

Schedule of Works for repairing and upgradation of sound system in the Auditorium, MLS Hall at IACS

[NIT No.- IACS/WS/SB/ELEC/2017-18/104](#) [Dated 12-02-2018](#)

1) Speakers & Amplifier

Sl. No.	Model	Brief Description	Basic Unit Value	GST %	GST Amt.	Final Unit Value	UOM	Qty.	Total Value
1.1	PSS 381S	Supply & Delivery of Professional Subwoofer with the following technical specifications 1x18" front loaded die-cast basket; 600 watt continuous power, 8 Ohm nominal impedance, 126 db Max SPL, 97 Db Sensitivity					Pc	2	
1.2	XRS12P	Supply & Delivery of Powered Stage Monitor with the following technical specifications: Two way active speaker with one 12" woofer and one 2" driver, ne XLR line level input and one XLR mic level input, each with separate bass/level/volume controls, polypropylene cabinet with heavy duty metal grill in front, 90 degree x 90 degree (HxV)					Pc	2	

Sl. No.	Model	Brief Description	Basic Unit Value	GST %	GST Amt.	Final Unit Value	UOM	Qty.	Total Value
1.3	AMB 1600	Supply & Delivery of professional Dual Channel Amplifier, with the following technical specifications: 2x800 watt both channel driven at 4 Ohm continuous, class AB, Frequency response 10 Hz-35.5 kHz @ 1 kHz), signal to Noise ratio . 100 dB (A-weighted), THD , 1% (at rated power), High or Low pass filter per channel, Balanced XLR input and thru output, limiter present, fan cooled. Approved Make: Australian Monitor/Meyer Sound/DB Audio					Pc	1	

20) Mixer, Microphonics & other - Electronic Equipment

Sl. No.	Model	Brief Description	Basic Unit Value	GST %	GST Amt.	Final Unit Value	UOM	Qty.	Total Value
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2.1	CGN 99C	<p>Supply & Delivery of Gooseneck Microphone accompanied with a general supporting base with the following technical specifications: Condenser microphone with a cardioid polar pattern, Audio frequency bandwidth 70-18000 Hz, equivalent noise level 21 db-A, Signal of Noise 73 dB-A, Bass cut filter 250 Hz, Electrical impedance 600 Ohms, recommended load impedance 2000 Ohms, Audio type balanced XLR, Voltage 9 to 52V, current 3mA. Approved make: Sennheiser/AKG/Audio Technics</p>					Pc	3	
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2.2	EQ 1231	Supply & Delivery of Equilizer with the following technical specifications 31+31 band stereo Eq. Bal. XLR ins/outs, 12dB Gain, 40Hz low cut, switchable boost/cut of +6 or +12d, 12dB per octave, 50Hz low cut filter, front panel bypass switch (IN & OUT)+12dB input gain range, 4 segment LED ladders, center dented slide master controls, center dented + 12dB slide controls, Master gain controls, XLR and TRS inputs and outputs, Heavyduty internal Torodial transformer, dynamic range of greater than 108dB, power ON/OFF switch and LED. Approved make: DBX/NX Audio/HM Audio					Pc	1	
2.3	Mic Pocket Box	Supply & Delivery of Customized Mic Pocket Box.					Pc	2	

3) Speaker & Microphone Cable:

Sl. No.	Model	Brief Description	Basic Unit Value	GST %	GST Amt.	Final Unit Value	UOM	Qty.	Total Value
3.1	Speaker Cable	Supply & Delivery of Twin parallel 2 sq.mm. speaker cable Approved Make: Asian/Deepcab/Mescab					Mtr	100	
3.2	Mic cable	Supply & Delivery of 2 core shielded Microphone cable Approved Make: Asian/Deepcab/Mescab					Mtr	100	

3.3	Interconnects	Supply & Delivery of XLR interconnects Approved Make: Neutrik/MX/Amphenol					Lot	1	
		Laying of cables					Mtr	200	
		Installation/Comission					Lot	1	
	GST No.-			Total				Total	
	SAC No.		CGSt @		Rs.				
			SGST @		Rs.				
Rupees									

Signature of the Contractor with Stamp
Date -