Input processing Preamp, HPF, Gate, PEQ, Compressor, Delay</p> <p>Output processing PEQ, Graphic EQ, Compressor, Delay</p> <p>Faders 100 mm, motorized</p> <p>Touchscreen 7" TFT, 800 x 480 resolution</p> | <p>Sync/SRC: Assignable as master audio sync for all modes, SRC 64-channel</p> <p>Includes a the option card for dSnake connections (the audio mixer allows 2 connections for extended audio device)</p> <p><u>AES Digital Output:</u></p> <p>Balanced XLR, 2 channel</p> <p>96 kHz sampling rate (default with SRC bypassed)</p> <p>Switchable Output Sample Rates: 44.1, 48, 88.2, 96 kHz</p> <p>2.5 Vpp balanced terminated 110 Ohms</p> <p>Dynamic Range -112 dB</p> <p>Frequency Response 20 Hz to 20 kHz (+0/-0.5 dB)</p> <p>Headroom +18 dB</p> <p>Operating Level Internal Operating Level: 0 dBu</p> <p>Alignment dBFS: +18 dBu = 0 dBFS (+22 dBu @ XLR output)</p> <p>Calibration Meter Calibration: 0 dB meter = -18 dBFS (+4 dBu @ XLR output)</p> <p>Sampling Rate 48 kHz +/-100 PPM</p> <p>Converters 24-bit Delta-Sigma</p> |
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|           |       |       |              |                                                                                                                                                                                                                                                                                                                                                                                                     | <p><u>Indicators:</u></p> <p>Meter Peak Indication: -3 dBFS (+19 dBu @ XLR out), multi-point sensing<br/> Meter Signal Indication: -48 dBFS (-26 dBu @ XLR out)<br/> Meter Type: Fast (peak) response</p> <p><u>Latency:</u></p> <p>1.2 ms (local XLR in to XLR out)<br/> 0.7 ms (local XLR in to AES out)</p> <p>Power Mains Power: 100-240 V AC, 50/60 Hz, 150 W maximum</p> <p>Input processing Preamp, HPF, Gate, PEQ, Compressor, Delay</p> <p>Output processing PEQ, Graphic EQ, Compressor, Delay</p> <p>Faders 100 mm, motorized</p> <p>Touchscreen 7" TFT, 800 x 480 resolution</p> |
| AudioRack | DX168 | China | Allen& Heath | <p><b>AudioRack</b> compatibil cu pupitrul audio de la poziția nr. 1</p> <p><u>16 Mic Preamps Inputs on XLR:</u></p> <p>Phantom Power LED per Input</p> <p>Balanced, 48 V phantom power</p> <p>Mic/Line Preamp: Fully recallable</p> <p>Input Sensitivity: -60 to 15 dBu</p> <p>Analogue Gain: 5 to 60 dB, 1 dB steps</p> <p>Pad: -20 dB active pad</p> <p>Maximum Input Level: 30 dBu (pad in)</p> | <p><u>16 Mic Preamps Inputs on XLR:</u></p> <p>Phantom Power LED per Input</p> <p>Balanced, 48 V phantom power</p> <p>Mic/Line Preamp: Fully recallable</p> <p>Input Sensitivity: -60 to 15 dBu</p> <p>Analogue Gain: 5 to 60 dB, 1 dB steps</p> <p>Pad: -20 dB active pad</p> <p>Maximum Input Level: 30 dBu (pad in)</p>                                                                                                                                                                                                                                                                   |

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|                  |      |       |                 | <p>Input Impedance: &gt;4 kOhms (pad out), &gt;10 kOhms (pad in)</p> <p><u>8 XLR Line Outs:</u></p> <p>Balanced, relay protected</p> <p>Output Impedance: &lt;75 Ohms</p> <p>Nominal Output: 4 dBu = 0 dB meter reading</p> <p>Maximum Output Level: 22 dBu</p> <p>Residual Output Noise: -92 dBu (muted, 20 to 20 kHz)</p> <p><u>Connection</u></p> <p>dSNAKE Connection with locking Ethercon port via Cat5</p> <p>Mains Power 100 to 240 VAC, 50/60 Hz</p> | <p>Input Impedance: &gt;4 kOhms (pad out), &gt;10 kOhms (pad in)</p> <p><u>8 XLR Line Outs:</u></p> <p>Balanced, relay protected</p> <p>Output Impedance: &lt;75 Ohms</p> <p>Nominal Output: 4 dBu = 0 dB meter reading</p> <p>Maximum Output Level: 22 dBu</p> <p>Residual Output Noise: -92 dBu (muted, 20 to 20 kHz)</p> <p><u>Connection</u></p> <p>dSNAKE Connection with locking Ethercon port via Cat5</p> <p>Mains Power 100 to 240 VAC, 50/60 Hz</p> |
| <b>AudioRack</b> | AR84 | China | Allen&<br>Heath | <p><b>AudioRack</b> compatibil cu pupitrul audio de la poziția nr. 1</p> <p><u>8 Mic Preamps Inputs on XLR:</u></p> <p>Phantom Power LED per Input</p> <p>Balanced, 48 V phantom power</p> <p>Mic/Line Preamp: Fully recallable</p> <p>Input Sensitivity: -60 to 15 dBu</p> <p>Analogue Gain: 5 to 60 dB, 1 dB steps</p> <p>Pad: -20 dB active pad</p> <p>Maximum Input Level: 30 dBu (pad in)</p>                                                            | <p><u>8 Mic Preamps Inputs on XLR:</u></p> <p>Phantom Power LED per Input</p> <p>Balanced, 48 V phantom power</p> <p>Mic/Line Preamp: Fully recallable</p> <p>Input Sensitivity: -60 to 15 dBu</p> <p>Analogue Gain: 5 to 60 dB, 1 dB steps</p> <p>Pad: -20 dB active pad</p> <p>Maximum Input Level: 30 dBu (pad in)</p> <p>Input Impedance: &gt;4 kOhms (pad out), &gt;10 kOhms (pad in)</p>                                                                |

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|                               |            |       |              | <p>Input Impedance: &gt;4 kOhms (pad out), &gt;10 kOhms (pad in)</p> <p><u>4 XLR Line Outs:</u></p> <p>Balanced, relay protected</p> <p>Output Impedance: &lt;75 Ohms</p> <p>Nominal Output: 4 dBu = 0 dB meter reading</p> <p>Maximum Output Level: 22 dBu</p> <p>Residual Output Noise: -92 dBu (muted, 20 to 20 kHz)</p> <p><u>Connection</u></p> <p>dSNAKE Connection with locking Ethercon port via Cat5</p> <p>Mains Power 100 to 240 VAC, 50/60 Hz</p> | <p><u>4 XLR Line Outs:</u></p> <p>Balanced, relay protected</p> <p>Output Impedance: &lt;75 Ohms</p> <p>Nominal Output: 4 dBu = 0 dB meter reading</p> <p>Maximum Output Level: 22 dBu</p> <p>Residual Output Noise: -92 dBu (muted, 20 to 20 kHz)</p> <p><u>Connection</u></p> <p>dSNAKE Connection with locking Ethercon port via Cat5</p> <p>Mains Power 100 to 240 VAC, 50/60 Hz</p> |
| <b>Hub de conectare audio</b> | DX-hub     | China | Allen& Heath | <p><b>Hub de conectare audio</b> de la distanță, compatibil cu pupitrul audio de la poziția nr. 1 și AudioRack de la poziția nr. 2, nr.3.</p> <p>Remote Expander Hub audio, networking that can be connected to mixer audio, it provides 4 ports, that can be used to connect Audio Rack units.</p>                                                                                                                                                           | <p>Remote Expander Hub audio, networking that can be connected to mixer audio, it provides 4 ports, that can be used to connect Audio Rack units.</p>                                                                                                                                                                                                                                    |
| <b>Set boxe</b>               | IQ18B,IQ10 | China | Turbosound   | <p><b>Set 2 boxe și subwoofer active</b></p> <p><u>Subwoofer:</u></p> <p>System</p> <p>Frequency response 50 Hz – 130 Hz ±3 dB</p> <p>40 Hz – 130 Hz -10 dB</p> <p>Nominal dispersion Half Space</p> <p>Maximum SPL 130 dB peak</p>                                                                                                                                                                                                                           | <p><b>Set 2 boxe și subwoofer active</b></p> <p><u>Subwoofer:</u></p> <p>System</p> <p>Frequency response 50 Hz – 130 Hz ±3 dB</p> <p>40 Hz – 130 Hz -10 dB</p> <p>Nominal dispersion Half Space</p>                                                                                                                                                                                     |



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|  |  |  |  | <p>Crossover type Active</p> <p>Transducers 1 x 15" (385.7 mm) LF driver</p> <p>Limiter Peak and rms</p> <p>Amplifier</p> <p>Maximum output power 3,000 W</p> <p>Type Class-D</p> <p>Protection Short circuit, open circuit, thermal</p> <p>Connectors</p> <p>Input A / B 2 x combo jack/XLR</p> <p>Sensitivity Line +4 dBu</p> <p>Input impedance 20 kΩ unbalanced, 40 kΩ balanced</p> <p>Maximum input level +21 dBu</p> <p>Output A / B 2 x XLR Linked to input</p> <p>Mains Supply Neutrik powerCON input 20A and link 15A 220V</p> <p><u>Boxe set 2 buc:</u></p> <p>System</p> <p>Frequency response 55 Hz – 18 kHz ±3 dB</p> <p>50 Hz – 20 kHz -10 dB</p> <p>Nominal dispersion 90° H x 60° V @ -6 dB points</p> <p>Maximum SPL 129 dB peak</p> | <p>Maximum SPL 130 dB peak</p> <p>Crossover type Active</p> <p>Transducers 1 x 15" (385.7 mm) LF driver</p> <p>Limiter Peak and rms</p> <p>Amplifier</p> <p>Maximum output power 3,000 W</p> <p>Type Class-D</p> <p>Protection Short circuit, open circuit, thermal</p> <p>Connectors</p> <p>Input A / B 2 x combo jack/XLR</p> <p>Sensitivity Line +4 dBu</p> <p>Input impedance 20 kΩ unbalanced, 40 kΩ balanced</p> <p>Maximum input level +21 dBu</p> <p>Output A / B 2 x XLR Linked to input</p> <p>Mains Supply Neutrik powerCON input 20A and link 15A 220V</p> <p><u>Boxe set 2 buc:</u></p> <p>System</p> <p>Frequency response 55 Hz – 18 kHz ±3 dB</p> |
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|  |  |  |  | <p>Crossover type Active</p> <p>Transducers 1 x 10" (256 mm) LF driver</p> <p>1 x 1" (25.4 mm) HF compression driver</p> <p>Limiter Independent HF, LF, peak and rms</p> <p>Amplifier</p> <p>Maximum output power 2,500 W</p> <p>Type Class-D</p> <p>Protection Short circuit, open circuit, thermal</p> <p>Connectors</p> <p>Input A / B 2 x combo jack/XLR</p> <p>Sensitivity Line +4 dBu, mic -22 dBu, switchable</p> <p>Input impedance 20 kO unbalanced, 40 kO balanced</p> <p>Maximum input level +21 dBu</p> <p>Output A / B 2 x XLR Linked to input</p> <p>Mix output XLR, balanced</p> <p>Output impedance 100 O unbalanced, 200 O balanced</p> <p>Mains Supply Neutrik powerCON input 20A and link 15A 220V</p> <p>Include pole mount to support satellite speaker</p> | <p>50 Hz – 20 kHz -10 dB</p> <p>Nominal dispersion 90° H x 60° V @ -6 dB points</p> <p>Maximum SPL 129 dB peak</p> <p>Crossover type Active</p> <p>Transducers 1 x 10" (256 mm) LF driver</p> <p>1 x 1" (25.4 mm) HF compression driver</p> <p>Limiter Independent HF, LF, peak and rms</p> <p>Amplifier</p> <p>Maximum output power 2,500 W</p> <p>Type Class-D</p> <p>Protection Short circuit, open circuit, thermal</p> <p>Connectors</p> <p>Input A / B 2 x combo jack/XLR</p> <p>Sensitivity Line +4 dBu, mic -22 dBu, switchable</p> <p>Input impedance 20 kO unbalanced, 40 kO balanced</p> <p>Maximum input level +21 dBu</p> <p>Output A / B 2 x XLR Linked to input</p> <p>Mix output XLR, balanced</p> |
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|                    |  |  |  |                                                                                                                                                                                                                                                                                                                                                                     | <p>Output impedance 100 O unbalanced, 200 O balanced</p> <p>Mains Supply Neutrik powerCON input 20A and link 15A 220V</p> <p>Include pole mount to support satellite speaker</p>                                                                                                                                                                                   |
| <b>Instalare</b>   |  |  |  | <p>Instalarea și punerea în funcțiune a echipamentelor audio</p> <p>Materialele și elementele pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora;</p> <p>Lucrările de montare, precum și operațiunile de instalare, ajustare, testare;</p> <p>Garanția hardware minim 1 an;</p> <p>Sistemul va fi predat la cheie.</p> | <p>Instalarea și punerea în funcțiune a echipamentelor audio</p> <p>Materialele și elementele pasive/active necesare pentru interconectarea echipamentelor și punerea în funcțiune a acestora;</p> <p>Lucrările de montare, precum și operațiunile de instalare, ajustare, testare;</p> <p>Garanția hardware minim 1 an;</p> <p>Sistemul va fi predat la cheie</p> |
| <b>Total lot 1</b> |  |  |  |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                    |

Semnat: Semnat electronic(Prima Pagina) Numele, Prenumele: Carabut Vladislav În calitate de: Director

Ofertantul: SC „Muzic-Prod” Adresa: Moldova, mun.Chisinau, Durlesti, str-la II Vovinteni 15