



खडक नगरपालिका
नगर कार्यपालिकाको कार्यालय
कल्याणपुर, सप्तरी

फोन नं. : ०३१-५८००५८

पत्र संख्या: २०८२/०८३

च.नं.

मिति २०८२/०८/०७

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विषय: दररेट उपलब्ध गराईदिने सम्बन्धमा ।

प्रस्तुत विषयमा यस खडक नगरपालिकाको चालु आ.व. २०८२/८३ मा संघीय विशेष अनुदान तर्फ खडक नगरपालिका अन्तर्गतका विद्यालयहरुमा स्मार्ट बोर्ड लगायत प्रविधि मैत्री सामग्री व्यवस्थापनको लागि बजेट स्वीकृत भएको र सोही बमोजिम खरिद प्रकृया अगाडि बढाउन लागत ईष्टिमेट प्रयोजनार्थ तपशिलमा उल्लेखित सरसानहरुको यसै साथ संलग्न स्पेशसिफिकेसन बमोजिम ईच्छुक उत्पादक कम्पनी वा आधिकारिक बिक्रेताले यो सूचना प्रकाशन भएको मितिले १५(पन्ध्र) दिन भित्र यस नगरपालिकामा दररेट उपलब्ध गराई दिनुहुन् अनुरोध छ ।

तपसिल:

SN	ITEMS	Quantity	Rate Nrs exclusive VAT	Remarks
1	SMART BOARD 75" in-built Operating System Android 13.0	1		
2	OPS FOR SMART BOARD I7 11th Gen (8GG/256GB SSD)	1		
3	Smart Board Trolley Stand for 75"	1		

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SCHOOL SMART BORD SPECIFICATION

SN	REQUIREMENTS	SPECIFICATIONS	REMARKS
	Screen Size and Support	75 inch & 4K	
1	Backlight	DLED	
2	Pixel Pitch	0.14325(H) × 0.42975(V) mm	
3	Resolution	3840 × 2160 @ 60 Hz	
4	Brightness	400 cd/m ² (Typ.)	
5	Color Depth	10 bit	
6	Display Color	1.07 G	
7	Response Time	min 5 ms	
8	Panel Type	VA	
9	Contrast Ratio	5000:1 (Static), 30,000:1 (Dynamic)	
10	Color Gamut	72% NTSC (CIE1931) (Typ.)	
11	Refresh Rate	60 Hz	
12	Viewing Angle	178° (H)/178° (V)	
13	Aspect Ratio	16:09	
14	Surface Hardness	9H (Pencil), 7 (Mohs)	
15	Surface Glass	Anti-Glare Glass	
16	Surface Haze	25% Haze	
17	Glass Bonding Method	Zero Lamination	
18	Display Area	1650.24mm x 928.26mm	
19	Working Duration	7 × 16 H	
20	Transmittance	88% ± 3	
21	Lifespan	min 50,000 hours	
22	Touch Type	Infrared Touch Screen	
23	Touch Point	Up to 50-point multi-touch	
24	Touch Response Time	≤ 2 ms	
25	Minimum Touch Object	≥ 1.5 mm (≥ 90% touching area)	
26	Touch Precision	± 0.5 mm (≥ 90% touching area)	
27	Touch Resolution	32767 × 32767	
28	Operation System	Android 13.0	
29	Memory	min 8 GB	
30	Built-In Storage	min 128 GB	
31	Processor	Quad-core Cortex-A76 × 4 (2.4 GHz) and quad-core Cortex-A55 × 4 (1.8 GHz)	
32	GPU	Mali-G610 MC4	
33	HDCP Version	2.3	
34	Camera Pixel	48MP for Photos, 8MP for Video	

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SCHOOL SMART BOARD SPECIFICATION

SN	REQUIREMENTS	SPECIFICATIONS	REMARKS
35	Camera Function	Support intelligent switching between Android system, OPS, and PC	
36	Field Angle	93.4° (diagonal), 84.5° (horizontal), 54.1° (vertical)	
37	Distortion	≤2.5%	
38	Camera Resolution Ratio	Up to 4K	
39	Microphone Specification	Omni-directional 8-array layout	
40	Mic Function	Echo reduction and smart noise-cancellation	
41	Voice Distance	12 m	
42	Sampling Rate	32 K	
43	Mic Sampling Rate	16 bit	
44	Loudspeaker	Built-in 2 × 20 W + 25W loudspeaker	
45	Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.1	
46	NFC	Support screen mirroring by Android phones	
47	Light Sensor	Yes	
48	Image Processing Technology	Support 3D digital noise reduction, face detection, automatic white balance, automatic purple edge removal, automatic defogging, support shadow correction	
49	Audio Processing Technology	Support dereverberation, adaptive noise reduction, adaptive non-stationary noise reduction, adaptive echo cancellation, automatic gain control, automatic electrical level control, sound source localization, speech dynamic detection, digital beam forming, speech detection	
50	Video & Audio Input	HDMI In (HDMI 2.0) × 3, VGA In × 1, DP In (DP 1.2) × 1, Audio In × 1	
51	Video & Audio Output	HDMI Out (HDMI 2.0) × 1, Audio Out × 1, SPDIF Out × 1	

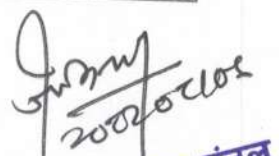
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SN	REQUIREMENTS	SPECIFICATIONS	REMARKS
52	Control Interface	TOUCH-USB 3.0 × 3, RS232 × 1	
53	Network Interface	LAN (1000 Mbps) × 2, WIFI AP & Station, 2.4G/5G, WIFI 6	
54	Data Transmission Interface	USB 3.0 × 4, USB 2.0 × 1, Type-C × 2 (supports USB 2.0, DP 1.2, charging functions; side charging 15 W, front charging 65 W)	
55	Power Supply	100 to 240 VAC, 50/60 Hz	
56	Standby Consumption	≤ 0.5 W	
57	Average Consumption	< 150W	
58	VESA	800 mm × 400 mm (4 × M8-25 mm)	
59	Product Dimensions	1713.2 mm × 1034.5 mm × 82.5 mm	
60	Accessory	Wall mount bracket, hook, user manual, touch writing pen, packing list, 3 M touch USB cable, 3.5M HDMI cable (2.0), power cable, bluetooth remote control	
61	Package Dimensions (W × H × D)	1937 mm × 264 mm × 1222 mm	
62	Net Weight	51.23 kg	
63	Gross Weight	67.62 kg	
64	Working Temperature	0 °C to 40 °C (32 °F to 104°F)	
65	Waranty Period	3 Years	

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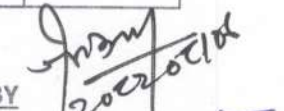
OPS FOR SMART BORD SPECIFICATION

SN	REQUIREMENTS	SPECIFICATIONS	REMARKS
1	Processor	i7 & min11th Gen	
2	Memory	8GB	
3	NIC	Integrated 10/100/1000M Adaption	
4	Platform Architecture	Intel* Tiger Lake	
5	Brightness	400 cd/m ² (Typ.)	
6	Storage	256GB	
7	Cooling System	Single Brass & Single fan	
8	Network Interface	RJ45*1	
9	Data Transmission Interface	USB3.0*6 Type-C*1, Bluetooth 4.0	
10	Video Output	HDMI*1 DP*1	
11	Antena	2	
12	Standby Consumption	0.5W	
13	Inout Voltage	12V-19V	
14	Max. Power Consumption	95W	
15	Product Dimensions	195X30X180mm	
16	Package Dimensions (W × H × D)	Carton with single module 308*80*278mm carton with five module: 420*298*320*mm	
17	Net weight	About 1.22kg	
18	Gross Weight	carton with single module : about 1.36Kg carton with five module: 7.5Kg	
19	Working Temperature	0 degree C to 40 degree C	
20	Working Humanity	10%-90%	
21	Waranty Period	3 Years	

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