

Department of Electrical Engineering

Enquiry No. EE/SC/2017/TV

Opening Date: 11 Aug 2017

Closing Date: 18 Aug 2017

Subject: Purchase of LFD Display Panel

We are interested in the purchase of a LFD display panel as per the following details.

Specification Details of Item Required:

Quantity: 1

Minimum Desired Specifications are:

Display	Screen Size	82 inch	
	Panel Technology	120Hz Edge-lit LED	
	Resolution	1920 x 1080	
	Aspect Ratio	16 : 9	
	Brightness	500 nits	
	Contrast Ratio	5,000:1	
	Viewing Angle (Horizontal/Vertical)	178°/178°	
	Orientation	Landscape / Portrait	
	Response Time (G-to-G)	8 ms	
	Dynamic C/R	50,000:1	
Connectivity	Input	RGB	VGA (D-Sub 15 Pin), DVI-D, Display Port 1.2
		Video	HDMI (3), Component/Composite
		Audio	Stereo Mini Jack
	Output	RGB	Display Port 1.2 (Loop-out)
		Audio	Stereo Mini Jack
	External Control	RS232C (In/Out) Thru Stereo Jack, RJ45	
	External Sensor	IR, Ambient Light (In/Out)	
	Additional Ports/ Features	USB Port-4	
SD Card Slot			
AV In			
Embedded Wi-Fi Module			
Sound	Built in Speaker (10W x 2)		
Environmental Conditions	Operating Temperature	0°C-40°C	
	Humidity	10-80%	
Power Supply	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
	Power Consumption (Typical/Max)	138W / 363W	
	Power Consumption (Standby)	< 0.5W	
Features	Hardware	Super Clear Coating, Temperature Sensor, Video Wall (15 x 15), Pivot Display, Clock Battery (80hrs Clock Keeping)	

	Software	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (HDCP Support), Built In Magic Info Player S2, Firmware Update by Network, LFD New Home Screen, PC-less Video Wall, Predefined Template for Vertical Usage, Multi-Channel, Mobile Control, Event Schedule, Backup Player, Magic Presenter
	Internal Media Player	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 4GB FDM, Linux OS
	VESA Standard Wall Mount Interface	600 x 400mm
	SMART Signage Platform Compliant	Yes
	Tuner	Yes
	Continuous 24/7 Operation	Yes
Service/Warranty	Minimum 5 Years On-Site (Parts / Labor / Backlight)	

Please send your **Sealed Quotation** to the undersigned for the same.

Note:

1. Our organization is an educational institute of repute and liable to get educational discount from the manufacturer/supplier. Please specify the discount separately.
2. All quotations must reach the undersigned on or before.
3. Quotation must be valid for 90 days.
4. Delivery period should not be more than 1 **month**.
5. Send complete detail of the product(s).
6. Payments terms: 100% after successful installation.
7. IITK is exempted from excise/custom duty.
8. All prices are to be for IIT Kanpur.

Dr. Saikat Chakrabarti
Dept. of Electrical Engineering
Indian Institute of Technology Kanpur
Kanpur 208016
Phone: 0512-259-6598
Email: saikatc@iitk.ac.in