

Aprob: primar, N. Dandiș

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L.Ș.

**Caiet de sarcini**

**Servicii de organizare de evenimente culturale  
CPV:79952100-3**

**FESTIVALUL INTERNAȚIONAL DE MUZICĂ CLASICĂ - CRESCENDO,  
ediția a XI-a**

**Organizator: Primăria municipiului Cahul  
Locație: Palatul de Cultură "N. Botgros"  
Perioada: 26 septembrie – 01 octombrie 2023**

	<b>Specificatii tehnice</b>	
<b>Sistem profesional de sonorizare line array fara Backline</b>	<p>Sistem de sonorizare profesional line array FBT 50 KW</p> <p>Echipament sunet (echivalent FBT Muse 210 LA / FBT Mitus 218 SA)</p> <p>SUB: Subwoofer cu banda aerisita, cu sistem bass-reflex. Echipat cu doua difuzoare de frecventa joasa cu diametrul de 18" si bobina de 3.9".</p> <p>Frecventa de raspuns de la 30Hz la 100Hz.</p> <p>Amplificator clasa D cu putere de 2000W RMS</p> <p>TOP: Woofer: 2 X 10" bobina de 2.5"</p> <p>Driver 2 x 1" cu bobina de 1.7"</p> <p>Putere RMS: 900 W</p> <p>Raspuns frecventa: 55Hz-20000Hz</p> <p>SPL Maxim: 135 dB</p> <p>Dispersie driver: 90° x 10°</p> <p>Procesor de semnal digital</p>	

<p><b>Sistem profesional de lumini artistice pentru spectacole</b></p>	<p>Moving Head (echivalent DTS Raptor) – 12 buc  beam opening 3.4°  unique 8-facet prism  17 fixed gobos  smooth filter and frost filter  silent operation  color wheel (17 filters)  150,000 lux @ 15 m  +/- 24 Moving head/ beam/ spot/ wash Chauvet 140 SR/ DTS Raptor/ Chauvet 375Z/ Showtec Q4  Light output: 382.000 lux @ 5m  Light source: Osaram Sirius hri 140w  Zoom angle (degrees): beam – 3 to 11 degrees  Spot – 7 to 21  Wash – 14 to 28  Colors 12+white  Prism: 8-facet round, bidirectional rotation at variable speeds.  Effects: pixel control, flower effect, virtual colour wheel, tungsten lamp effect,  +/- 24 Par led Future light &amp; Showtec  12x10w, 6 in 1 LWD (RGBWA+UV)   18x8w, RGBW   Par (echivalent LED Par 64 Short Q4-18) – 30 buc   18 x 8 W RGBW LED Par   40° fixed beam angle   Double bracket for easy floor positioning   DMX and manual control in Auto run and Sound-controlled mode   RGBW colour mixing, dimmer and strobe function   +/- 12 Futurelight par led 12x10 Slim   Equipped with 12 high-power LEDs in the colors red, green, blue, amber, white and UV   Flat housing form requires minimal space when rigging   Extremely compact housing in a beautiful design   Second mounting bracket for safe standing installation   Locking possibility at the brackets with large metal butterfly screws   Functions: static colors, RGBAW+UV color mixture, automatic color changes, dimmer, strobe effect with adjustable speed, Master/Slave operation   Addressing and setting via Control Board with four operating buttons and LED display   Switch-mode power supply for operation between 100 and 240 volts   P-Con terminals for power linking up to 8 units   12 powerful LEDs 10 W high-power 6in1 HCL RGBWA/UV (homogenous color</p>	
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mix)

Can be operated in 6; 10 CH mode

The device is cooled by passive convection cooling

Controlling by stand-alone; DMX; Sound to light via Microphone

Preprogrammed in Light'J; LED PC-Control 512; EASY SHOW 1; LED EASY OPERATOR 4x6; LED EASY OPERATOR DELUXE

Flicker-free

Effect: Strobe effect; UV effect

Moving Head Spot, Echivalent Clay Paky 1200 W – 4 buc

Mașină de fum Hazer

Lichid de fum Hazer

Moving Head (echivalent Chauvet 140 SR) – 8 buc

functie SPOT, BEAM, WASH doua roti cu gobos-uri controlabile independent zoom motorizat ce functioneaza in toate functiile(Spot, Beam sau Wash)

Aimentare intrare/iesire PowerCON® pentru inseriere usoara optica superioara din sticla de foarte buna calitate pentru proiectii bine definite si culori stralucitoare compatibil si cu lampi Osram 132 W

Afîsaj full-color comptibil cu telecomanda de control IRC-6, functia "totem"(caracteristica unica Chauvet) compatibil cu geanta Chauvet CHS-50 VIP

functionare DMX in: 13 sau 19 canale, conexiune XLR 3 pini

Pan/Tilt: 540°/270°

Pan/Tilt controlabil: 180°, 360°, 540° pan/90°, 180°, 270° tilt

culori: 12 + white, split, scroll continuu la diferite viteze

Sirius HRI 132 W lampa cu descarcare (6000 ore)

Strobe Rate: 0-20 Hz

putere luminoasa: (3° beam): 382000 lux la 5 m; (7° spot): 104700 lux la 5 m; (14° wash): 4680 lux la 5 m

inseriere putere:6 unitati la 230 V

alimentare: 240 VAC, 50/60 Hz

putere si consum: 254 W, 1.3 A la 230 V, 50 Hz

dimensiuni gobo: (rotating): 13.7 mm exterior, 11 mm imagine, 1 mm max grosime

unghi de deschidere si zoom: (beam): 3°-11°; (spot): 7°-21°; (wash): 14°-28°

<b>Transport</b>	<p style="text-align: center;">Tur – retur</p> <p style="text-align: center;">Chişinău-Cahul</p>	
<b>Back line</b>	<p>Consola DiGico SD 11</p> <p>48 Input Channels with full processing</p> <p>24 Aux/Sub-Group busses with full processing</p> <p>8 x 8 Matrix with full processing</p> <p>Assignable channel layout</p> <p>User programmable macros</p> <p>Capable of redundantly mirroring with another SD11 console</p> <p>Snapshots for seamlessly changing many parameters at once</p> <p>Offline software</p> <p>iPad control</p> <p>Broadcast software option</p> <p>i software option</p> <p>12 x 100mm touch-sensitive, motorised faders</p> <p>1 x 15” LCD high-resolution touchscreen</p> <p>12 x 8-Segment LED bargraph meters</p> <p>1 x 1/4” Headphone socket</p> <p>1 x USB 2.0 slot</p> <p>1 x PSU</p> <p>1 x XLR3 1.2 – 12V Light connection</p> <p>1 x Waves port (Optional)</p> <p>16 x XLR Mic/Line Inputs</p> <p>8 x XLR Line Outputs</p> <p>1 x XLR AES/EBU Input (2 x channels)</p> <p>1 x XLR AES/EBU Output (2 x channels)</p> <p>2 x GPI 1/4” Jack</p> <p>2 x GPO 1/4” Jack</p> <p>1 x MIDI In/Thru/Out (5 pin DIN)</p> <p>1 x Word Clock I/O BNC</p> <p>Rack is a 32 input, 16 output</p> <p>32 Mic/Line Inputs at 48kHz or 28 Mic/Line inputs at 96kHz</p> <p>8 Line Outputs</p> <p>1 Output expansion card slot for adding 8 outputs</p> <p>MADI RJ45 Connectivity</p> <p>Optional Optics</p> <p>7U Rack Mountable with supplied rackmount kit</p> <p>Gain Tracking™</p> <p>Optional Redundant PSUs</p> <p>Can be used as a standalone rack</p> <p>Monitoare de podea echivalent FBT mitus 210LA</p> <p>MONITOR DE ETAPE ACTIVE 600W + 00W RMS - 134DB SPL</p> <ul style="list-style-type: none"> <li>• 2-bi-amplificare, design-bass-reflex cu driver coaxial</li> <li>• 2 x 250 mm (2 x 10 ... ) ieşiţi driverul de compresie din titan şi bobina vocală de 64 mm</li> <li>• Răspuns în frecvenţă de la 60Hz la 20KHz</li> <li>• Amplificatoare încorporate de clasa D, 600WRMS la LF şi 300WRMS la HF cu alimentare în modul switch</li> <li>• DSP cu 8 presetări ec</li> <li>• Panou de control cu intrare XLR şi legătură, volum, presetări, filtru HP, elevator la sol</li> <li>• Dispersie conică 70 °</li> <li>• Carcasă de placaj de mesteacăn de 15 mm, finisaj vopsea neagră rezistentă la zgârieturi</li> </ul>	

	<ul style="list-style-type: none"> <li>• Soclu de suport de 35 mm și mâner de transport lateral</li> </ul> <p>Ideal pentru aplicații de monitorizare a sunetului în direct, precum și pentru o față a difuzorului principal</p> <p>Configurare: 2 cale</p> <p>Amplificator încorporat LF / HF: 600/300 W RMS</p> <p>Amplificator încorporat LF / HF: 1200/600 W</p> <p>Răspuns la frecvență: 60Hz - 20KHz -6dB</p> <p>Woofer cu frecvență joasă: 2x10 - 2,5 bobină neodim inch</p> <p>Driver de înaltă frecvență: 1x1.4 - 2.5 colil neodim-cox inch</p> <p>SPL cont / vârf maxim: 127/134 dB</p> <p>Dispersia: 70 ° Hx conic</p> <p>Impedanta de intrare: 22 Kohm</p> <p>Frecvența de recrutare: 1,2 KHz</p> <p>Tobe Tama Starclasic Set(22X20, 16, 14, 12,10)</p> <p>In Ear G4</p> <p>In Ear PSM 900</p> <p>Combiu MarckBass</p> <p>Combiu VOX</p> <p>Microfoane OVID</p>	
<b>Ecran LED</b>	<p>Ecran LED de 24 mp pe spatele scenei</p> <p>2 Ecrane LED de 12 mp pentru extensii</p> <p>3 procesoare video, si toate sistemele de comunicare</p> <p>LED DISPLAY</p> <p>640 mm x 640 mm / cabinet</p> <p>- SMD2727 (WHITE)</p> <p>- 750 W/m2</p> <p>- 250 W/m2</p> <p>- Lux 16.7 mln.</p> <p>- 1920 Hz</p> <p>Mediaserver</p> <p>V-Dj (regizor Video) pentru grafica</p>	
<b>Filmare si translare pe Ecrane</b>	<p>Min. 3 camere si 3 operatori</p>	

24.07.2023