

## Specificații tehnice (F4.1)

Numărul procedurii de achiziție: nr.21026999 din 18.08.2020						
Denumirea procedurii de achiziție: Tehnică audio						
Denumirea bunurilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
2	3	4	5	6	7	8
<b>Lotul 1 xNODE Analog 4X4</b>						
Lot 1.1 NODE Analog 4X4	<b>Telos Analog xNode 4X4</b>	China	<b>Telos</b>	<p>xNODE Analog 4X4 Analog Line Inputs Input Impedance: &gt;40 k Ohms, balanced Nominal Input Range: Selectable, +4 dBu or -10dBv Input Headroom: 20 dB above nominal input Meta 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 Frequency Response Any input to any output: +/- 0.5 dB, 20 Hz to 20 kHz Latency Analog Input to Analog Output, 2.75ms including network, converters, and mixing process Dynamic Range Analog Inputs to Analog Outputs 108dB referenced to 0dBFs, 111dB Aweighted Analog Inputs to Digital Outputs 110dB referenced to 0dBFs, 113dB Aweighted Total Harmonic Distortion + Noise Analog Input to Analog Output: &lt; 0.005%, 1 kHz, +18dBu input, +18dBu output Analog Input to Digital Output: &lt; 0.004%, 1 kHz, +18dBu input, -6dBFs output</p>	<p><b>Telos Analog xNode 4X4</b>  Inputs Input Impedance: &gt;40 k Ohms, balanced Nominal Input Range: Selectable, +4 dBu or -10dBv Input Headroom: 20 dB above nominal input Meta 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 Frequency Response Any input to any output: +/- 0.5 dB, 20 Hz to 20 kHz Latency Analog Input to Analog Output, 2.75ms including network, converters, and mixing process Dynamic Range Analog Inputs to Analog Outputs 108dB referenced to 0dBFs, 111dB Aweighted Analog Inputs to Digital Outputs 110dB referenced to 0dBFs, 113dB Aweighted Total Harmonic Distortion + Noise Analog Input to Analog Output: &lt; 0.005%, 1 kHz, +18dBu input, +18dBu output Analog Input to Digital Output: &lt; 0.004%, 1 kHz, +18dBu input, -6dBFs</p>	

				<p>Digital Input to Analog Output: &lt; 0.004%, 1 kHz, -6dBFS input, +18dBu output Crosstalk Isolation, Stereo Separation And CMRR Analog Line channel to channel isolation: 90dB minimum, 20Hz to 20kHz Analog Line stereo separation: 85dB minimum, 20Hz to 20kHz Analog Line Input CMRR: 80dB minimum, 20Hz to 20kHz</p> <p>Power Supply AC Input Auto-ranging supply, 95VAC to 240VAC, 50 Hz to 60 Hz, IEC receptacle, internal fuse Power consumption: 14 Watts I/O connections via industry-standard RJ-45 audio connectors or high density DB-25 connections, both available prefabricated and ready to attach in seconds. AoIP compatible Livewire+.</p>	<p>output Digital Input to Analog Output: &lt; 0.004%, 1 kHz, -6dBFS input, +18dBu output Crosstalk Isolation, Stereo Separation And CMRR Analog Line channel to channel isolation: 90dB minimum, 20Hz to 20kHz Analog Line stereo separation: 85dB minimum, 20Hz to 20kHz Analog Line Input CMRR: 80dB minimum, 20Hz to 20kHz</p> <p>Power Supply AC Input Auto-ranging supply, 95VAC to 240VAC, 50 Hz to 60 Hz, IEC receptacle, internal fuse Power consumption: 14 Watts I/O connections via industry-standard RJ-45 audio connectors or high density DB-25 connections, both available prefabricated and ready to attach in seconds. AoIP compatible Livewire+.</p>	
<b>Lotul 2 Exstreamer &amp; Instreamer</b>						
<p>Lot 2.1 Exstreamer 200   205 IP Audio decoder with S/PDIF and 2x25W amplified output, mircoSD. Support of Internet Radio (AACplus, MP3, shoutcast, TCP streaming) and VoIP (SIP, RTP) codecs and protocols</p>	<p>Barix Exstreamer 205</p>	<p>China</p>	<p>Barix</p>	<p><b>MAIN FEATURES</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> G.711, uLaw, aLaw, PCM Encoding</li> <li><input type="checkbox"/> AACplus, MP3, Ogg Vorbis, G.711, PCM linear Decoding</li> <li><input type="checkbox"/> IP Streaming via TCP, UDP, RTP, Multicast</li> <li><input type="checkbox"/> Amplified Output 2x25W (8 Ohm) <input type="checkbox"/> RS-232 Serial Port <ul style="list-style-type: none"> <li><input type="checkbox"/> Power Supply (24V, included)</li> <li><input type="checkbox"/> MicroSD or USB Flash Interface</li> <li><input type="checkbox"/> IR Interface</li> </ul> </li> </ul>	<p><b>Barix Exstreamer 205</b></p> <p>IP Audio decoder with S/PDIF and 2x25W amplified output, mircoSD. Support of Internet Radio (AACplus, MP3, shoutcast, TCP streaming) and VoIP (SIP, RTP) codecs and protocols</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> G.711, uLaw, aLaw, PCM Encoding</li> <li><input type="checkbox"/> AACplus, MP3, Ogg Vorbis, G.711, PCM linear Decoding</li> <li><input type="checkbox"/> IP Streaming via TCP, UDP, RTP, Multicast</li> <li><input type="checkbox"/> Amplified Output 2x25W (8 Ohm) <input type="checkbox"/> RS-232 Serial Port <ul style="list-style-type: none"> <li><input type="checkbox"/> Power Supply (24V, included)</li> <li><input type="checkbox"/> MicroSD or USB Flash Interface</li> <li><input type="checkbox"/> IR Interface</li> </ul> </li> </ul>	

<p>Lot 2.2 Instreamer Multiprotocol Audio over IP encoder with line level analog input (stereo), serial port, low latency, PCM G.711, G.722 and MP3 encoding</p>	<p>Barix Instreamer</p>	<p>China</p>	<p>Barix</p>	<p><b>MAIN FEATURES</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> G.711, G.722, PCM linear Encoding</li> <li><input type="checkbox"/> MP3 Encoding (low Latency)</li> <li><input type="checkbox"/> Shoutcast/Icecast Source capability</li> <li><input type="checkbox"/> Audio Level Supervision with SNMP Trap generation</li> <li><input type="checkbox"/> IP Streaming via TCP, UDP, RTP, Multicast <ul style="list-style-type: none"> <li><input type="checkbox"/> Line Level Input (Stereo)</li> <li><input type="checkbox"/> RS-232 Serial Port</li> </ul> </li> <li><input type="checkbox"/> Power Supply (micro USB)</li> </ul>	<p><b>Barix Instreamer</b></p> <p>Multiprotocol Audio over IP encoder with line level analog input (stereo), serial port, low latency, PCM G.711, G.722 and MP3 encoding</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> G.711, G.722, PCM linear Encoding</li> <li><input type="checkbox"/> MP3 Encoding (low Latency)</li> <li><input type="checkbox"/> Shoutcast/Icecast Source capability</li> <li><input type="checkbox"/> Audio Level Supervision with SNMP Trap generation</li> <li><input type="checkbox"/> IP Streaming via TCP, UDP, RTP, Multicast <ul style="list-style-type: none"> <li><input type="checkbox"/> Line Level Input (Stereo)</li> <li><input type="checkbox"/> RS-232 Serial Port</li> </ul> </li> <li><input type="checkbox"/> Power Supply (micro USB)</li> </ul>	
<p><b>Lot 4 Server storage &amp; processor semnal microfon</b></p>						
<p>Lot 4.1 Server Storage</p>	<p>SuperServer 6028R-TCR</p>	<p>China</p>	<p>Supermicro</p>	<p>Key Features</p> <ol style="list-style-type: none"> <li>1. Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E52600 v4/v3 family; UPI up to 9.6GT/s</li> <li>2. Intel® C612 chipset</li> <li>3. Up to 1TB ECC 3DS LRDIMM; 8x DIMM slots</li> <li>4. 1x PCI-E 3.0 x16, 2x PCI-E 3.0 x8</li> <li>5. Intel® i210 Dual GbE LAN ports</li> <li>6. Integrated IPMI 2.0 and KVM with Dedicated LAN</li> <li>7. 8x SAS3 (12Gbps) via Broadcom® 3108; HW RAID 0, 1, 5, 6, 10, 50, 60.</li> <li>8. 6x SATA3 (6Gbps) via C232; RAID 0, 1, 5, 10</li> <li>9. 740W Redundant Platinum Power Supplies</li> <li>10. Double power supply</li> </ol> <p>Chassis: CSE-825TQ-R740LPB 1 un. Motherboard: X10DRL-C 1 un. CPU: Intel® Xeon® 8C/16T Processor E5-2620 v4 2.10 GHz, 20M Cache 2 un. RAM: 16Gb DDR4-2666 ECC REG 1 un. HDD</p>	<p>SuperServer 6028R-TCR</p> <p>Server contains: CPU: 2x Intel® Xeon® 8C/16T Processor E5-2620 v4 2.10 GHz, 20M Cache. RAM: 16GB DDR4-2933 ECC REG DIMM. SSD: 2x 480GB Intel D3-S4510 SATA 6Gb/s up to 2DWD. HDD: 6x 8TB 7.2K SATA 6.0 GB/S 256MB 3.5" Enterprise Hard Drive.</p> <p>Key Features:</p> <ol style="list-style-type: none"> <li>1. Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v4/v3 family; UPI up to 9.6GT/s</li> <li>2. Intel® C612 chipset</li> <li>3. Up to 1TB ECC 3DS LRDIMM; 8x DIMM slots</li> <li>4. 1x PCI-E 3.0 x16, 2x PCI-E 3.0 x8</li> <li>5. Intel® i210 Dual GbE LAN ports</li> <li>6. Integrated IPMI 2.0 and KVM with Dedicated LAN</li> <li>7. 8x SAS3 (12Gbps) via Broadcom® 3108;</li> </ol>	

				<p>SATA:8TB 7.2K SATA 6.0 GB/S 256MB 3.5" Enterprise Hard Drive 6 un. SSD (No more than 8 drives including HDDs):240GB, 2.5" SATA 6Gb/s, Enterprise SSD 2 un.</p> <p>(Anolog <a href="https://kmm.md/ro/product/km-netfire-6028rtcr?order=0">https://kmm.md/ro/product/km-netfire-6028rtcr?order=0</a>KM NETFIRE 6028R-TCR)</p>	<p>HW RAID 0, 1, 5, 6, 10, 50, 60. 8. 6x SATA3 (6Gbps) via C232; RAID 0, 1, 5, 10 9. 740W Redundant Platinum Power Supplies</p>	
Lot 4.2 Procesor semnal microfon	<p>dbx DriveRack 260 2x6 I/O Loudspeaker Management System (Crossover, Graphic EQ, Parametric EQ, Auto-EQ, and Limiter)</p>	China	dbx DriveRack	<p>Analog cu DBX 260 S•2x6 Configurable Audio DSP •Advanced Feedback Suppression •2.7 Seconds of Configurable Delay •RS-232 PC GUI control •Graphic and Parametric EQ •Classic dbx Compression and Limiting •Wall Panel Logic Control •Full Bandpass and Crossover Filtering •Open Architecture Routing Configurations •Auto Gain Control •Full-time RTA •Independent Output Processing •Setup Wizard with JBL and Crown Components •Auto-EQ Function •Security Lockout •Flash Memory – No Battery Required •&gt;110 dB Dy</p>	<p>dbx DriveRack 260 2x6 I/O Loudspeaker Management System (Crossover, Graphic EQ, Parametric EQ, Auto-EQ, and Limiter) Configurable Audio DSP •Advanced Feedback Suppression •2.7 Seconds of Configurable Delay •RS-232 PC GUI control •Graphic and Parametric EQ •Classic dbx Compression and Limiting •Wall Panel Logic Control •Full Bandpass and Crossover Filtering •Open Architecture Routing Configurations •Auto Gain Control •Full-time RTA •Independent Output Processing •Setup Wizard with JBL and Crown Components •Auto-EQ Function •Security Lockout •Flash Memory – No Battery Required •&gt;110 dB Dy</p>	

Semnata: \_\_\_\_\_ Numele, Prenumele: Constantin Alexandru În calitate de: director  
Ofertantul: Triomac SRL Adresa: Orhei, str Stefan cel Mare 3, ap 16