



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND  
RESEARCH THIRUVANANTHAPURAM [IISERTVM]**

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CET CAMPUS, ENGINEERING COLLEGE. P.O  
THIRUVANANTHAPURAM 695016,  
KERALA, INDIA

Date: 09<sup>TH</sup> August 2016

**ADDENDUM TO TENDER NO**

**No: IISER/PUR/8256/PYS/IT/16**

**Sub: Supply and Installation of Projector, screen and Audio System.**

**The Invitation to Tender for Supply and Installation of Projector, Screen and Audio System the specifications changed as per Annexure I:**

**Due date for submitting quotation is extended to 23<sup>rd</sup> August 2016 [4PM].**

**Date of Opening Quotation is 25<sup>th</sup> August 2016[3PM].**

Other terms and conditions of our invitation for bids remain same.

Thanking You,

Yours Faithfully

Sudeen B. Babu  
Asst. Registrar  
[General Admn]

**Items Required**

Item	Qty
WUXGA 3LCD Projector	1
200-inch diagonal 16:9 Motorized Projection Screen	1
8-Channel Rackmount Power Amplifier (150W/Channel @ 8 Ohms)	1
Wall Mount 30W installation speaker	24

**Specifications**

<b>WUXGA 3LCD Projector</b>	
Projection System	3LCD
Projection Method	Front, rear, ceiling mount
Pixels	(1920 x 1200) x 3
Color Brightness	6000 lumens
White Brightness	6000 lumens
Aspect Ratio	4:3, 16:9, 16:10
Resolution	1920 x 1200 (WUXGA)
Resize options	640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050
Lamp life	Normal mode – 2000 hours ECO mode – 4000 hours
Projected size	50" to 300"
Keystone Correction	Horizontal: ±30 degrees Vertical: ±30 degrees
Interfaces	HDMI x 1, DisplayPort x 1, Computer: D-sub 15 pin x 2, Network: RJ-45 x 1, 100 Mbps, USB Type-A x 1, Type-B x 1, Serial: RS-232c Monitor-Out: D-sub 15 pin x 1, HD BaseT x 1, HD-SDI x 1
Remote control	Power, source search selection, computer, video, A/V mute, freeze, user ID, auto, aspect, color mode, number, page up and down, E-zoom, volume, help, menu, enter, esc and pointer functions
Warranty	3 Years
Approved brands	Epson/Panasonic/Sony
<b>200-inch diagonal 16:9 Motorized Projection Screen</b>	
View Size	98.0" H x 174.0" W
Screen material	MaxWhite FG, 1.1 Gain, Fiberglass-backed, fully black backed front projection screen with textured surface, black masking borders, 4K Ultra HD and Active 3D Projection Ready. GreenGuard and GreenGuard GOLD Certified
Viewing angle	180°
Features	Mildew resistant and washable
Accessories	installation kit, infrared (IR) & radio frequency (RF) remotes, 3-way position wall switch
Warranty	1 Year
<b>8-Channel Audio Mixer</b>	
Mic/Line Inputs	2 Mic: 3-pin XLR 6 Line: 1/4" TRS Phone
Output	1/4" Stereo
Phantom Power	+48V Phantom
Warranty	1 Year
Approved Brands	Allen&Heath/Behringer/ Mackie
<b>8-Channel Rackmount Power Amplifier</b>	
Channels	8
Power	150W/Channel @ 8 Ohms
Frequency response	20Hz - 20kHz ±0.5dB

*[Handwritten signature]*

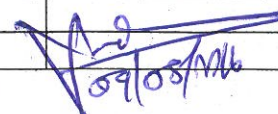
Signal-to-Noise Ratio	110dB
Connectors	8 x 3-Pin Phoenix Inputs 8 x 2-Pin Phoenix Outputs
Warranty	1 Year
Approved brands	Behringer/Crown Audio/Yamaha
<b>Wall Mount 30W installation speaker</b>	
Speaker type	Wall mountable
Speaker units	4" Woofer & 1" Tweeter
Rated power	30W RMS
Impedance/Voltage	8Ω, 100V
SPL at 1kHz	86dB
Warranty	1 Year
Approved brands	Ahuja/BOSCH/StudioMaster

### Other conditions

- The specifications provided are the minimum required
- Delivery, installation and demonstration should be done at IISER Vithura campus as per the deployment details and as required by IISERTVM staff
- All components and cables required should be supplied and installed as a part of installation charges
- Product brochures of all components should be attached without which the offer is liable for rejection
- Product compliance sheet should be filled and submitted along with the offer as per Appendix A
- Price bid should be submitted as per Appendix B
- Site visit will be arranged and will be published at [http://www.iisertvm.ac.in/tenders/active\\_tenders.php](http://www.iisertvm.ac.in/tenders/active_tenders.php)

### Appendix A: Compliance sheet

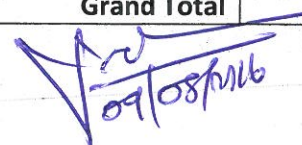
Property	Value	Comply(Y/N)	Deviations
<b>WUXGA 3LCD Projector</b>			
<b>OEM:</b>	<b>Model:</b>		
Projection System	3LCD		
Projection Method	Front, rear, ceiling mount		
Pixels	(1920 x 1200) x 3		
Color Brightness	6000 lumens		
White Brightness	6000 lumens		
Aspect Ratio	4:3, 16:9, 16:10		
Resolution	1920 x 1200 (WUXGA)		
Resize options	640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050		
Lamp life	Normal mode – 2000 hours ECO mode – 4000 hours		
Projected size	50" to 300"		
Keystone Correction	Horizontal: ±30 degrees Vertical: ±30 degrees		
Interfaces	HDMI x 1, DisplayPort x 1, Computer: D-sub 15 pin x 2, Network: RJ-45 x 1, 100 Mbps, USB Type-A x 1, Type-B x 1, Serial: RS-232c Monitor-Out: D-sub 15 pin x 1, HD BaseT x 1, HD-SDI x 1		
Remote control	Power, source search selection, computer, video, A/V mute, freeze, user ID, auto, aspect, color mode, number, page up and down, E-zoom, volume, help, menu, enter, esc and pointer functions		
Warranty	3 Years		
Approved brands	Epson/Panasonic/Sony		
<b>200-inch diagonal 16:9 Motorized Projection Screen</b>			
<b>OEM:</b>	<b>Model:</b>		
View Size	98.0" H x 174.0" W		

  
 09/08/2016

Screen material	MaxWhite FG, 1.1 Gain, Fiberglass-backed, fully black backed front projection screen with textured surface, black masking borders, 4K Ultra HD and Active 3D Projection Ready. GreenGuard and GreenGuard GOLD Certified		
Viewing angle	180°		
Features	Mildew resistant and washable		
Accessories	installation kit, infrared (IR) & radio frequency (RF) remotes, 3-way position wall switch		
Warranty	1 Year		
<b>8-Channel Audio Mixer</b>			
<b>OEM:</b>	<b>Model:</b>		
Mic/Line Inputs	2 Mic: 3-pin XLR 6 Line: 1/4" TRS Phone		
Output	1/4" Stereo		
Phantom Power	+48V Phantom		
Warranty	1 Year		
Approved Brands	Allen&Heath/Behringer/Mackie		
<b>8-Channel Rackmount Power Amplifier</b>			
<b>OEM:</b>	<b>Model:</b>		
Channels	8		
Power	150W/Channel @ 8 Ohms		
Frequency response	20Hz - 20kHz ±0.5dB		
Signal-to-Noise Ratio	110dB		
Connectors	8 x 3-Pin Phoenix Inputs 8 x 2-Pin Phoenix Outputs		
Warranty	1 Year		
Approved brands	Behringer/Crown Audio/Yamaha		
<b>Wall Mount 30W installation speaker</b>			
<b>OEM:</b>	<b>Model:</b>		
Speaker type	Wall mountable		
Speaker units	4" Woofer & 1" Tweeter		
Rated power	30W RMS		
Impedance/Voltage	8Ω, 100V		
SPL at 1kHz	86dB		
Warranty	1 Year		
Approved brands	Ahuja/BOSCH/StudioMaster		

### Appendix B: Price Bid

Item	Qty	Unit price	Total Price
WUXGA 3LCD Projector	1		
200-inch diagonal 16:9 Motorized Projection Screen	1		
8-Channel Audio Mixer	1		
8-Channel Rackmount Power Amplifier (150W/Channel @ 8 Ohms)	1		
Wall Mount 30W installation speaker	24		
Installation Charges	-		
<b>Grand Total</b>			


  
 09/08/16