1513/APS/Interactive Panel   28 **Aug 2024**
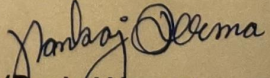
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CALL FOR QUOTATIONS: PURCHASE AND INSTALLATION OF INTERACTIVE PANEL FOR 11TH AND 12TH CLASSES BY APS BEAS

Dear Sir/Madam,

1.   The quotations are hereby invited from vendors/dealers/contractors with varied experience in the field of said work. **The quotations are required as appx att.**

2.   The sealed Bids are required to be addressed to Principal APS Beas and to be deposited before **1000 hrs** on **10 Sep 2024**. The sealed quotations box is available at the main gate of **HQ 55 (I) Mech Bde**.

3.   No cutting on any figures will be accepted. The vendors/firms are at liberty to be present during bid opening for fair & transparent bidding.

4.   **Validity of quotations**. The quotations will be valid for at the least 3 months from date of opening.

5.   **Date & Time for completion of work**. The work is required to be completed within 20 working days from the issue of supply order.

6.   **Force majeure**. The school will not be responsible for any untoward / unforeseen requirements as generated at the vendors end.

7.   **Payments**. The payments will be made by the school within 07 days after inspection of work at APS Beas within stipulated time.

8.   **Demurrage**. Late work scheduled will be charged demurrage @ 5% for delayed time scheduled of the project cost.

9.   **Manufacturing guarantee / warranty**. The contractor firm will be responsible for any defect or maintenance or low quality work / performance / material. If found any during inspection by the authority of school. Adequate charges will be levied from the bills paid by the school. The school deserves the right to cancel / modify the supply order / schedule of work at any stage as per requirement of the school.

10.   Please also mention "**Purchase and Installation of Interactive Panel**" on the top outside of envelope.

Yours faithfully,

(Pankaj Verma)
Bursar

CALL FOR QUOTATIONS: PURCHASE AND INSTALLATION OF INTERACTIVE PANEL FOR 11TH AND 12TH CLASSES BY APS BEAS

Ser No	Description	Qty	Amount
1.	Smart Interactive Panel 75" android 13.0 4/64 with wall mount kit	02	

Display

Screen Size	: 75 inch
Backlight	: DLED
Pixel Pitch	: 0.143 (H) mm×0.430 (V) mm
Resolution	: 3840 × 2160 @60 Hz
Brightness	: 400 cd/m² (Typ.)
Color Depth	: 10 bit
Display Color	: 1.07G
Response Time	: 8ms
Panel Type	: IPS
Contrast Ratio	: 1200:1 (Static) 15,000:1 (Dynamic)
Color Gamut	: 72% NTSC (CIE1931) (Typ.)
Refresh Rate	: 60 Hz
Viewing Angle	: 178°(H)/178°(V)
Aspect Ratio	: 16:9
Surface Haze	: 25% Haze
Display Area	: 1649.66mm × 927.94mm
Working Duration	: 7 × 16H
Surface Hardness	: 9H
Surface Glass	: 3.2 mm Anti-Glare Glass
Transmittance	: 88% ± 3
Lifespan	: 50,000 hours

Touch

Type	: Infrared Touch Screen
Touch Point	: 40-point multi-touch
Touch Response Time	: < 5 ms
Minimum Touch Object	: ≥ 2 mm
Touch Precision	: ± 1 mm (≥ 90% touching area)
Touch Resolution	: 32768 × 32768

Built-in System

Operation System	: Android 13.0
Memory	: 8 GB
Built-in Storage	: 64 GB
CPU	: Cortex-A55 × 4 (1.92GHz)
HDCP Version	: Support 1.4/2.2/2.3
GPU	: Mali-G52 MP2 (2EE)

Internal Function

Loudspeaker	: Built-in 2 × 20 W
Speaker Frequency	: 200-20Khz
Bluetooth	: Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.2
NFC	: Support card reader
Light Sensor	: Yes

Ser No	Description		Qty	Amount
	Interface			
	Video & Audio Input : HDMI In (HDMI 2.0)×2, Audio In×1			
	Video & Audio Output : Audio Out × 1			
	Control Interface : TOUCH-USB 2.0×1, RS232×1, LAN (100 Mbps) × 2, WIFI AP & Station, 2.4G/5G			
	Network Interface : WIFI AP : IEEE 802.11 a/b/g/n/ac 2×2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP WIFI Station : IEEE 802.11 a/b/g/n/ac 1 × 1 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP			
	Data Transmission Interface : USB 3.0 × 3, USB 2.0 × 2, Type-C × 1 (Type-C supports USB 2.0)			
	Power			
	Power Supply : 100 to 240 VAC, 50/60 Hz			
	Standby Consumption: ≤ 0.5 W			
	Max. Consumption : 217 W			
	Average Consumption : 175 W			
	General			
	Product Dimensions : 1713.23 mm × 1025.53 mm × 82.5 mm			
	Package Dimensions (W×H×D) : 1907mm × 1160mm × 223 mm			
	VESA : 800mm×400mm (4×M8-25 mm)			
	Net Weight : 49.15 kg			
	Gross Weight : 63.0 kg			
	Accessary : Wall mount bracket, hook, user manual, stylus × 2, packing list,1.5 m power cable (European standard), remote controller			
	Working Environment			
	Working Temperature : 0 °C to 40 °C (32 °F to 104°F)			
	Working Humidity : 10%~90% RH			
2.	Freight			
3.	Installation			
4.	GST			
5.	Any other Charges if applicable			
6.	**Total**			

Note :-

1. Tenderers shall carefully examine the bid documents and fully inform themselves of all the conditions which may in any way affect the work of the cost thereof.

2. Should a tenderer find discrepancies or omission from the specification or other documents and any doubt as to their money, he should at once notify the purchaser and clarification in writing.

3. Any loss to exiting structure/ construction will be rectifying by vendors by their own expenses.

4. I / we _____ (Name of vendor) stating that I / we have understood all the scope of work as per required by the school during the prior visit as on _____ before quoting our rates.

Signatures : _____

Name & Place/Address of firm with stamp

Mobile No : _____