

Summary Specification	
BIL. SEBUTHARGA/QUOTATION REF.:	<u>UBD/Q/009/2024 (OPEM) - [G]</u>
BIL. TAWARAN/TENDER REF.:	
TARIKH DIKLANKAN :	<u>16 April 2024 [Selasa]</u>
TARIKH TUTUP :	<u>30 April 2024 [Selasa]</u> JAM: 2 Petang
DOCUMENT FEE : B\$ 10.00	

IMPORTANT

The Official PDF quotation/tender form will be send via email once UBD Official receipt issued and send to vendors/supplier for confirmation of payment received.

Mode of Payments > REFER IN UBD WEBSITE

Please take note that the document fee for each of the New and Extended quotations will be BND 10.00 each

Important Note: Please ensure that you provide the correct details when making the payment.

Please email proof of the above payment to helpdesk.epay@ubd.edu.bn , finance@ubd.edu.bn,eprocurement.support@ubd.edu.bn.

TITLE :		<u>TO SUPPLY, DELIVER, INSTALL, AND TEST SMART CLASSROOM SYSTEMS FOR TEACHING AND LEARNING AT UBD CLASSROOMS.</u>
No.	Quantity	SPECIFICATIONS
1	2 units	<p>100" Interactive Smart Boards <u>Specifications: -</u> Android System and Windows <ul style="list-style-type: none"> ● Android 11 and Windows ● 4GB DDR RAM - 64GB ROM Others <ul style="list-style-type: none"> ● 4K Ultra HD Display ● 92° extra Wide Angle camera ● Support Video Conferencing App ● Built-in 8 array microphone ● 0-180° Backup Angle, Intelligent Noise Reduction ● Android 16 point IR touch (5-point writing) ● 20 points infrared touch ● Zero-bonding technology ● 4mm explosion – proof tempered glass, Mohs 7 level ● Effective reduce reflections ● Support Wireless Screen Share ● Bluetooth 5.0 ● Support Wifi 2.4/ 5.8 </p>
2	2 units	<p>4 Channels Power Amplifier <u>Specifications: -</u> <ul style="list-style-type: none"> ● 250W×4 ● Stereo output power Stereo power8Ω: 250W×4 ● Stereo output power Stereo power 4Ω: 400W×4 ● Stereo output power Stereo power 2Ω: 500W×4 ● Frequency Response: 20Hz-20KHz, 3dB@100KHz ● Total harmonic distortion THD+N (20Hz-20KHz): <0.03% - DA MPING Factor: 400 ● Signal to Noise Ratio:>70dB ● Input Sensitivity: 0.775V /1V/1.4V - Protection: "Overheat, short circuits, DC, limit and soft start, Output Relay -Zero Current Switch, Intellectual Clip Limiter" </p>

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3	2 units	<p>Audio Processor <u>Specifications: -</u></p> <ul style="list-style-type: none"> ● Output impedance (balanced connection): 600Ω ● System delay: <3ms - Power supply: AC 220V, 50Hz ● Dimensions (width x depth x height): 482 x 200 x 45mm ● Shipping weight: 3KG ● Can to provide a customized user interface; ● Requires built-in 2x2USB sound card to support recording and remote conferences; ● The processor chip adopts ADI architecture, no less than 40bit DSP floating-point arithmetic engine; ● The number of analog input and output channels is not less than 8*8; ● Input and output quantization shall not be lower than 48KHz/24bit; ● The input channel should have: <ul style="list-style-type: none"> ● No less than 8 bands of PEQ, and no less than five filter types to choose from; - Gain sharing automatic mixing (AMC), ● Automatic gain (AGC); ● Each channel should have no less than 8 points of adaptive feedback suppression (AFC); ● The output channel should have: <ul style="list-style-type: none"> ● No less than 8 band PEQ, frequency divider, delayer, limiter. ● No less than 14 x10 matrix; * No less than 16 groups of presets ● No less than 4 groups of GPIO ● Support input and output channel LINK and grouping function ● The frequency response range is not less than 20~20kHz (±0.5dB); ● THD+N:<-100dB @17dBu ● Input dynamic range: 110dB ● Output dynamic range: 112Db
4	2 units	<p>Mixer <u>Specifications: -</u></p> <ul style="list-style-type: none"> ● PURE MIXER : 7mono+1stereo ● Can be equipped with cabinet iron side panels ● Channel EQ : 3 band ● AUX : 2 ● Reture : 1 ● Effect : 24DSP ● Main Out : 1 Stereo ● Groups : 2 ● Phantom power : 48V DC ● USB player: yes ● Size : 420mm*370mm*100mm ● N.W : 4.5kg ● D-PRE mic preamps with an inverted Darlington circuit ● 1-Knob compressors ● High-grade effects: SPX with 24 programs ● 24-bit/192kHz 2in/2out USB Audio functions ● Works with the iPad (2 or later) through the Apple iPad Camera Connection Kit /Lightning to USB Camera Adapter ● Includes Cubase AI DAW software download version ● PAD switch on mono inputs ● +48V phantom power ● XLR balanced outputs ● Internal universal power supply for world-wide use ● Rack Mount Kit Included ● Metal chassis

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5	2 units	<p>DOCUMENT SCANNER</p> <p><u>Specifications:-</u></p> <ul style="list-style-type: none"> ● Sensor: ≥8 million pixels. ● 2, optical lens: using M12 professional optical glass lens (not mobile phone lens mobile phone plastic lens), the image is clearer, higher stability. ● Automatic: image automatic adjustment can be realized. ● Light source: built-in LED filling light, with touch sensor switch control. ● Support format: shooting format ≥A4. ● Audio: built-in MIC, recording function can be realized. ● Scan format: the picture can be set to JPG, TIF, BMP format. ● Video format: Video format is FLV.- ● Output format: the output signal is MJPG; YUV, etc. ● Interface: The device is USB2.0 output interface
6	2 units	<p>Wireless Screencast</p> <p><u>Specifications:-</u></p> <ul style="list-style-type: none"> ● Power to chromecast directly from the USB port of the TV without having to find an AC outlet near the TV. ● It includes a special power management circuit to improve the maximum power capacityof the USB port by storing the extra power and releasing it according to the need. ● Ideal length, easy to connect chromecast to the USB / HDMI side port of the TV. Universal: compatible with all USB interfaces. An integrated energy storage circuit built into the cable allows chromecast to be used with power from any USB port. ● Compatible with all versions of chromecast (single connector works with chromecast and Google TV or earlier versions of chromecast.

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7	2 units	<p>Smart Classroom Solution</p> <p><u>Specifications: -</u></p> <ul style="list-style-type: none"> ● Video Station x1 ● HDMI input x1 ● HDMI output x2 ● POE port x3 ● WAN port x2 ● SDI x2 ● 48V MIC x2 ● RS232 x1 ● Console x1 ● Mic in x1 ● Line out x1 ● Line in x1 ● 1TB SSD x1 <ul style="list-style-type: none"> ● 13.3 inch capacitive touch screen scratch resistant tempered glass Ceiling Mic x1 ● A professional video conference microphone. ● support wired ceiling microphones, wireless handheld mic, local computer, active speakers, recording host and video conferencing host. ● Remote voice interaction and local recording can be achieved through a simple connection to meet the high quality recording needs of remote education and conferences. EPTZ auto-tracking camera x2 <ul style="list-style-type: none"> ● Intelligent 4K All-In-One Auto Tracking Video Bar Specifications Camera ● Image Sensor: High --quality CMOS sensor, 8.0MP, 16 : 9 ● Viewing Angle 120° (D) /106° (H) /72° (V) Focus F2.0, f=1.89mm ● Video Format HDMI : 4KP30, 1080P60 downward compatibility USB : 4KP30, 1080P60 downward compatibility - Video Compression Format MJPEG、YUY2、H.264、H.265、NV12 <ul style="list-style-type: none"> ● Privacy Cover Automatic privacy cover will close when no image output and open when image is under output. - AI Function Auto Framing, Speaker Tracking