

Shyama Prasad Mukherjee Govt. Degree College

(A constituent college of Allahabad University)

Phaphamau, Prayagraj 211013

Date 20.08.2024

Quotations are invited for SMART class setup in SPM College at given specifications

Quotations are invited for SMART class setup in Shyama Prasad Mukherjee Govt. Degree College, Phaphamau, Prayagraj. Quotations in the sealed envelope superscripted as "SMART class setup in SPM College" must reach in the office of the principal Shyama Prasad Mukherjee Govt. Degree College, Phaphamau, Prayagraj-211013, UP through speed post on or before 28th August, 2024. The smart board should be compatible with interactive software and have high resolution for clear display of educational content. Additionally, the board should have touch-screen capabilities to enhance student engagement and participation in classroom activities. Furthermore, the smart board should have the ability to connect to other devices wirelessly for seamless integration with various teaching tools. It is important that the smart board be durable and user-friendly to ensure long-term use and ease of operation for teachers. Overall, the smart board should be a valuable tool for enhancing the learning experience in the classroom. Additionally, it should have built-in features such as multimedia support and annotation tools to facilitate dynamic and interactive lessons.

The detailed specifications of smart board to setup smart class are enclosed. Quotations not confirming to the specifications and / or reaching after the scheduled date shall not be entertained nor will any communication be sent / attended in this regards.

The rate must be inclusive of taxes (GST etc.) and must be valid till 30th November, 2024.

Abhijit H
Convenor 20.08/2024
Purchase Cell

20/8/24
Principal
Principal
SPM Govt. Degree College
Phaphamau, Prayagraj

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Interactive Flat Panel 75 inches, specification

S.No	Particular Items	Specifications	
1.	Active Screen Size ("inch)	75"	
2.	Resolution	3840*2160 or better	
3.	Display Colors	10 bit or better	Display Colors
4.	LCD Brightness	>400cd/m2 or better	LCD Brightness
5.	Contrast Ratio (Typical)	4000:1 or better	Contrast Ratio (Typical)
6.	Response Time (Typical)	4ms or better	Response Time (Typical)
7.	Viewing Angle	178°	Viewing Angle
8.	Life time (working hours)	>50,000 hours or better	Life time (working hours)
9.	Display Orientation	Landscape	Display Orientation
10.	Reference Frequency	120Hz	Reference Frequency
11.	Speakers	Should be SEAMLESSLY build-in the display	Speakers
12.	Max.Power Output	2x 20 Watts or above	Max.Power Output
13.	Life time (working hours)	>50,000 hours or better	Life time (working hours)
14.	Display Orientation	Landscape	Display Orientation
15.	Reference Frequency	120Hz	Reference Frequency
16.	Touch Technology Deployment	Touch feature should be seamlessly build-in the display and NO overlay is allowed	Touch Technology Deployment
17.	Touch Sensor	Advanced IR	Touch Sensor
18.	Surface material of touch surface	Anti-Glare & Anti-Finger Print Glass	Surface material of touch surface
19.	Protection	3M antiglare	Protection
20.	Haze	2%~5%	Haze
21.	Touch Screen Writing Tools	Nano Pen (>3mm width) included or Finger	Touch Screen Writing Tools
22.	TOUCH Response time	≤4ms or better	TOUCH Response time
23.	Positioning Accuracy	±1mm or better	Positioning Accuracy
24.	Transmission Range	5M	Transmission Range
25.	Transparency	>88% or better	Transparency
26.	Surface Hardness	H9 or More than H9	Surface Hardness
27.	Glass thickness	4 mm	Glass thickness

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28.	Ports	2xHDMI , 1x USB fro touch, 2 x USB for Media play function, 1 x Microphone(3.5mm):-To connect any external microphone, DPx1 (4K@60Hz)+ USB for Touch Port 3 while using Display port, RJ45 x 1, USB 3.0 x 1,VGAx1 (1920x1080@60Hz) + USB for Touch Port 4 while using VGA port, 3.5mm Line out x 1, DC Out (5V 2A) x1
29.	OPS Slot	Min one OPS slot
30.	Multimedia File Formats Supported	Support all major types of multimedia files
31.	GUI - Graphic User Interface	The display must have GUI for ease access of resources, functions and shortcuts. This GUI shall be any proprietary OS but must be computable with Android coding.
32.	Play Store	Should have play store installed in Android OS
33.	Software Features	Software must support all basic features like Pen selection, width selection, Color change, Background change, erase, Multiple page navigation, saving of file in PDF and JPEG.
34.	Special software Features	Whiteboard software should give option to navigate page with 2 fingers without using menu. Special eraser to erase while writing without selecting menu.
35.	Customized GUI	User can easily customized their own background and logo's
36.	Multimedia File Formats Supported	Support all major types of multimedia files
37.	RAM	4 GB or higher
38.	ROM	32GB built in or higher
39.	Power consumption	power consumption 250 watts or lower
40.	Android Version	13.0.0 or higher
41.	Android resolution	4K

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42.	Storage Temperature/Humidity	-15°C~55°C/20~90%RH(Non coagulation)
43.	Working Temperature/Humidity	0°C-40°C/20~80%RH(Non coagulation)
44.	Mounting Capabilities	facility to mount on floor stand or wall brackets
45.	Brand	Brand should be registered in Rajasthan for last 4 years
	OEM Office	OEM Should have GST office in Rajasthan, since Jan 2019.& service set up in Varanasi and Lucknow.
	Certificate	BIS, NSIC. ISO 9001, 45001. UL certificate.
	Manufacturer's authorization	The bidder must submit the authorization certification
	Wall Mount Kit for Pannel(Ekin/Ebco/MX)	
	Suitable for TV size:65"-98"	
	Including a precision bubble lever to assure proper mounting angle.	
	Fits most flat panel plasma and LCD TV, safe and easy to install.	
	Surface: powder coated.	
	Compliant to VESA standard: 200*200mm.	
	Max load capacity: 85 kg.	