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SUPPLY, DELIVERY AND INSTALLATION OF VARIOUS EQUIPMENT FOR INTERACTIVE DIGITAL CLASSROOM FOR CVSU-BACOOR

ABC: ₱1,300,000.00

Item No.	Quantity	Unit	Item Description	Pictures	Unit Cost	Total Cost
1	1	unit	**Terminal Device:** Intelligent Collaboration Device 86-inch infrared screen **Specifications:** - 86-inch D-LED touch screen - 4K60 resolution - Zero-gap bonding - anti-glare (AG) - Automatically adjusts screen brightness based on light sensing - Optical anti-blue light, - Typical contrast ratio: 1200:1 - Typical brightness: 350 nits - Screen response time: 8ms - Touch accuracy: ±1mm - Immersive HD Intelligent Meetings - 1080p cloud meetings - 4K image sensor - Circulating heat dissipation design - Wi-Fi 6 for Direct Projection - Multiple projection modes for different scenarios - 16 ms ultra-low writing latency - Multiple pen thicknesses in full color - Multi-touch gestures - Handwriting recognition - Full-screen annotation - Remote bidirectional collaboration - Co-authoring - Multi-Window for efficient multitasking - Adjustable window ratio - Enterprise-level E2E security protection - HiBoard as a Welcome Page - with Customizable templates **Inclusions:** - Basic admin and hands-on training - Includes training manuals and certificates - 1 Year Email-, phone- and remote-based Support - Manufacturer's Certificate - Certificate of Distributorship - 1 year warranty for parts & services		775,000.00	775,000.00

2	1	unit	Compatible Rolling Stand for 86 inches Intelligent Collaboration Device		29,000.00	29,000.00
3	1	unit	**Smart Collaboration Endpoint Accessories - OPS Module Requirements** **Specifications:** - Smart OPS - At least i5-10500, DDR4 8GB,128GB SSD - Windows10 IOT Enterprise - SAC,195mm,180mm,30mm, Interface: - Video out: 1 x HDMI 1.4, 1 x DP 1.2. - Audio in: 1 x 3.5mm. - Audio out: 1 x 3.5mm. - USB: 3 x USB Type-A 3.0, 3 x USB Type-A 2.0 - Windows 10 enterprise operate System - 1 year warranty		92,000.00	92,000.00
4	1	unit	- Compatible with Intelligent Collaboration Device **Digital signal processing (Sound System Mixer)** **Specifications:** - *Industrial embedded architecture. Embedded design. Stable and reliable* - USB ans analog interface - Integrated automatic noise suppression technology - 6-way microphone input; software 48V phantom power - 3-channel mono line-in input : 3.5mm interface and terminal double backup - 3-channel mono line-out output; 3.5mm interface and terminal double backup - 6 balanced inputs with 16 EQ segments - Intelligent mixing function Function - Reduce reverberation - With one key debugging Function - Echo cancellation; Echo processing delay ability: 128ms, 256ms, 512ms - Built in no less than two USB interfaces and one network		16,000.00	16,000.00

			interface - Environmental sound field detection; Background noise, STI, C5015. Echo rejection ratio : ＞60dB - Sampling rate : 48K - 1 year warranty		
5	6	pcs	**Ceiling Microphones:** **Specifications:** - Frequency response: 100Hz~18KHz - Sensitivity: -40dB±3 dB (re 0dB=1V/Pa@1kHz) - Pointing characteristics: Ultra-Cardioid ≤135° - Output impedance: 200Ω±30% - Output amplitude: Max 300mV - Maximum withstand sound pressure: 110dB SPL - Dynamic range: 76dB (A) - Signal to noise ratio: 60dB (A) (re 94dBSPL=1Pa@1KHz) - Power Supply: DC48V - Output connector: XLR-3-12C - 1 year warranty		6,000.00	36,000.00
6	2	pcs	Sound Box **Specifications:** - Loudspeaker: 4.5″ (4Ω) Sub - Box sensitivity:(1m@2V) 87Db - Frequency Response: 80Hz~18KHz - Rated power: 30W - output power: L:15W R:15W - Total harmonic distortion: L:0.25% R:0.25% - Input sensitivity: 700mV - Signal to noise ratio: 74dB （power：1W/4Ω) - Input interface: red (+), black (-) - Speaker weight: (Two) 5.8kg max - 1 year warranty		6,500.00	13,000.00
7	2	sets	**Digital Board 86-inch** (2,200 mm x 350 mm x 200mm) **Specifications:** - Touch resolution: 32768*32768/4096*4096 - Accuracy: ≤2mm - Interface: Support USB2.0/USB3.0 - Waterproof / dustproof: ≥IP55 - Work temperature: -10℃~45℃ - Work humidity: 0%-90% - Work voltage DC: 4.6V-DC 5V - Power consumption: <1W (200mA at 5V) - Gesture response: Eraser or		48,000.00	96,000.00

			cloth clean the board surface, digital mark also can be cleaned - Display delay: Digital board writing display on the IFPD ≤120ms - File save: Support digital board writing local save and share via QR code - Hotkey icons: Must have preview, page up, page down, red, white, yellow pens, save, vote, screen clean functions. - Interactivity: Digital board and IFPD support; support interactive work; can display on the IFPD - Writing mode: Software support single board writing display on the full screen; dual boards display on the same screen; can save the writing contents as original display ratio. - 1 year warranty		
8	200	pcs	Acoustic Panels **Specifications:** - Single foam panel - Dimension: 30cm (l) x 30 (w) x 5cm (thickness) - Color: Black - Can be used to absorb unwanted noise dampening, providing moderate sound absorption - Great for studios, recording studios, control rooms, home entertainment rooms, home theaters, office and more - With installation - 1 year warranty	450.00	90,000.00
9	1	unit	55-inch LED Monitor **Specifications:** SPECIAL FEATURES - Smart TV: Yes - Operating System & Version: Android 10.0 - CPU: Quad Core - GPU: Mali-G52 - Internal Memory: 8GB - RAM: 2GB - Voice Search: Yes - Google Assistant: Yes - Wireless Display - Bluetooth: 5.0 (Input & Output) - Time Shift: Yes - Wifi Connectivity: 2.4G+5G - USB Media File Playback: Photo, Video, Music, Text (HEVC) - Open Browser: Yes	45,000.00	45,000.00

			VIDEO - Backlight Type: Direct Led - Panel Type: IPS - Display Resolution: UHD 3840 x 2160 - Viewing Angle: 178 Degree - Refresh frequency: 50/60Hz AUDIO - Speaker Type: Down Firing - Surround: Yes - Equalizer: Yes - DTS Studio Sound: Yes - Dolby Digital (Decoder): Yes - Dolby Digital plus (Decoder): Yes - Audio Power Output (L+R) (rms): 10w + 10w DESIGN - Finish: Glossy - Color: Black - Stand Base: Metal - Bezel Type: Borderless Design TERMINALS - USB Ports: 2(2.0) - HDMI Ports: 3(2.0) - Ethernet: 1 - RF In: Cable & Air - AV In: 1(3.5mm) - Digital Output: 1(Optical) POWER - Working Voltage: 100-240v/ 50-60Hz - Rated Power Consumption: 200W - 1 year warranty			
10	2	units	Student and Teachers Camera (4K Classroom Auto Tracking Camera) **Specifications:** - 4K Classroom Auto Tracking Camera - Sensor: 1/2.8 inches, CMOS - Effective Pixels: 8.46 Megapixels - Scanning Module: Progressive - Type of Lens Mount: M12 - Focal length: f=2.8mm, - Horizontal FOV: 95°, - Minimum illumination: 0.5 Lux @ (F1.8, AGC ON) - Shutter Speed: 1/30s ~ 1/10000s - White Balance: Auto, Indoor,		45,000.00	90,000.00

			Outdoor, One Push, Manual, VAR - Digital Noise Reduction: 2D, 3D - PoE: Support - HD Output: 1x 3G-SDI: BNC, 800mVp-p, 75Ω, as per SMPTE 424M standard, PoC supported - Network Interface: 1x RJ45: 10M/100M adaptive Ethernet PoE support - USB Interface: 1x USB2.0: A type socket, - Audio Interface: 1x LINE IN: 3-core phoenix interface - Control Interface: 1x RS485: 2-core phoenix interface, Max. distance 1200m, VISCA/Pelco-D/Pelco-P protocols NETWORK FEATURES) - Video Compression: H.264 / MJPEG - Video Stream: First Stream, Second Stream - 1 year warranty			

11	1	unit	Uninterruptible power supply (UPS)
			
			Specifications:
			- Capacity: 1000VA/600W
			- Nominal Input Voltage: 220/230/240V
			- Operating Voltage Range: 140-300V
			- Operating Frequency Range: 50/60Hz +/- 10%
			- Output Voltage Range:
			  • Battery Mode: 220/230/240, Simulated Sine Wave at Nominal Voltage +/- 10%,
			  • Utility Mode: 220/230/240V, Sine Wave at Nominal Voltage +/- 10%,
			- Frequency Range:
			  • Battery Mode: 50 or 60Hz +/- 1Hz, Utility Mode: 50/60Hz +/- 10% (auto-sense),
			- Transfer Time: Typical 2 to 6ms.
			- Output Socket: 4 x Universal Type (Surge Protected & Battery Back-up)
			- Battery Type: Maintenance-Free, Sealed Lead Acid, Leak Proof
			- Typical Recharge Time: 4 to 6 Hours up to 90% capacity, Back-up Time: At least 15 minutes
					15,000.00	15,000.00

			- Protection: Discharge, Overcharge, Overload & Surge Protect, - with Alarm: Battery Mode: Sounding every 10 seconds, Low Battery: Sounding every second, Overload: Sounding every 0.5 Second - 1 year warranty			
12	2	pcs	Wall Mount Bracket of Box Camera **Specifications:** - Variable angle camera mount - Compatible with Box Cameras and Auto-Tracking Camera - Color: White		1,500.00	3,000.00
			TOTAL			1,300,000.00