

DETAILED TENDER NOTICE

1. APS Kaluchak invites tenders from reputed vendors/Agencies/Firms having GST No for the items mentioned as under: -

S No	Details	Specification
(a)	Installation of Smart Interactive Flat Panel Boards for Classrooms (as per specification attached)	Detailed specification as per List att

2. The complete bidding process will be Offline. All the notifications regarding this tender notice will hereafter be published on the school website www.apskaluchak.edu.in (under NOTICE BOARD) Tender documents including details of required technical specification can be seen and downloaded from the school website www.apskaluchak.edu.in. (for further queries please contact mobile No 9086019935 between 0800 hours to 1500 hours)

3. Tender documents can be submitted by registered post at the School's address or could be physically dropped in the Tender Drop Box No 04 (01 box for Technical Bid and 01 box for Commercial Bid) placed at APS Kaluchak Entrance Gate Adjacent to Pari Mahal (Banquet Hall) Jammu, PIN -180010 (J&K) before 25 Dec 2025.

4. Technical Bid & Commercial Bid is required to be submitted in separate sealed envelopes with heading pertaining to the type of bid (i.e. whether technical or commercial to be clearly specified on the top of the envelope with nomenclature of the project/work).

5. The Commercial bids in respect of only those bidders will be considered whose Technical Bid meets the required specifications/criteria. Rates applicable should be valid for a period up to next 75 days from the date of opening of the tender documents.

6. Liquidated Damage (LD) charges @ 0.5% of the total Contract value shall be weekly levied if the work is not completed within the period mentioned in supply order. All rates to be provided including GST.

7. A Demand Draft equivalent to 2% of the value of the quoted cost/amount should also be enclosed as the EMD (refundable) amount along with each Commercial bid.

8. All vendors are requested to make necessary entry in the register which is kept with security staff at Gate No 1 while dropping bids in the tender boxes.

9. Only printed copy of the tech specification provided by the School (in school website) will be accepted duly signed and stamped by the firm/vendor. Any other Tech Specification apart from the one provided by the school in school website will not be accepted.

10. The School Reserves the right to cancel the project at any stage.

11. Vendors will only quote the cost of the project in the commercial bid. Any Tech specification mentioned in commercial bid will be rejected.

12. The cost of bids in commercial bids should include GST or other taxes if any.

13. Bids must include in terms and conditions for the warranty and post warranty period for undertaking of the AMC.

14. Vendor's own specification will not be accepted.

15. Only reputed brands will be accepted. No Chinese/assembled products will be accepted.

**TECHNICAL SPECIFICATION OF INSTALLATION OF SMART INTERACTIVE FLAT PANEL BOARDS
FOR CLASSROOMS**

S No	Details	To be filled by Vendor
	Display	
1	Screen Type	LED with super bright backlit display
2	Screen Size	75inch
3	Backlight Type	DLED
4	Resolution	3840 X 2160, 4K or higher
5	Number of Colors	1.07B(10-bit) or higher
6	Refreshing frequency	60Hz
7	Response Time	< 6ms
8	Glass bonding	ZERO bonding Technology
9	Contrast ratio	15000:1 or higher
10	Brightness	450cd/m2 or higher
11	Viewing Angle	178/178
12	Life	50,000 hrs
	Audio	
13	Audio Amplifier	In-built, TI Based Amplifier 2.1 channel output
14	Audio Speaker	2 X 16W or higher
	Touch System	
15	Sensing Type	Infrared 20 points writing and 40 point touch
16	Touch Response Time	<6ms(typ) or higher
17	Touch Accuracy	0.5mm or higher
18	Surface Protection	Toughened glass Level 7 MOHS Std.
19	Android CPU module	
20	Processor	ARM Octa Core and GPU Mali G52
21	Memory	8GB
22	Flash drive	128GB
23	Network type	Integrated Intel 10/100/1000 Adaption
24	Wi-Fi	Intel IEEE 802.11a/g/n/2.4 and 5.0G
25	Bluetooth	Bluetooth 5.2 or higher
26	Pre-loaded OS	Android 13.0, or higher (Upgradable)
	Connectivity	
27	Camera connectivity	Yes
28	LAN RJ45	1
29	USB 2.0 /3.0/3.1	2/2
30	Mini Display Port	1
31	Mic and earphone port	1
32	VGA Input	1
33	HDMI 1080p Input	3
34	HDMI 4K2K	1
35	Power	
36	Power Requirement	100V-240VAC 50/60HZ
37	Power Consumption	<300W
38	Environmental Conditions	
39	Operating Voltage	90V-300VAC 50/60HZ
40	Operating Temperature	minus 10 to 70 degree
41	operational humidity	10% to 90%
42	OPS	Core i5 – 11 Gen, 256 SSD, 8 GB RAM expandable up to 32 GB, 1 TB HDD expandable upto 6 TB, Windows 10/11 licensed, Inter H510 Comet Lake, Inter® iris® Xe Graphics, WiFi 6, BT 5.0

TECHNICAL BID

To
The Principal
Army Public School
Kaluchak

DATE :-

GST NO _____

QUOTATIONS FOR INSTALLATION OF SMART INTERACTIVE FLAT PANEL BOARDS FOR CLASSROOMS

S No	Details	To be filled by Vendor
	Display	
1	Screen Type	LED with super bright backlit display
2	Screen Size	75inch
3	Backlight Type	DLED
4	Resolution	3840 X 2160, 4K or higher
5	Number of Colors	1.07B(10-bit) or higher
6	Refreshing frequency	60Hz
7	Response Time	< 6ms
8	Glass bonding	ZERO bonding Technology
9	Contrast ratio	15000:1 or higher
10	Brightness	450cd/m2 or higher
11	Viewing Angle	178/178
12	Life	50,000 hrs
	Audio	
13	Audio Amplifier	In-built, TI Based Amplifier 2.1 channel output
14	Audio Speaker	2 X 16W or higher
	Touch System	
15	Sensing Type	Infrared 20 points writing and 40 point touch
16	Touch Response Time	<6ms(typ) or higher
17	Touch Accuracy	0.5mm or higher
18	Surface Protection	Toughened glass Level 7 MOHSStd.
19	Android CPU module	
20	Processor	ARM Octa Core and GPU Mali G52
21	Memory	8GB
22	Flash drive	128GB
23	Network type	Integrated Intel 10/100/1000 Adaption
24	Wi-Fi	Intel IEEE802.11a/g/n2.4 and 5.0G
25	Bluetooth	Bluetooth 5.2 or higher
26	Pre-loaded OS	Android 13.0, or higher (Upgradable)
	Connectivity	
27	Camera connectivity	Yes
28	LAN RJ45	1
29	USB 2.0 /3.0/3.1	2/2
30	Mini Display Port	1
31	Mic and earphone port	1
32	VGA Input	1
33	HDMI 1080p Input	3
34	HDMI 4K2K	1
35	Power	
36	Power Requirement	100V-240VAC50/60HZ
37	Power Consumption	<300W
38	Environmental Conditions	
39	Operating Voltage	90V-300VAC50/60HZ
40	Operating Temperature	minus 10 to 70 degree
41	operational humidity	10% to 90%
42	OPS	Core i5 – 11 Gen, 256 SSD, 8 GB RAM expandable up to 32 GB, 1 TB HDD expandable upto 6 TB, Windows 10/11 licensed, Inter H510 Comet Lake, Inter® iris® Xe Graphics, WiFi 6, BT 5.0

Signature with Stamp

COMMERCIAL BID

To
The Principal
Army Public School
Kaluchak

DATE :-

GST NO _____

**QUOTATIONS FOR INSTALLATION OF SMART INTERACTIVE FLAT PANEL
BOARDS FOR CLASSROOMS**

S No	Items/Project	Qty	Amount
(a)	Installation of Smart Interactive Flat Panel Boards for Classrooms (as per specification att)	07	
Total			
GST			
Total Amount included GST			

Signature with Stamp