

Schedule of work

Name of Work: Supply , installation, testing & Commissioning of microphone, audio amplifier and other accessories in the MLS auditorium of IACS.					
SI No.	Item description	Quantity	Unit	Rate	Amount
1	Supply, installation, testing & Commissioning of audio power amplifier, capable to drive 4 Nos. of 1600W subwoofers per channel at 8Ω load in non-bridge mode. Topology:- Class: D. Computer interfactable on board DSP processing modes viz.equalizations, crossover, delay, limiter etc. Signal to noise ratio >110dBA. Frequency response: 20Hz to 20KHz at 1W. THD<0.1%. The amplifier must be EMC compatible, class -B limits. Limitation of Voltage Fluctuations and Flicker in Low-Voltage Supply systems, Rated Current. (Bidder must attach technical data sheet and complaince certificate issued by the OEM)	1	No.		
	Make: Powersoft/ Labgruppen/ Crown				
2	Supply, Installation, Testing & Commissioning of instrument condenser microphone for recording of overheads, percussion, acoustic guitars and other strings. The Microphone must have Pre-attenuation Pad @20 dB; Electrical impedance ≤ 200 Ohms; Polar Pattern-Cardioid; Powering Interface Voltage : -44 to 52 V & current ≤3 mA; Audio Output: 3 pin Balanced XLR-M	3	Nos.		
	Make: Sennheiser, AKG, Rode				
3	SITC of dynamic microphone with on/off switch must have the following parameters: Sensitivity: 2.5 mV/Pa; impedance: 600 Ohms; Recommended load impedance: 2000 Ohms; Polar Pattern: Cardioid; Audio Output: 3 pin Balanced XLR-M.	7	Nos.		
	Make: Sennheiser, AKG, Rode				

4	Supply, installation, testing & commissioning of DMX controlled Lighting Console with the followings features. -1024 Channels - 96 luminaire. - 96 Dimmer Control Channels. -Time control of scenes: Fade in/out, LTP slope - Channels for each fixture: 40 primary + 40 fine tune - LCD display with back light - 60 Scenes/Playbacks - 10 Scenes to run simultaneoulsy • 600 Scene step - Shape generator: Shapes of Dimmer, Pan/Tilt, RGB, CMY, Color, Gobo, Iris and Focus • Master slider - Global, playback, fixture - USB Memory - FAT32 format supported	1	No.		
Make: Liteputer / Avolite / Minipearl					
5	Supply, installation, testing & Commissioning of Photo isolator DMX amplifier unit having 1 DMX input and 8 isolated output with following specifications: - Power Supply: 90-240V AC, 45-63Hz. - Control: DMX 512A protocol, - Data input: 3 pin XLR female	2	Nos.		
Make: Liteputer / Avolite / Zero88					
6	Supply of Speaker Stand as per following specifications: Heavy duty, telescoping speaker stand with tripod base, Lightweight, aluminum construction. Sleek black finish. Adjustable up to 5' in height. Standard 1 3/8" pole adapters fit virtually all PA speakers. 110lb (50kg) of handling capacity per stand. Locking latches for increased support.	2	Nos.		
Make: K&M, Samson, Auray					
		Total			
Rupees.....Only					
NOTE:The quoted rate shall be inclusive of all taxes & duties, levies, cess etc i/c GST also. Nothing extra will be paid to the Contractor except the accepted rate.					
GST No:					
HSN/SAC code:					
CGST@ 9% considered in the above BOQ					
SGST@ 9%Considered in the above BOQ					