

Ref : BUBT-Reg-1940-10-25

Date: 08.10.2025

## Invitation of Tender/Quotation for Interactive Smart Board

Sealed Quotations are hereby invited from the bonafied Importers/Suppliers/Distributors for supply of 02 (two) smart boards of the Bangladesh University of Business and Technology (BUBT) as per specifications mentioned below:

Sl. No.	Specification		Quantity	Unit price	Total price in BDT.
01.	Screen Size	Size: 86" (inch)			
02.	Backlight/Light Source	Direct LED (D-LED)			
03.	Resolution (Pixels)	3840*2160 (4K-UHD)			
04.	Brightness (Typical)	400 cd/m2/nits			
05.	Contrast Ratio (Typical)	4000 :1			
06.	Aspect Ratio	16:9			
07.	Display Orientation	Landscape			
08.	Viewing Angle (Horizontal)	178° (H)x 178° (V)			
09.	Touch Response Time (ms)	<2ms or better			
10.	Minimum Touch Object	>= 1.5 mm			
11.	Backlight Life Time (typ/min)	50,000 hours			
12.	Operation Hour	24/7			
13.	Refreshing Frequency	60 Hz			
14.	Panel Dimension	1895.04*1065*95mm			
15.	Dot Pitch	0.4935*0.4935			
16.	Glass Protector	4mm fully tempered anti-glare explosion proof glass			
17.	Color	1.07B (10 bit)			
18.	Brightness Uniformity	≥ 72%			
<b>Touch System</b>					
19.	Sensing Type	Infrared recognition			
20.	Touch Points	20-point writing & 50-point touch			
21.	Gestures Menu	Support (Menu/Volume/Signal source)			
22.	Induction Object	Fingers, Pen or any opaque objects			
23.	Induction Size	≥3mm			
24.	Installation	Can Disassemble from front			
25.	Response Time	< 2ms			

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26.	Minimum object size	Φ3mm			
27.	Accuracy	2mm			
28.	Supported OS	Windows10,11, Android, Mac, Linux			
29.	Communication Mode	Full-speed USB			
30.	Surface Hardness	Toughened Glass with Level 7 of Mohs Standard			
<b>Built-in PC Module System</b>					
31.	CPU Processor	Intel® Core i7, 13th Gen, Intel® industry-leading CPU performance			
32.	OS	Genuine Windows 11 Professional			
33.	Storage	1 TB M.2 NVMe SSD			
34.	Memory/ RAM	32 GB* DDR4			
35.	Wi-Fi	Integrated WIFI 802.11b/g/n (2.4G and 5G )			
36.	LAN	RJ45x1			
37.	HDMI Output	1			
38.	VGA	1			
39.	USB	USBx6 (2.0x2, 3.0x4)			
40.	Networking	10/100/1000M			
41.	Line Out	1			
42.	Microphone Input	1			
<b>Built-in Android System</b>					
43.	System OS Version	Android 14.0			
44.	CPU Processor	Octa-Core Processor 2.5 GHz			
45.	RAM	16 GB			
46.	ROM	128 GB			
47.	Network	LAN/WIFI 2.4G+5G			
48.	Bluetooth version (BT)	Bluetooth 5.2			
<b>Audio System</b>					
49.	Speaker Type	Built- in Speaker 25W x 2= 50W & 20W sub-woofer (x1)			
50.	Output Power	25W x 2= 50W & 20W sub-woofer (x1)			
<b>Camera</b>					
51.	Camera	48MP AI Camera (external)			



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52.	Microphone	Omni-directional 8-array layout, Range Capacity-Minimum- 5 to 10m.			
<b>Ports &amp; Connectivity</b>					
53.	Front	HDMI*1,USB3.0*3,Touch USB*1			
54.	Input (As standard)	HDMI-IN x3, RGB / VGA x1, Display Port x1, PC Audio x1, RS232 x1, OPS slot x1 VGA*1, AUDIO*1, HDMI*3(front*1), LAN(RJ45) *1,			
55.	Output (As standard)	COAX*1, Earphone*1 HDMI x1, Audio x1, SPDIF x1,			
56.	USB (As standard)	As per the device standard (USB 3.1/3.2)			
57.	Hotspot	Yes			
58.	Wi-Fi	802.11 a/b/g/n/ac embedded (2.4G/5G Dual Module)			
<b>Power Supply</b>					
59.	Power	90-240VAC 50/60Hz			
60.	Power Consumption	≤250W			
61.	Max power consumption	≤400 W			
62.	Standby power	≤0.5W			
<b>Physical Specifications</b>					
63.	Packaging Dimension	2110*1375*200mm/ (As standard)			
64.	Product Dimension	1954*1146*116mm/ (As standard)			
65.	Wall mount VESA	750*400mm/ (As standard)			
66.	Weight (N.W/G.W)	71 kg/82 kg/ (As standard)			
<b>Environmental Conditions</b>					
67.	Working Temperature:	0°C ~ 40°C/ (As standard)			
68.	Storage Temperature:	20°C ~ 60°C/ (As standard)			
69.	Working Humidity	10% ~ 90% RH Non-Condensing/ (As standard)			
70.	Storage Humidity	10% ~ 90% RH Non-Condensing/ (As standard)			
<b>Warranty: 3 Years with after sales service guarantee.</b>					



# Bangladesh University of Business and Technology (BUBT)

## *Committed to Academic Excellence*

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### Terms & Conditions:

1. The price Quotation must be submitted at the BUBT Tender Box or submitted to [procurement@bubt.edu.bd](mailto:procurement@bubt.edu.bd) on or before **October 20, 2025**.
2. Warranty, after sales service period and other facilities must be mentioned in the tender/quotation.
3. The University reserves the right to accept or reject any quotation as it may deem fit.
4. The product must be supplied within 07 (seven) days from the date of issue of work order.
5. Delivery must be made at the BUBT campus by the supplier at his own cost.
6. The quoted price must be inclusive of **VAT and Tax** as per Bangladesh Govt. rules; otherwise, the Quotation shall not be accepted.
7. Payment will be made by A/C payed cheque after successful delivery and obtaining quality report.

S. Ali 08-10-25

(Professor, Dr. A B M Shawkat Ali)

Vice Chancellor, BUBT

### Distribution:

1. Importer/ Supplier
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4. Joint Director of Accounts
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S. Ali  
08.10.25