



# PURCHASE ORDER

**DELIVERY DUE DATE:** 5/14/24

Procurement Unit  
Tel. No.: 045-606-8142/ 606-8157

Supplier : **AVLS ALL VISUAL & LIGHTS SYSTEMS CORPORATION**  
Address : **54-A Westpoint St., Cubao Quezon City**  
Type of Business : **Wholesaling**  
TIN No. : **230-333-819-000 VAT Reg.**  
Tel. No. : **0917-502-8687**

PR No.: **2023-05-221**  
PO No.: **2023-616**  
Date: **11/28/2023**  
Mode of Procurement: **Public bidding**

Gentlemen:

Please furnish this office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **TARLAC STATE UNIVERSITY** Delivery Term: **120 Calendar days**  
Date of Delivery: Payment Term: **N/30**

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
1	unit	<b>LOT NO. 1 - SMART CLASSROOM SYSTEM</b> <b>Smart Collaboration Board</b> , HUAWEI IdeaHub Board 2; Device x 1; Stylus pens x 2; PET pen tip/anti-skid pen body/magnetic attachment; Cable: Power cable x 1; OP: Optional (15/17); Rolling stand: Optional (support interface complies with the VESA standard); Wall mounted bracket: Optional (support interface complies with the VESA standard); IdeaHub Controller: Optional; Screen Resolution: 4K UHD (3840 x 2160); Viewing Angle: 178°; Glass Hardness: 2 7H; Screen Lamination: Zero-gap bonding; Color Depth: 10-bit (8-bit + FRC); Backlight Type: D-LED; Number of Touch Points: 20; Screen Refresh Rate: 60 Hz; Aspect Ratio: 16:9; Eye Protection: Optical Anti-Blue Light, Anti-glare, Adaptive Brightness, TÜV Rheinland Low Blue Light (Hardware Solution) Certification, TÜV Rheinland Eye Comfort Certification, Writing Latency: 25 ms; Precision: ±1mm; Whiteboard Saving Mode: QR code scanning/Email/Local disk/USB flash drive; Intelligent Writing: Projection Mode: IdeaShare App, IdeaShare Key; Projection through the drop-down menu: HDMI, Type-C wired projection; Mobile phone operating systems that support manual projection: EMUI 10.1.0 or later, Magic UI 3.1 or later; Wireless Projection Performance: Up to 4K30; Wired Projection Performance: 4K60; Supported OS: Android / Windows / iOS / macOS; System: CPU: 4-core, RAM: 4 GB; Flash: 32 GB; OS: Android 9.0/Windows 10	14	391,318.40	5,478,457.60
2	set	<b>Digital Board</b> , IBOARD IB-93B275WNS	14	129,024.00	1,806,336.00
3	unit	<b>Student Camera</b> , ROCWARE RC03 6060697 ACC3217; Type: Network Conference System, Video Conference System; Function: Translation; Sensor: 1/2.5", CMOS, maximum pixel 8.51 million; Lens 1: Focal: f=7.2mm, FOV: 42°; Lens 3: Focal: f=2.8mm, FOV: 95°; Auto focus: Teacher Camera Support; Digital zoom: 8X; Digital noise reduction: 2D & 3D digital noise reduction; POE: support; Interface: 1x3G-SDI, 1xRJ45, 1xUSB 2.0, 1 x Line In, 1xRS485, DC005 (DC12V); Size: 72mm x60mm x 130mm; Weight: 0.45Kg	14	35,705.60	499,878.40
<i>Sub-total:</i>					<b>7,784,672.00</b>

Warranty shall be for a period minimum of Three (3) months for expendable supplies, or a minimum period of one (1) Year for non-expendable supplies. In case of failure to make full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed

Very truly yours,

*[Signature]*  
**DR. GRACE N. ROSETE**  
Vice President for Administration  
Authorized Official

Conforme:

*[Signature]* **BERNARDO J. CANO** 12/31/23

**AVLS ALL VISUAL & LIGHTS SYSTEMS CORPORATION**

(Signature over printed name & date)

Bank Account Name: AVLS ALL VISUAL & LIGHTS SYSTEMS CORPORATION  
Bank Account Number: 461-1263-80  
Bank Name: LANDOBANK  
Bank Address: KATIPUNAN, QUEZON CITY



Funds Available:

*[Signature]*  
**JASPER A. YAUDER, CPA**  
Budget Officer

ALOBS No.: **06-12101-2023-11-0004**  
Amount: **₱10,039,410**



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Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
		<b>Balance Forwarded:</b>			<b>7,784,672.00</b>
4	unit	<b>Teacher Camera, ROCWARE RC03 6060698 ACC3217; Type: Network Conference System, Video Conference System; Function: Translation; Sensor: 1/2.5", CMOS, maximum pixel 8.51 million; Lens 1: Focal: f=7.2mm, FOV: 42°; Lens 3: Focal: f=2.8mm, FOV: 95; Auto focus: Teacher Camera Support; Digital zoom: 8X; Digital noise reduction: 2D &amp; 3D digital noise reduction; POE: support; Interface: 1x3G-SDI, 1xRJ45, 1xUSB 2.0, 1 x Line In, 1xRS485, DC005 (DC12V); Size: 72mm x60mm x 130mm; Weight: 0.45Kg</b>	14	35,705.60	499,878.40
5	set	<b>1-Unit Digital Sound Processor, INFOBIT ISPEAKER CM710-HUB; Daisy-chaining Digital Ceiling Microphone Array; Digital array microphone, 8 meters long- distance voice pickup; Innovative daisy-chaining, supporting up to 4 units cascaded; Type-C interface, plug and play; PoE interfaces, support long-distance power supply and data transmission; Intelligent noise reduction, echo cancellation, reverberation suppression and full duplex communication; Intelligent voice tracking provides adaptability to different sound environments; Available for ceiling mounting, wall mounting and desktop use; Made of aluminum alloy, exquisite and durable design Color: Milky Blue (10 mics per set)</b>	14	59,136.00	827,904.00
6	unit	<b>Teacher Monitor, HUAWEI Vision S 55; 4K UHD Smart TV; Harmony OS; 16:9 Aspect Ratio; Auto Film Mode; HDR 10; Refresh Rate 120Hz; 13MP Magnetic Camera;</b>	14	52,864.00	740,096.00
7	Unit	<b>Access Point/Router, TP-LINK AX7800; Standards Wi-Fi 6: IEEE 802.11ax/ac/n/a 5 GHz; IEEE 802.11ax/n/b/g 2.4 GHz; WiFi Speeds: AX7800: 5 GHz-1: 4804 Mbps (802.11ax, HE160); 5 GHz-2: 2402 Mbps (802.11ax); 2.4 GHz: 574 Mbps (802.11ax); Processor: 1.7 GHz Quad-Core CPU; Ethernet Ports: 1x 2.5 Gbps WAN/LAN Port; 1x 1 Gbps WAN/LAN Port; 3x 1 Gbps LAN Ports; USB Support: 1x USB 3.0 Port; 1x USB 2.0 Port</b>	14	28,425.60	397,958.40
<i>Sub-total:</i>					<b>10,250,508.80</b>

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Very truly yours,

**DR. GRACE N. ROSETE**  
Vice President for Administration

Authorized Official

Conforme:

**BERNARDO J. CANO**

**AVLS ALL VISUAL & LIGHTS SYSTEMS CORPORATION**

(Signature over printed name & date)

Bank Account Name: **AVLS ALL VISUAL & LIGHTS SYSTEMS CORPORATION**

Bank Account Number: **1461-1263-80**

Bank Name: **LANDBANK**

Bank Address: **KATI PUNAN, QUEZON CITY**

Funds Available:

**JASPER A. YAUDER, CPA**

Budget Officer

ALOBS No. : **06-10201-2023-11-0004**

Amount : **₱10,250,508.80**



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Date of Delivery: \_\_\_\_\_ Payment Term: **N/30**

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<b>Balance Forwarded:</b>					<b>10,250,508.80</b>
8	unit	<b>PoE Switch, TP-LINK TL-SC1008MP</b>	14	6,865.60	96,118.40
9	unit	<b>Uninterrupted Power Supply (UPS), KSTAR UPS 1000VA-600W; line interactive switching; Available capacity: 600w; input power: 190~240Va (50~60hz); output power: 220~230Va (50~60hz); 2 x 12v7ah battery; Backup time: 1~5min</b>	14	4,872.00	68,208.00
10	unit	<b>Data Cabinet, TOTEN 9RU Rack; Rack / Cabinet-9U, 19" (W600 x D600mm); 2 x 4-inch Fan (Low Noise) on Vented Top; Flush Panel; 2 x Side Door with Cam Lock; Front Door - Tempered Glass with Cam Lock; 4 x Panel Mount with Unit Indication; 1 x Integrated Wall Mounting Panel; 1 x Power Distribution Unit (6 Way PDU); 1 Packet of M6 Cage Nuts Assembly; Finish with Epoxy Powder Coating</b>	14	16,217.60	227,046.40
11	pc	<b>Acoustic Panel, Acoustic Sound proofing foam wall; 12" x 12" (12pcs/set)</b>  <i>Scope of Work including Installation and Configuration</i> <b>1. Mounting of Smart Collaboration Board, Digital Board, Student and Teacher Camera, ceiling microphone, speakers, data cabinet, and Teacher monitor</b> <b>2. Cable laying of microphone, speakers, HDMI, UTP cable, and other accessories connection</b> <b>3. Configuration of DSP, Student and Teacher camera, Refocus Student and Teacher camera, Smart Collaboration Board and Digital Board</b> <b>4. Testing and fine-tuning</b> <b>5. Admin. and user training including trouble shooting</b> <b>6. All accessories are compatible with the Smart Collaboration Board</b> <b>7. Installation of acoustic panel</b> <b>Technical Support Service and Product Warranty for one (1) year</b> <b>*Warranty for all components and workmanship of the project; Warranty on all parts and labor by authorized technical support; Hardware replacement of the product in case On-Site Repair is not successful; With Email-Based Support; With Phone-Based Support; With Remote-Based Support; On Site-Based Support, if necessary, shall be provided on the next business day</b>  ***** <b>Purpose: Supply, Delivery, Installation and Configuration of Equipment for TSU Smart Classrooms</b>	600	436.80	262,080.00
					<b>10,903,961.60</b>

(Total Amount in Words) Ten Million Nine Hundred Three Thousand Nine Hundred Sixty-One Pesos and Sixty Centavos

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Conforme:

*[Signature]* 12/31/23  
**BERNARDO J. CANO**

*[Signature]*  
**DR. GRACE N. ROSETE**  
Vice President for Administration  
Authorized Official

**AVLS ALL VISUAL & LIGHTS SYSTEMS CORPORATION**

(Signature over printed name & date)

Bank Account Name: **AVLS ALL VISUAL & LIGHTS SYSTEMS CORPORATION**  
Bank Account Number: **1401-1263-80**  
Bank Name: **LANDBANK**  
Bank Address: **KATIPUNAN, QUEZON CITY**



Funds Available:

*[Signature]*  
**JASPER A. YAUDER, CPA**  
Budget Officer

ALOBS No.: **01-102101-2023-11-0004**  
Amount: **₱10,903,961.60**