



**MGM INSTITUTE OF HEALTH SCIENCES**

Plot 1 & 2, Sector -1 Kamothe, Navi Mumbai 410209

**e-Tender for Video Screen and VC Sound System**

Tenders invited from reputed Manufactures or their authorised distributors / dealers of Video Screen and VC System for MGM Institute of Health Sciences, Kamothe, Navi Mumbai, in the format given below:

Name & Address of Vendor: \_\_\_\_\_

A		Video Screen				
No.	Description		Make & Model	Qty	Rate	Total
1	<p>Video Screen: Pixel Pitch Model : 2.50mm or less <b>Minimum Size: 6m X 2.03m or Higher i.e. 249" Diagonal</b> <b>Resolution: 2400 X 810 or higher</b> Includes: &gt; LED Cabinets size as per OEM &gt; Controller as per Screen Requirement &gt; High Standard Cabinet i.e. Die Casting Magnesium or Aluminium Material, Light Weight Cabinet i.e. 26 Kg per sqm or less, Slim Cabinet i.e. 40mm or less &gt; Viewing Angle 160 / 160 &gt; Refresh Rate 3840 Hz or more &gt; Minimum Brightness 800 nits or more &gt; Lifetime 1,00,000 hours or more, Contrast 5000:1 or more, International Certifications: EMC Class-B, FCC, CE, Fire Protection Class 1, REACH, ROHS</p>			1 No		
	Supply Installation and Commissioning of Active LED Wall of Minimum 3.6m x 2.03m size with 2.50 mm or less Pixel Pitch as per following technical specifications complete in all respect		<b>Compliance</b> Yes / No			
	<b>Approved Make LED</b>	<b>Branded LED can be quoted</b>				
	<b>Physical Parameters</b>	Total Resolution of Screen	<b>2400 x 810 or more</b>			
		Diagonal Size	<b>249" or higher in 16:5.4 aspect ratio</b>			
		Pitch pitch	<b>2.50mm or less</b>			
		Pixel Configuration	<b>3 in 1 SMD</b>			
		Weight per Square Meter (kg/m <sup>2</sup> )	<b>26 or less</b>			
		Physical Pixel Density (pixels/m <sup>2</sup> )	<b>160000 or more</b>			
		Flatness of Unit Case (mm)	<b>±0.1 or less</b>			
		Cabinet Depth	<b>40mm or less</b>			
		Unit Case material	Die casting Aluminium or Die Casting Magnisium			
		Service access	Front			

No.	Description		Make & Model	Qty	Rate	Total
<b>Optical Specifications</b>	Minimum Brightness ( After Calibration)	<b>800 cd/m2 or more</b>				
	Color Temperature	3500 - 9000 or better				
	Visual Viewing Angle (Horizontal)	160 or more				
	Visual Viewing Angle (Vertical)	160 or more				
	Brightness Uniformity	97% or more				
	Color Uniformity	±0.003CxCy				
	Contrast Ratio	5000 or more				
	Processing Depth (bit)	14 or more				
	Power Consumption (W/m <sup>2</sup> , Max.)	750 or less				
	Power Supply (V)	100 to 240				
	Frame Rate (Hz)	50 or more				
Refresh Rate (Hz)	<b>3840 or more</b>					
<b>Certifications</b>	International Certifications/ Test Report	<b>EMC Class-B as per EN 55032:2015</b>				
		FCC as per FCC Part 15 Subpart B:2018				
		CE-LVD as per EN 62368-1:2014 + A11:2017				
		<b>Fire Protection Class 1 as per BS476</b>				
		<b>REACH Certification</b>				
<b>Operation Specifications</b>	Lifetime	100000 hr or more				
	Operating Temperature	-10° to +45°				
	Operating Humidity	0~80%RH				
	IP rating Front	<b>IP30</b>				
	IP rating Rear	<b>IP30</b>				
<b>LED Controller of same Make as LED Screen with Original OEM Software for Configuration</b>	Inputs	HDMI HDCP 2.2, DP				
	LED Controller of Same Make as LED	Yes				
	Resolution Supported	3840x2160 @ 60HZ or better				
	Output Pixel	8.2 Million or more				
	Control Ports	RS232C Loop and LAN				
	LAN Output	Minimum 16 or more				
	Temperature Sensor	Yes				
	Chrome Adjustment	Yes				
	Original LED Configuration Software o	Yes				
	Brightness Adjustment	Yes				
	Scaling	Yes				
	HDR	Yes				
	Operating System	Yes				
<b>OEM Eligibility</b>	OEM Should have registered office in India from last 10 years					
	ISO Certification of OEM					
	OEM Must have Service Center in state					
	OEM Should have Valid GST Number in india					



<b>B</b>	<b>VC Sound System</b>						
<b>No.</b>	<b>Material Category</b>	<b>Material Description</b>	<b>Qty</b>	<b>Make</b>	<b>Model</b>	<b>Rate</b>	<b>Total</b>
<b>I</b>	<b>AUDTORIUM</b>						
	<b>MULTICHANNEL WIRELESS MICROPHONE SYSTEM</b>						
1	Wireless Handheld Microphone Set	Wireless Handheld Dynamic Microphone with RF diversity Antenna Receiver System; RF Band 10; RF Output Power 50mW	2				
2	Wireless Lapel & Head Worn Microphone Set	Wireless Presenter Microphone with RF diversity Antenna Receiver System; RF Band 10; RF Output Power 50mW	1				
<b>II</b>	<b>ANTENNA DISTRIBUTION SYSTEM</b>						
1	Antenna Power Splitter	4 Way Antenna Power Splitter	1				
2	Antenna Cable	RF Antenna Cable with 20m in Length	2				
3		0 RA4000B/EW ANTENNA	2				
<b>III</b>	<b>MICROPHONE SYSTEM</b>						
1	Gooseneck Microphone	GN50 M GOOSENECK MICROPHONE	2				
2	Installed Accessories	PA ESPM (3 PIN XLR & SWITCH)T	2				
3	Microphone capsule	Reference cardioid condenser microphone capsule	2				
4	Accessories	H600 SHOCK MOUNT	2				
5	Handheld Vocal Microphone	D5S MICROPHONE	2				
6	Dynamic Instrument Microphone	Professional wired dynamic instrument microph with Cardioid Polar Pattern	2				



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<b>IV</b>	<b>MIXING CONSOLE</b>						
1	Analog Mixing Console	16 Channel Analog Mixing Console FX16ii; P/N: RW5757EU	1				
2		MKII HEADPHONES	1				
<b>V</b>	<b>DIGITAL SIGNAL PROCESSOR</b>						
1	Digital Signal Processor	12x8 Signal Processor with BLU link (EU) BSS Model #BLU100	1				
2	Advanced Feedback Suppression	Advanced Feedback Suppression® Processor with Full LCD Display dbx Model #AFS2	1				
<b>VI</b>	<b>LOUDSPEAKER SYSTEM FOH L - R</b>						
1	Line array column Loudspeaker	Constant Beamwidth Technology™ Two- Way Line Array Column with 4 x5" LF Drivers; 16 x1" HF Drivers; etc.	2				
2	Line array column Loudspeaker	Purpose-Designed Extension for CBT 70J-1 Line Array Column Speaker with 4 x 5" LF Drivers; etc.	2				
3	Digital Power Amplifier	DCi Series, Network Based Multichannel Digital Power Amplifier with 4 x 600W; built-in DSP and BLULink	1				
<b>VII</b>	<b>LOUDSPEAKER SYSTEM - DELAY</b>						
1	Line array column Loudspeaker	Constant Beamwidth Technology™ Line Array Column Loudspeaker with 8 x 2" Full Range Drivers; etc.	4				
2	Digital Power Amplifier	DCi Series, Network Based Multichannel Digital Power Amplifier with 4 x 300W; built-in DSP and BLULink	1				

<b>B VC Sound System</b>							
<b>No.</b>	<b>Material Category</b>	<b>Material Description</b>	<b>Qty</b>	<b>Make</b>	<b>Model</b>	<b>Rate</b>	<b>Total</b>
<b>VIII SUBWOOFER SYSTEM</b>							
1	Power Subwoofer	1 x 18" High Power arrayable Subwoofer system with power rating 800W Continuous at 8 Ohms; etc.	2				
2	Digital Power Amplifier	DCi Series, Network Based Dual channel Digital Power Amplifier with 2 x 1250W; built-in DSP and BLULink	1				
<b>IX STAGE MONITORS</b>							
1	Power Loudspeaker	1 x 12" LF; 2-Way Stage Monitor Speaker System; Power Rating 300W at 8 Ohms; etc.	2				
2	Digital Power Amplifier	DCi Series, Network Based Dual channel Digital Power Amplifier with 2 x 600W; built-in DSP and BLULink	1				
3	Digital Podium		1				
<b>Sub Total</b>							
<b>INSTALLATION CHARGES</b>							
<b>Sub Total</b>							
<b>GST %</b>							
<b>Grand Total</b>							
<b>Terms and Conditions</b>							
<b>Warranty</b>							
<b>Work Completion Period</b>							
<b>Payment</b>							



<b>B</b>	<b>VC Sound System</b>						
No.	Material Category	Material Description	Qty	Make	Model	Rate	Total
	<b>AMC Post Warrnty</b>						
	<b>CMC Post Warranty</b>						

Kindly email your lowest quotations for above item with your terms and conditions as well as applicable Brochure / Catlog, Client list with installation Year and their Contact numbers to [etenders@mgmuhs.com](mailto:etenders@mgmuhs.com) only.

Date:	
Seal	