

### Specificații tehnice F4.1

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| <b>Numărul procedurii de achiziție: nr.ocds-b3wdp1-MD-1745501307037 din 24 aprilie 2025</b>                                                                                                                          |
| <b>Obiectul achiziției: Echipamente de emisie pentru studioul Radio Moldova. Cod CPV : 32200000-5 - Aparate de emisie pentru radiotelefonie, radiotelegrafie, radiodifuziune și televiziune. Licitatie deschisă.</b> |

| Denumirea bunurilor/serviciilor                            | Denumirea modelului bunului/serviciului                  | Țara de origine | Producătorul          | Specificarea tehnică deplină solicitată de către autoritatea contractantă                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Specificarea tehnică deplină propusă de către ofertant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Standarde de referință |
|------------------------------------------------------------|----------------------------------------------------------|-----------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 1                                                          | 2                                                        | 3               | 4                     | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7                      |
| <b>Echipamente de emisie pentru studioul Radio Moldova</b> |                                                          |                 |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |
| <b>Lotul nr.2 Telephone Hybrid</b>                         |                                                          |                 |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |
| <b>Telephone Hybrid</b>                                    | <b>Telos HX2 Digital Hybrids with AES/EBU I/O option</b> | <b>PRC</b>      | <b>Telos Alliance</b> | Two-line POTS telephone hybrids include unique features to make operators' lives easier, such as Auto-Answer with selectable ring count, a switchable mic/line input, call screening and line-hold features, and front-panel send and receive audio metering. Audio sweetening tools include Telos Digital Dynamic EQ (DDEQ) and adjustable smart leveler, symmetrical wide-range AGC and noise gating by Omnia®, studio adaption and pitch shifter for use in open-speaker applications, and adjustable caller override.<br>Specifications<br>3rd-generation Adaptive Digital Hybrid.<br>Exclusive Feedback Reduction Functions.<br>Send-to-Caller Processing: High-pass Filter, Frequency Shifter, AGC/Limiter, Sample Rate Conversion (with AES option).<br>Receive-From-Caller Processing: High-pass "Hum" Filter, Smart AGC/Platform Leveler, Noise Gate, Telos DDEQ (Digital Dynamic Equalization) 3-band Adaptive Spectral Processor, Sample Rate Conversion (with AES option) | Specifications<br>3rd-generation Adaptive Digital Hybrid.<br>Exclusive Feedback Reduction Functions.<br>Send-to-Caller Processing: High-pass Filter, Frequency Shifter, AGC/Limiter, Sample Rate Conversion (with AES option).<br>Receive-From-Caller Processing: High-pass "Hum" Filter, Smart AGC/Platform Leveler, Noise Gate, Telos DDEQ (Digital Dynamic Equalization) 3-band Adaptive Spectral Processor, Sample Rate Conversion ( <b>with AES option</b> )<br>Analog Inputs: Send Analog Inputs: 2 (one per hybrid)<br>Connector: XLR Female, Pin 2 High (Active Balanced with RF Protection)<br>Input Range: Selectable between MIC and LINE levels<br>Line Input Level: Adjustable from -10dBV to +8 dBu (nominal)<br>Analog Clip Point : +21 dBu<br>Impedance: Bridging, > 50 Ohms<br>Analog-to-Digital Converter Resolution: 24 bits |                        |



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|                           |                                       |            |                        | <p>Analog Inputs: Send Analog Inputs: 2 (one per hybrid)<br/> Connector: XLR Female, Pin 2 High (Active Balanced with RF Protection)<br/> Input Range: Selectable between MIC and LINE levels<br/> Line Input Level: Adjustable from -10dBV to +8 dBu (nominal)<br/> Analog Clip Point : +21 dBu<br/> Impedance: Bridging, &gt; 50 Ohms<br/> Analog-to-Digital Converter Resolution: 24 bits<br/> Analog Outputs: Receive Analog Outputs: 2 (one per hybrid)<br/> Connector: XLR Male, Pin 3 High (Active Balanced, RF suppressed; Output Level: Nominal +4 dBu, fixed Impedance: &lt; 50 Ohms<br/> Digital-to-Analog Converter Resolution: 24 bits<br/> Headroom Before Clipping: 20 dB headroom above 4 dBU nominal levels<br/> Audio Performance<br/> Frequency Response: 200 to 3400 Hz, +/- 1 dB<br/> THD+N: &lt; 0.5% THD+N using 1 KHz sine wave<br/> Dynamic Range: Analog in to Analog out, studio loop mode, 10Hz-20Khz. A-weighted: &gt; 92 dB<br/> SNR: Analog output, referred to -12dBm phone line signal (+4dBu studio out), 10Hz-20Khz a-weighted: &gt; 72 dB<br/> Trans-Hybrid Loss: Analog phone line with ducking, gate, AGC, EQ all OFF relative to +4dBu input level: &gt;55 dB Analog Telephone Line Connectivity<br/> Universal interface for worldwide application. Programmable loop current, ring signaling, and flash time. Includes caller ID decoding using Bellcore 212 modem standard.<br/> Power Supply Type: Internal auto-ranging, 90–265 VAC auto-switching, 50–60 Hz.<br/> Power consumption: 100 Watts.<br/> 2 year warranty</p> | <p>Analog Outputs: Receive Analog Outputs: 2 (one per hybrid)<br/> Connector: XLR Male, Pin 3 High (Active Balanced, RF suppressed; Output Level: Nominal +4 dBu, fixed Impedance: &lt; 50 Ohms<br/> Digital-to-Analog Converter Resolution: 24 bits<br/> Headroom Before Clipping: 20 dB headroom above 4 dBU nominal levels<br/> Audio Performance<br/> Frequency Response: 200 to 3400 Hz, +/- 1 dB<br/> THD+N: &lt; 0.5% THD+N using 1 KHz sine wave<br/> Dynamic Range: Analog in to Analog out, studio loop mode, 10Hz-20Khz. A-weighted: &gt; 92 dB<br/> SNR: Analog output, referred to -12dBm phone line signal (+4dBu studio out), 10Hz-20Khz a-weighted: &gt; 72 dB<br/> Trans-Hybrid Loss: Analog phone line with ducking, gate, AGC, EQ all OFF relative to +4dBu input level: &gt;55 dB Analog Telephone Line Connectivity<br/> Universal interface for worldwide application. Programmable loop current, ring signaling, and flash time. Includes caller ID decoding using Bellcore 212 modem standard.<br/> Power Supply Type: Internal auto-ranging, 90–265 VAC auto-switching, 50–60 Hz.<br/> Power consumption: 100 Watts.<br/> 2 year warranty</p> |  |
| <b>Lotul nr. 3 Server</b> |                                       |            |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Server</b>             | <b>UP SuperServer<br/>SYS-521C-NR</b> | <b>PRC</b> | <b>Super<br/>Micro</b> | Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors. Up to 270W TDP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Single Socket E (LGA-4677) 4th/5th Gen Intel® Xeon® Scalable processors. Up to 350W TDP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

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|  |  |  |  | <p>Intel® Xeon® ICX 4314 2P 16C/32T 2.4G 24M 10.4GT 135W 4189 M1 -1 buc</p> <p>8 DIMMs; Supports 3DS DDR4-3200: RDIMM/LRDIMM/Intel® Intel® DCPMM 32GB DDR4-3200 ECC RDIMM - 2 buc<br/>2 PCIe 4.0 x16 (FHFL) slots, 1 PCIe 4.0 x16 (LP) slot</p> <p>Dual ports 1G LAN - 1 buc<br/>Intel® Ethernet Controller X550 2x 10GbE RJ45<br/>8x hot-swap 2.5" SATA3 drive bays with 4 hybrid NVMe/SATA drive bays,<br/>SAS3 with additional SAS controller card;<br/>Onboard 1x NVMe/SATA M.2</p> <p>SSD 2.5" NVMe PCIe4 960GB 1DWPD TLC D - 1 buc<br/>HDD 8TB, SATA 6Gb/s. 7.2KRPM, 256MB Enterprise Series - 11 buc;<br/>Redundant Platinum 650W Power Supply<br/>2 year warranty</p> | <p>Intel® Xeon® Silver 4514Y 16C/32T Processor 30M Cache, 2.00 GHz (Max Turbo Frequency 3.4 GHz) -1 buc<br/>16 DIMMs; Supports 3DS DDR5 RDIMM. Up to 5600 MHz<br/>RAM: 2x 32GB DDR5 4800 ECC REG.<br/>4 PCIe 5.0 x8 FHFL slots, 2 PCIe 5.0 x16 FHFL, slots 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible<br/>Dual ports 1G LAN - 1 buc<br/>Intel AIOM 2-port 10GBase-T, Intel X550.<br/>12x hot-swap 3.5" SATA3 drive bays with 2 hybrid NVMe/SATA drive bays,<br/>Supermicro 16 int 12Gb/s PCIe Gen 4.0<br/>Internal RAID Adapter, 8GB DDR4 onboard cache memory, Supports RAID 0, 1, 5, 6, 10, 50, 60, JBOD.; Onboard 2x NVMe/SATA M.2<br/>SSD 2.5" 960GB NVMe PCIe 4x4 2.5" 7mm (1DWPD) -1 buc<br/>HDD: 11x 8Tb, 3.5", SATA, 7.2K, 256MB Cache, Enterprise- 11 buc<br/>Redundant Titanium 1200W Power Supplies<br/>3 year warranty</p> |  |
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Semnat: \_\_\_\_\_ Numele, Prenumele: Cîrlig Ion În calitate de: director

Ofertantul : „WEST BUY SRL” Adresa: mun.Chișinău bd.Mircea cel Bătrîn 39 ap 143