

Republic of the Philippines  
**University of the Philippines Mindanao**  
Mintal, Tugbok District, Davao City

Date: 30 June 2022

**BID BULLETIN NO. 01**  
**Rebidding for the Supply of Equipment**  
**(UPS, CCTV & Biometrics, Camera, Vault)**  
**for the ALAM-LSI Project (PBM 2022-11)**

This Bid Bulletin is issued for the revisions in the TECHNICAL SPECIFICATIONS.  
**Please use the attached Revised Technical Specifications and the Price Schedules.**

For guidance of all concerned.

  
**PROF. CLETO L. NAÑOLA JR.**

Chair, Bids and Awards Committee for Goods

Received by the bidder:

\_\_\_\_\_  
Signature over printed name/date received

# Technical Specifications

Item	Specification	Statement of Compliance
	<p><b>General terms for all lots</b></p> <p>For Equipment:</p> <p>1) The equipment must come from a credible manufacturer with support through a distributor in the country; and</p> <p>2) The equipment must be brand new and unused.</p>	<p><i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data, as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder’s statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p>

Item	Specification	Statement of Compliance
	<p><b>LOT 1: High End Uninterruptible Power Supply (UPS) ABC: Php 500,000.00</b></p> <p>Delivery period: <b>Thirty (30) to ninety (90) calendar days</b></p> <p>Delivery and Installation: <b>CARIM Bldg., UP Mindanao Mintal, Tugbok District, Davao City</b></p>	
	<p><b>Technical Specifications:</b></p> <ul style="list-style-type: none"> <li>● Mount: Rack</li> <li>● Phase: Single Phase</li> <li>● Topology: Double conversion online</li> <li>● Bypass: Built-in static bypass, Internal bypass (automatic and manual)</li> <li>● Backup time: At least 10 minutes at full load</li> <li>● Optional external bypass</li> <li>● Smart-UPS at least 10KVA</li> <li>● Preferably inclusive of delivery, installation, materials, labor costs, and all charges</li> <li>● With at least 1 year warranty</li> </ul>	
<p><b>NOTE: PLEASE INCLUDE BROCHURE OF EQUIPMENT/ITEM, WITH ITS MAKE/MODEL/UNIT NUMBER AND SPECIFICATIONS. IF POSSIBLE, INCLUDE PERFORMANCE METRICS/REVIEWS.</b></p>		

<b>LOT 2: SECURITY SYSTEM (CCTV, BIOMETRIC LOCKS, ETC.)</b>	
<b>ABC: Php 350,000.00</b>	
Delivery period: <b>Thirty (30) to ninety (90) calendar days</b>	
Delivery and Installation: <b>CARIM Bldg., UP Mindanao Mintal, Tugbok District, Davao City</b>	
<b>1.) SECURITY SYSTEM (CCTV, BIOMETRIC LOCKS, ETC.)</b>	
<b>Technical Specifications:</b>	
<ul style="list-style-type: none"> <li>● <b>One (1) Unit Network Video Recorder 16ch (NVR)</b> <ul style="list-style-type: none"> <li>❖ Audio/Video Inputs/Outputs: 16 ch up to 8 MP Resolution</li> <li>❖ Recording Resolutions: 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, UXGA, 720p, VGA</li> <li>❖ Synchronous Playback: 16-Channel</li> <li>❖ Capability: 1-Channel at 8 MP, 4-Channel at 1080p</li> <li>❖ Bandwidth: Incoming: 160 Mb/s Outgoing: 80 Mb/s</li> <li>❖ Protocols: TCP/IP, DHCP, Hik-Connect</li> <li>❖ Network Interface: 1 x RJ45 1000M Self-Adaptive Ethernet</li> <li>❖ USB Interface: 2 x USB 2.0</li> </ul> </li> <li>● <b>One (1) Unit POE Gigabit Switch 16 port</b></li> <li>● <b>Ten (10) Units IP Vandal Dome Indoor Cameras</b> <ul style="list-style-type: none"> <li>❖ At least 90° viewing angle</li> <li>❖ Monochrome Resolution TVL: at least 2 MP</li> <li>❖ Mount Type: Wall, In-ceiling mount</li> <li>❖ Support video Compression: H.264, MPEG4, MJPEG</li> <li>❖ Network Properties: Interface: 1 RJ45 10M / 100M ethernet port and 1 RS-485 interface</li> <li>❖ Network Protocols: TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE</li> <li>❖ Image Frame Rate: 30 fps / 25 fps</li> </ul> </li> <li>● <b>Six (6) Units IP Bullet Outdoor Cameras</b> <ul style="list-style-type: none"> <li>❖ At least 90° viewing angle</li> <li>❖ Sensor at least 2 MP 1/2.5" CMOS Focal Length: 2.8mm</li> <li>❖ Supported Video Compression: H.264, H.264+, H.265, H.265+, MJPEG Multi-View</li> <li>❖ Analytics: Motion Detection Line Crossing Detection</li> <li>❖ Intrusion Detection Exception Detection</li> <li>❖ IP Rating: IP67</li> </ul> </li> <li>● <b>RJ 45 Connectors, UTP Cable CAT 6, Cables, and Related Wiring/Conduit Materials, Assemblies, and Equipment</b> <ul style="list-style-type: none"> <li>❖ Intrusion Detection Exception Detection</li> </ul> </li> </ul>	
<b>Inclusion: With at least 1 year warranty</b>	
<b>2.) BIOMETRIC SYSTEM ATTENDANCE AND MAGNETIC DOOR LOCK</b>	
<b>Inclusions</b>	
<ul style="list-style-type: none"> <li>● <b>BIOMETRIC SYSTEM ATTENDANCE (TCP/IP)</b> <ul style="list-style-type: none"> <li>❖ Fingerprint Capacity 3,000</li> <li>❖ Card Capacity 10,000 (Optional)</li> <li>❖ Logs Capacity 100,000</li> <li>❖ Communication TCP/IP, USB-Host, Wi-Fi (Optional)</li> </ul> </li> </ul>	

	<b>Standard Functions</b>	
	❖ Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User	
	❖ Query, Work Code, T9 Input, 9 Digit User	
	❖ ID, DST, Scheduled bell,SMS,RS232 Printer	
	❖ AC module 1:Exit Button, Door Lock, Alarm,12V OUT,AUX IN	
	❖ With ID Card, IC Card POE, 3G/4G, Battery Module, ADMS	
	❖ AC module 2: Exit Button, Door Lock, Alarm,12V OUT, AUX IN, Door Sensor, RS485	
	❖ Wiegand IN/OUT.	
	<b>MAGNETIC DOOR LOCK</b>	
	<b>Inclusions</b>	
	❖ <b>IC Card at least 30 IC cards</b>	
	❖ <b>3 Magnetic Door Locks</b>	
	- 1 IC card for lock 1	
	- 3 IC cards for lock 2	
	- 30 IC cards for lock 3	
	❖ <b>Exit switch</b>	
	❖ <b>Power supply</b>	
	❖ <b>With at least 1 year warranty</b>	
<b>NOTE: PLEASE INCLUDE BROCHURE OF EQUIPMENT/ITEM, WITH ITS MAKE/MODEL/UNIT NUMBER AND SPECIFICATIONS. IF POSSIBLE, INCLUDE PERFORMANCE METRICS/REVIEWS.</b>		
<b>LOT 3: Digital Camera with Accessories</b>		<b>ABC: Php 150,000.00</b>
Delivery period: <b>Thirty (30) to sixty (60) calendar days</b>		
Delivery and Installation: <b>CARIM Bldg., UP Mindanao Mintal, Tugbok District, Davao City</b>		
	<b>Technical Specifications:</b>	
	● Type: Digital Single-lens Reflex (DSLR)	
	● Sensor: Full frame	
	● Lens Kit: 18-55mm f/4-5.6 with Lens Stabilization	
	● Wide-angle Lens: 10-18mm f/4.5-5.6 or better	
	● Macro Lens: 100mm f/2.8 with Lens Stabilization	
	● Photo: at least 24.1 megapixel or higher	
	● Video: 1080p resolution or higher	
	● Continuous Shooting: at least 5 fps	
	● ISO range: 100 - 25600 or higher	
	● Display: inbuilt liquid crystal display (LCD) touchscreen	
	● Storage: SD, SDHC, SDXC (UHS Speed Class 1 compatible)	
	<b>Inclusions:</b>	
	● Inbuilt camera flash	
	● Battery and battery charger (w/ extra battery)	
	● Inbuilt WiFi & Bluetooth (preferably with NFC Connectivity)	
	● Storage: at least 2 x 64Gb or 1 x 128 Gb micro SDXC	
	● Camera Strap, camera bag, tripod, remote control	
	With at least 1 year warranty	
<b>NOTE: PLEASE INCLUDE BROCHURE OF EQUIPMENT/ITEM, WITH ITS MAKE/MODEL/UNIT NUMBER AND</b>		

<b>SPECIFICATIONS. IF POSSIBLE, INCLUDE PERFORMANCE METRICS/REVIEWS.</b>	
<b>LOT 4: Secure Vault System    ABC: Php 100,000.00</b>	
Delivery period: <b>Thirty (30) to sixty (60) calendar days</b>	
Delivery and Installation: <b>CARIM Bldg., UP Mindanao Mintal, Tugbok District, Davao City</b>	
	<b>Technical Specifications:</b>
	<ul style="list-style-type: none"> <li>● <b>Exterior:</b> Galvanized steel walls and door; Concealed hinges and recessed door type; Stainless steel handle with emergency release; Watertight Fire resistant Pre-Drilled Mounting Holes &amp; Hardware</li> </ul>
	<ul style="list-style-type: none"> <li>● Preferably with humidity and temperature sensor</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>Finish:</b> Durable and scratch-resistant powder-coated interior and exterior finish; With air vents and insulation panels</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>Size:</b> Can fit at least A3-size documents</li> <li>● <b>Interior dimension:</b> at least 40 cm depth, 80 cm height, and 30 cm width</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>Secure locking mechanism:</b> Key lock mechanism, Programmable digital lock Override access keys Motorized locking door bolts; Fail-safe lock/unlock during power outage</li> </ul>
	<b>With at least 1 year warranty</b>
<b>NOTE: PLEASE INCLUDE BROCHURE OF EQUIPMENT/ITEM, WITH ITS MAKE/MODEL/UNIT NUMBER AND SPECIFICATIONS. IF POSSIBLE, INCLUDE PERFORMANCE METRICS/REVIEWS.</b>	

**Price Schedule for Goods Offered from Within the Philippines**  
*[shall be submitted with the Bid if bidder is offering goods from within the Philippines]*

**For Goods Offered from Within the Philippines**

Name of Bidder \_\_\_\_\_ Project ID No. \_\_\_\_\_ Page \_\_\_\_ of \_\_\_\_

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit  (col 5+6+7+8)	Total Price delivered Final Destination  (col 9) x (col 4)
	<b>LOT 1: High-end UPS</b>								
	<b>Technical Specifications:</b> <ul style="list-style-type: none"> <li>• Mount: Rack</li> <li>• Phase: Single Phase</li> <li>• Topology: Double conversion online</li> <li>• Bypass: Built-in static bypass, Internal bypass (automatic and manual)</li> <li>• Backup time: At least 10 minutes at full load</li> <li>• Optional external bypass</li> <li>• Smart-UPS at least 10KVA</li> <li>• Preferably inclusive of delivery, installation, materials, labor costs, and all charges</li> <li>• With at least 1 year warranty</li> <li>• <b>NOTE: PLEASE INCLUDE BROCHURE OF EQUIPMENT/ITEM, WITH ITS MAKE/MODEL/UNIT</b></li> </ul>		1						

	NUMBER AND SPECIFICATIONS. IF POSSIBLE, INCLUDE PERFORMANCE METRICS/REVIEWS.								
	<b>LOT 2: Security System (CCTV, biometric locks, etc.)</b>								
1	<p><b>CCTV KIT (Internet Protocol (IP) Cameras)</b>  <b>Inclusions:</b></p> <p>*One (1) Unit Network Video Recorder 16ch (NVR)</p> <ul style="list-style-type: none"> <li>● Audio/Video Inputs/Outputs: 16 ch up to 8 MP Resolution</li> <li>● Recording Resolutions: 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, UXGA, 720p, VGA</li> <li>● Synchronous Playback: 16-Channel</li> <li>● Capability: 1-Channel at 8 MP, 4-Channel at 1080p</li> <li>● Bandwidth: Incoming: 160 Mb/s Outgoing: 80 Mb/s</li> <li>● Protocols: TCP/IP, DHCP, Hik-Connect</li> <li>● Network Interface: 1 x RJ45 1000M Self-Adaptive Ethernet</li> <li>● USB Interface: 2 x USB 2.0</li> </ul> <p>*One (1) Unit POE Gigabit Switch 16 port</p> <p>*Ten (10) Units IP Vandal Dome Indoor Cameras</p> <ul style="list-style-type: none"> <li>● At least 90° viewing angle</li> <li>● Monochrome Resolution TVL: at least 2 MP</li> <li>● Mount Type: Wall, In-ceiling mount</li> <li>● Support video Compression: H.264, MPEG4, MJPEG</li> <li>● Network Properties: Interface: 1 RJ45 10M / 100M ethernet port and 1 RS-485 interface</li> <li>● Network Protocols: TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE</li> <li>● Image Frame Rate: 30 fps / 25 fps</li> </ul> <p>*Six (6) Units IP Bullet Outdoor Cameras</p> <ul style="list-style-type: none"> <li>● At least 90° viewing angle</li> <li>● Sensor at least 2 MP 1/2.5" CMOS Focal Length: 2.8mm</li> <li>● Supported Video Compression: H.264, H.264+, H.265, H.265+, MJPEG Multi-View</li> <li>● Analytics: Motion Detection Line Crossing Detection</li> <li>● Intrusion Detection Exception Detection</li> <li>● IP Rating: IP67</li> </ul> <p>*RJ 45 Connectors, UTP Cable CAT 6, Cables, and Related Wiring/Conduit Materials, Assemblies, and Equipment</p> <p>* With at least 1 year warranty</p>	1							

	<p><b>BIOMETRIC SYSTEM ATTENDANCE AND MAGNETIC DOOR LOCK</b>  <b>Inclusions:</b></p> <p>BIOMETRIC SYSTEM ATTENDANCE (TCP/IP)</p> <ul style="list-style-type: none"> <li>● Fingerprint Capacity 3,000</li> <li>● Card Capacity 10,000 (Optional)</li> <li>● Logs Capacity 100,000</li> <li>● Communication TCP/IP, USB-Host, Wi-Fi (Optional)</li> </ul> <p>Standard Functions</p> <ul style="list-style-type: none"> <li>● Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User</li> <li>● ID, DST, Scheduled bell, SMS, RS232 Printer</li> <li>● AC module 1: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, With ID Card, IC Card POE, 3G/4G, Battery Module, ADMS</li> <li>● AC module 2: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485</li> <li>● Wiegand IN/OUT.</li> </ul> <p><b>MAGNETIC DOOR LOCK</b>  <b>Inclusions:</b></p> <ul style="list-style-type: none"> <li>❖ IC Card at least 30 IC cards</li> <li>❖ 3 Magnetic Door Locks <ul style="list-style-type: none"> <li>- 1 IC card for lock 1</li> <li>- 3 IC cards for lock 2</li> <li>- 30 IC cards for lock 3</li> </ul> </li> <li>❖ Exit switch</li> <li>❖ Power supply</li> <li>❖ With at least 1 year warranty</li> <li>● <b>NOTE: PLEASE INCLUDE BROCHURE OF EQUIPMENT/ITEM, WITH ITS MAKE/MODEL/UNIT NUMBER AND SPECIFICATIONS. IF POSSIBLE, INCLUDE PERFORMANCE METRICS/REVIEWS.</b></li> </ul>								
	<p><b>LOT 3: Digital Camera with Accessories</b></p>								
	<p><b>Digital Camera with Accessories</b>  <b>Technical Specifications:</b></p> <ul style="list-style-type: none"> <li>● Type: Digital Single-lens Reflex (DSLR)</li> <li>● Sensor: Full frame</li> <li>● Lens Kit: 18-55mm f/4-5.6 with Lens Stabilization</li> <li>● Wide-angle Lens: 10-18mm f/4.5-5.6 or better</li> </ul>		1						



	<ul style="list-style-type: none"> <li>• Macro Lens: 100mm f/2.8 with Lens Stabilization</li> <li>• Photo: at least 24.1 megapixel or higher</li> <li>• Video: 1080p resolution or higher</li> <li>• Continuous Shooting: at least 5 fps</li> <li>• ISO range: 100 - 25600 or higher</li> <li>• Display: inbuilt liquid crystal display (LCD) touchscreen</li> <li>• Storage: SD, SDHC, SDXC (UHS Speed Class 1 compatible)</li> </ul> <p><b>Inclusions:</b></p> <ul style="list-style-type: none"> <li>• Inbuilt camera flash</li> <li>• Battery and battery charger (w/ extra battery)</li> <li>• Inbuilt WiFi &amp; Bluetooth (preferably with NFC Connectivity)</li> <li>• Storage: at least 2 x 64Gb or 1 x 128 Gb micro SDXC</li> <li>• Camera Strap, camera bag, tripod, remote control</li> <li>• With at least 1 year warranty</li> <li>• <b>NOTE: PLEASE INCLUDE BROCHURE OF EQUIPMENT/ITEM, WITH ITS MAKE/MODEL/UNIT NUMBER AND SPECIFICATIONS. IF POSSIBLE, INCLUDE PERFORMANCE METRICS/REVIEWS.</b></li> </ul>								
<b>LOT 4: Secure Vault System</b>									
	<p><b>SECURE VAULT SYSTEM</b> <b>Technical Specifications:</b></p> <ul style="list-style-type: none"> <li>• <b>Exterior:</b> Galvanized steel walls and door; Concealed hinges and recessed door type; Stainless steel handle with emergency release; Watertight Fire resistant Pre-Drilled Mounting Holes &amp; Hardware</li> <li>• Preferably with humidity and temperature sensor</li> <li>• Finish: Durable and scratch-resistant powder-coated interior and exterior finish; With air vents and insulation panels</li> <li>• Size: Can fit at least A3-size documents</li> <li>• Interior dimension: at least 40 cm depth, 80 cm height, and 30 cm width</li> <li>• <b>Secure locking mechanism:</b> Key lock mechanism, Programmable digital lock Override access keys Motorized locking door bolts; Fail-safe lock/unlock during power outage</li> </ul>		1						

	<ul style="list-style-type: none"> <li>• With at least 1 year warranty</li> <li>• <b>NOTE: PLEASE INCLUDE BROCHURE OF EQUIPMENT/ITEM, WITH ITS MAKE/MODEL/UNIT NUMBER AND SPECIFICATIONS. IF POSSIBLE, INCLUDE PERFORMANCE METRICS/REVIEWS.</b></li> </ul>								
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Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_