DETAILED TENDER NOTICE

1.   APS Kaluchak invites tender from reputed vendors/agencies/firms having GST No for the item mentioned below: -

S.No	Detail	Time Limit in Tender
(a)	Supply & installation of Smart Interactive Flat Panel Boards for Science & EVS Lab (Qty-04)	Detailed specification as per Appx 'A'

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 Boxes (01 for Technical Bid and 01 for Commercial Bid) placed at APS Kaluchak Entrance Gate Adjacent to Pari Mahal (Banquet Hall) Jammu, PIN -180010 (J&K) before **23 May 2024.** Quotation/Bid will be opened on **24 May 2024 at 1100hrs.**

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 Bid 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 alongwith Tech Bid.

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

10.   Only reputed brands (OEM) will be accepted. No Chinese parts will be accepted.

11.   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.

        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. Vendors own specification will not be accepted.

HARDWARE SPECIFICATIONS FOR SMART INTERACTIVE FLAT PANEL BOARD

75" LED PANEL BOARD

Screen Type	LED with super bright back lit display Commercial Grade
Backlight Type	DLED
Glass bonding	ZERO bonding Technology
Resolution	3840 X 2160,4K or better
Number of Colors	1.07 B (10-bit) or better
Refreshing frequency	60 Hz (Standard)
Response Time	< 6 ms
Contrast ratio	15000 : 1or better
Brightness	450 cd/ m2 or more
Viewing Angle	178/178
Life	50,000 hrs or more
Audio Amplifier	In-built, TI amplifier 2 channel output
Audio Speaker	2 X 16 W+ 15 w sub woofer or higher
Sensing Type	Infrared 20 point writing and 40 point touch
Touch Response Time	< 6ms (typ) or better
Touch Accuracy	0.5 mm or better
Surface Protection	Toughened glass Level 7 MOHS Std.
Android Module	Android12.0, Dual core ARM,4GB RAM,64 GB Flash or higher version
Bluetooth	2.1+ EDR/4.2/5.0
Connectivity	LAN,RJ45, USB2.0/3.0/3.1Type C,Mini Display Port, Mic and earphone port,VGA Input,HDMI 1080 p Input, HDMI 4K, 2K,SPDIF optical out
Power Requirement	100 V- 240 VAC 50/60 HZ
Power Consumption	< 600 W
Operating Temperature	minus 10 to 55 degree
Operational humidity	10 % to 90 %
Dimensions L*H*W	1722 X 1032 X 87 mm (More sleek version acceptable)
Windows Module	Core i5/11th generation, 256 GB SSD,8 GB RAM expandable upto 32GB,1TB HDD expandable upto 6TB, Windows10/11 licensed ,Intel H510 Comet Lake, Intel (R) Iris (R) X e Graphics, WiFi 6,BT 5.0