

**QUOTATION NOTICE**

Sealed quotations are invited from the eligible firms for the supply and installation of LCD Projector in the Dept. of Physical Education, University of Kerala, PMG.

**TECHNICAL SPECIFICATIONS FOR LCD PROJECTOR****LED ANDROID 3D  
PROJECTOR**

<b>1. Built-in Android OS, 2.4G/5G Wifi.</b> <b>2. Bluetooth 4.0, 3D, max Support 4K</b> <b>3. Airplay(via happycast )/Wifi-display</b> <b>(for android smartphone with multi-screen ),</b> <b>3. Electric focus</b>		
OPTICS	Display Type	DLP
	Display Chip	TI 0.45 inch WVGA DMD*RGBLED
	Brightness	3000 lumens
	Lamp	OSRAM LED Lamps
	Contrast Ratio	10000:1
	Standard Resolution	WVGA 1280*800
	3D	Support 3D function(DLP-LINK)
PROJECTION	Throw Ratio	1.19, (1 meter: 39 inches)
	Throw Range	30-300 inches
	Throw Distance	1-6Meter(s)
	Aspect Ratio	16 : 10/16 : 9/4 : 3
	Keystone Correction	4 corner supports automatic and manual
	Projection Methods	Front Projection,Rear Projection,Hanging cast
	Texture of material	Plastic ABS+ electroplating + metal
	Focus mode	Electric motor focusing
	Built-in loudspeaker	4 Ω 5w*2
SYSTEM PARAMETERS	CPU	MStar6A648 Decode 4K H.265/VP9 4K*2K/60HZ
	Clock Speed	64 bits CPU: Contex A53 Two nuclei GPU: Mali-450mp4
	Cache	2G DDR3
	RAM	32GB eMMC
	Operating System	Android 6.0 Customize
	Bluetooth	BT 4.0 (Support external bluetooth Speaker and mouse)
	WIFI	2.4G / 5.0G dual-band WIFI
	Remote Control	Infrared remote control and support 2.4g wireless remote
	Power input parameters	19V-2.1A DC
INTERFACE	Input interface	USB 2.0*1,USB 2.0*1(Able to read data frim USB hard drive, support mouse and keyboard access)/TF Card(max 32G)/HDMI 2.0(max support 4K)/AV/RJ45(Network interface)
	Output interface	Audio-out(3.5mmHeadphone Output, can connect headphones or speakers)
ELECTRICAL SPECIFICATIONS	Total Power Consumption	<35W
	DC Input	Power adapter: DC 19V 2.1A
	Power Performance	AC100-240V,50/60Hz No built-in battery

**Conditions**

1. The rate quoted should be inclusive of Tax, transportation charges and any other charges. Terms of Warranty should be clearly mentioned.
2. Complaints with the items supplied should be rectified /replaced to the satisfaction of the University by the suppliers at their own cost.
3. Payment will be made only after the supply of the items at our own site.
4. The undersigned reserves the right to reject /accept any quotation without assigning any reason.
5. The equipment should be installed in the Department of Physical Education, University of Kerala.

The sealed quotations should reach 'The Director, Department of Physical Education Sciences, University of Kerala, G.V Raja Pavilion, PMG. Thiruvananthapuram-695 533, Kerala on or before 20/01/2021 at 3.00 p.m.

Sd/-  
DIRECTOR  
Department of Physical Education