

مواصفات تجهيز مدرج الامير حمزه (مركز فرح) من انظمة صوت واضاءه وشاشه عرض

#	item	Description	Quantity	Note
Audio system				
1	Digital Audio Mixer	two styles multi-function digital mixers with small size, light weight, full functions, friendly man-machine interface, intuitive and simple operation, quick response remotely controlled by connecting the WiFi / hot signal of the mixer via mobile phone, tablet or computer, and have the function of the central control based on "UDP" protocol. The function permissions can be preset to avoid misoperation to the greatest extent. It is suitable for small and medium-sized performance, conference rooms, cultural auditoriums, multi-function halls and other sound amplification systems. 16 Channels 8 Bus Output, They can be compatible with devices using iOS, Android, Windows, Mac OS and Linux operating systems	1	
2	Stag Box	4 input Stage Mic input 96kHz audio expander that provides high-input-count remote expansion that makes it the ideal I/O expander	2	
3	Line array	Line array is a medium and big sized line array speaker with accurate coverage angle, light weight and high SPL. It uses low distortion mid-bass unit, high quality MF and HF coaxial unit with special waveguide and horn, accurate and uniform coverage over the effective frequency range. The whole hanging system adopts aluminum alloy material, humanized design makes the system fast installation and ensures safety, and can be used in combination with multiple speakers. Unit configuration: 2x10" high efficiency mid-bass units, 1x1.4" exit throat coaxial MF and HF unit, 90mm voice coil MF driver	6	

		and 44mm voice coil HF driver, it's 3-way speaker; The wood box adopts multilayer composite plywood, wear-resistant and waterproof polyurea paint. DLA410A is equipped with a digital amplifier module to be an active loudspeaker. 320W/8Ω+1280W/8Ω 124dB continuous,130dB peak With Flying Bar		
4	Sub Speakers	Sub Speaker is a single 15" subwoofer. It features 1x15" 75mm voice coil woofer, bass-reflex design, two-point hanging system matched with Line array can be hung, supported and stacked to improve the low frequency performance of the system. The cabinet is made of multilayer composite plywood with wear-resistant polyurea paint. Sub is equipped with two channel digital amplifier with DSP based online array to be an active system 400 Watt RMS 1600 W Peak 125dB Continuous 131 peak With Flying Bar.	2	
5	Stag Monitor	12" Active front guided, adjustable angle LF 1*12" ferrite / voice coil Φ75mm / magnetic steel Φ190mm HF 1*1.73" ferrite compression tweeter / Voice Coil Φ44mm / Magnet Φ120mm 400W 1600W Peak power	2	
6	Handheld Microphone	cardioid vocal stage microphone specially designed to perform under pressure while cutting through the mix with its high output. Made for the working musician. Excellent sound results guaranteed, day to day Frequency response (Microphone) 40 - 18000 Hz Sensitivity in free field, no load (1kHz) 2,8mV/Pa = -51dB (0 dB = 1V/Pa) = -71 dB (0 dB = 1V/ubar) Frequency response (Microphone) 40 - 18000 Hz	4	
7	Wireless Microphone	Raise your voice. Go for XS WIRELESS 1 and rely on a solid wireless transmission with up to 10 compatible channels in a stable UHF band. The XS WIRELESS 1 VOCAL SET is an easy to use all-in-one wireless system for singers and presenters, excellent for		

		<p>live sound featuring Sennheiser's renowned evolution microphone capsules, e825 (dynamic, cardioid) or e835 (superior dynamic, cardioid) to get started. The set includes an intuitive stationary receiver for quick setup and hassle-free handling, as well as a vocal microphone and microphone clamp</p> <p>Easy to use all-in-one wireless system for singers and presenters. Rely on a solid transmission with up to 10 compatible channels in a stable UHF band</p>	4	
8	Wireless Conference System	<p>Innovative automatic air frequency locking technology is adopted, and the system supports 5000 wireless conference units at most; The wide and clear 3.2" dot matrix color display of the system can view the battery power, time and date and other information status of the wireless unit; Support one click shutdown of all wireless units; Support simultaneous interpretation function; Support wireless all digital video conferences. It can be connected to the real company live broadcast of the platform.</p> <ul style="list-style-type: none"> • Independent music display dot matrix display, with built-in dual Bluetooth terminal and USB interface, supports recording function, wireless music playback, independent output of conference unit and music, better convenient operation, and supports switching between Chinese and English language interface. • It has two output interfaces: 6.3mm unbalanced output and XLR balanced output. Single channel independent antenna interface. • 128 bit AES encryption technology is adopted to support WPA / WPA2 wireless security technology; At the same time, it supports Bluetooth conference system and all digital conference system; The system supports opening 8 wireless microphones at the same time; With Bluetooth network port, wireless video conference can be realized by connecting mobile phone; Support manual / automatic ID function; 	1	

		<p>Support Chinese and English language interface switching.</p> <ul style="list-style-type: none"> • Support all input and output audio, and the volume can be adjusted; Support pelco-p, PELCO-D and visca camera control protocols, and cooperate with HD camera tracking host to realize automatic camera tracking; Four microphone management modes: first in first out / Chairman mode / limited mode / limited time mode, with high-intensity anti interference design of mobile phone electromagnetic wave, multi-level error correction and encryption, so as to eliminate mobile phone electromagnetic interference and adjacent frequency interference suppression. 		
	<u>Led Sscreen</u>			
9	Indoor P2 regular lamp 4*3	<p>Indoor P2 regular lamp 4*3 beads, back service cabinet, 1920HZ Refresh rate, 220v-230v(Screen size 4x3=12sqm)</p> <p>Processor Novastar TB60, All Accessory, Main Power Cable, Main network Cables, LED Software and All Spare Part.</p> <p>With All Steel Instruction and controller to division led screen at least 4 part During the show</p>	1	
	<u>Video conferences system</u>			
10		<p>2.14 megapixel; 1/2.8 inch CMOS sensor. Support H.265 and H.264 network video encoding.</p> <p>Support full HD 1080P60 video output.</p> <p>Support 3G-SDI and HDMI HD video output.</p> <p>20x optical zoom, maximum wide angle 59.5°; 12x optical zoom, maximum wide angle 72.5°.</p> <p>Support dual stream, and multi-level video quality configuration.</p> <p>Support 1-channel audio input and 1-channel audio output.</p> <p>Support MAX. 64G TF card for local storage.</p>	3	

		<p>Precise driving system, with accurate positioning and stable operation.</p> <p>Support multiple protocols and control interfaces, support daisy-chain networking.</p> <p>With a multi-functional IR remote controller.</p> <p>With built-in Chinese English operation menu.</p> <p>With smart AE technology to effectively avoid the interference of complicated lights from projectors, TVs, etc.</p> <p>Support desktop/ceiling/wall mount installation.</p>		
	<u>Lighting system</u>			
11	Fresnel Stage Lighting	<p>The MINI FRESNELS is a series of high definition and ultra quiet LED studio wash lights integrated into a die-cast aluminum alloy housing. It features the brightest output and the boldest rendering of the colors. The 15°-40° linear motorized zoom range and a beautifully soft/even wash with high CRI make the fixture an ideal LED replacement for aging incandescent fresnels.</p> <p>The FRESNELS are equipped with a very versatile dimming system with reasonable LED driving frequency. The CRI is ≥ 90 (customize -able). It's controllable by DMX512 or RDM.</p> <p>The fixture comes with 8-leaf barn door system by which the use rs could adjust the projection coverage into smaller spot. The FRESNELS are ideal for TV studios, conference rooms, museums, retail outlets, restaurants, light labs, and other small scale installations where size matters.</p>	8	
12	Profiles light system	<p>These profiles are a series of high definition and noise free LED studio lights integrated into a die-cast aluminum alloy housing. It features the brightest output and the boldest rendering of the colors.</p> <p>The fixture is a professional SPOT lighting system with linear motorized zoom range from 15°-40° for on-site application</p>	4	

		<p>need. The PROFILES are equipped with a very versatile dimming system with 4 preset dimming curves and reasonable LED driving frequency. The CRI is ≥ 90 (customizable). It's controllable by DMX512 or RDM.</p> <p>The fixture comes with 4 metal spot cutting slots by which the users could cut the spot into different shapes. Color frame is included and gobo slot/manual IRIS system are optional kits. The PROFILES are ideal for TV studios, conference rooms, museums, retail outlets, restaurants, light labs, and other small scale installations where size matters.</p>		
13	DMX controller light system	<p>The 1024 DMX controller can control up to 96 fixtures. It is compatible with the library in Avolite Pearl R20 format and features built-in shape effects of pan/tilt circle, RGB rainbow, beam dimming wave, etc. 10 scenes and 5 built-in shapes can be output simultaneously. Faders can be used to output scenes and adjust the intensity of the dimmer channels in the scenes.</p>	1	
14	Recording system	<p>The system must be included recording for every events and presentation in the hall</p>	1	
15	Podium	<p>Replacing the old podium with a new one that has full control of lighting and sound through a small screen located on the new podium</p>	1	
16	Installation	<p>All materials must be installed and any extension works must be hidden in the wall and completely invisible, not giving the aesthetic place</p> <p>The installation includes all civil works</p>	1	

الشروط الخاصة :

- تشغيل وتركيب كافة المواد والأجهزة في المواقع جميعها التي تقررها اللجنة وتوفير جميع الوصلات والكوابل اللازمة لتشغيل الانظمة .
- تلتزم الشركات بعمل زيارة ميدانية لموقع المسرح .
- تلتزم الشركة المحال عليها بضمان تشغيل الانظمة (من نظام الصوت والإضاءة والشاشة)
- ان تلتزم الشركة المحال عليها بتركيب وتشغيل تجريبي للمواد المذكوره اعلاه .
- ان مشتريات القوات المسلحة الاردنية خاضعة بنسبة صفر لضريبة المبيعات وذلك وفقا للمادة ٢٢ من قانون الضريبة العامة على المبيعات .
- على الشركة توضيح كل مواصفة من مواصفات العطاء بعرضها ورافق ما يثبت (كتالوجات وعرض الشركة) بأن المواصفة متوفرة بالأجهزة المقدمة و تقديم Compliance Sheet مع ذكر رقم الصفحة بالكتالوج والعرض , مقابل كل مواصفة.
- تقديم عرض مالي منفصل عن العرض الفني .
- تلتزم الشركة المحال عليها العطاء بتنزيل كافة البرمجيات المطلوبة لتشغيل جميع المواد المحال عليها .
- تلتزم الشركة بالعرض المقدم من قبلها لمدة ١٨٠ يوم على الأقل .
- يحق لنا زيادة عدد الاجهزه من ضمن العطاء بمقدار 25% لكل مادة.
- تلتزم الشركة بان جميع الاجهزه من صوت واطاء وشاشه جديدة وغير مستخدمه تماما .
- تلتزم الشركة بكفالة الأجهزة كاملا كفاله حقيقيه لمدة من سنة إلى ثلاث سنوات وتوفير قطع غيار لها باسعار السوق المحلي في وقتها لمدة عشر سنوات على الأقل ، كما وتسري هذه الكفالة بعد الانتهاء من التركيب والتشغيل النهائي.
- مدة التركيب و التشغيل خلال عشرة أسابيع من تاريخ التبليغ بالإحالة.
- تلتزم الشركة بتدريب خمس اشخاص على تشغيل ومتابعة النظام .