



UNIVERSITY OF THE PHILIPPINES

LOS BANOS

Los Banos, IV-A

VAT Reg. TIN: 000-864-006-00004

Request for Quotation/ Bid Form (Technical Specifications)
DEPARTMENT OF SOCIAL SCIENCES, CAS

UPLB BAC SECRETARIAT
BY: fr DATE: 11-21-25

NOV 25 2025 10am

UPLB-RQ- 11-648-25-GOODS
DEADLINE OF SUBMISSION

UPLB-RQ-

**DEADLINE OF
SUBMISSION:**

Suppliers Name:

Date September 29, 2025
Fund Code: 9392502
MOP: Small Value Procurement (SVP)
Contact No: 536-2440
Contact Person Ronaldo M. Vibal

Please quote your lowest price on the item/s listed below, subject to the General Conditions below.

PMF 2025-06-09 150

Note:

1. Bidders shall provide correct and accurate information required in this form. All entries must be typewritten or in print and properly accomplished. Do not leave blank entries, put N/A for not applicable.
2. Price quotation/s to be denominated in Philippine Peso shall include all taxes, duties, and/ or levies payable.
3. Bidders must indicate the BRAND and MODEL NUMBER for equipment and its accessories or peripherals. Evidence shall be in the form of manufacturer's un-amended sale literature, unconditional statement of specification and compliance issued by the manufacturer and sample.
4. Quotation through fax/email is acceptable. Winning bidder shall submit original signed RQ before issuance of Purchase order (P.O.).
5. Quotations exceeding the Approved Budget for Contract shall be rejected.
6. Documentary requirements per Memorandum No. 03 Series of 2017 shall be attached upon submission of the quotation
7. Others: _____

PPMP: Security Surveillance and Detection Equipment

ITEM No.	GENERAL NAME OF THE ITEM	REQUIRED SPECIFICATIONS	UNIT OF MEASURE	QTY	ESTIMATED UNIT APPROVED BUDGET OF THE CONTRACT	ESTIMATED TOTAL APPROVED BUDGET OF THE CONTRACT	OFFERED SPECIFICATION <small>Suppliers must state here the detailed technical specifications of their offer against each of the individual parameters of each requirements</small>	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION <small>(Leave this space blank. For BAC/Evaluators only)</small>
		Supply and Delivery of Security and Surveillance System of DSS-CAS	1	Lot	100,000.00	100,000.00				
1	IP Camera	Branded and brand new Turret Network Camera Smart Dual Light Fixed-focal Eyeball Network Camera 2-MP 1/2.8" CMOS image sensor, low luminance, and high definition image. Outputs max. 2 MP (1920×1080)@25/30 fps. ROM: 128 MB RAM: 128 MB Lens Type: Fixed-focal Lens Mount: M12 Focal Length: 2.8 mm Max. Aperture: F1.6 Field of View: 2.8 mm: H: 104°; H.265 codec, high compression rate, ultra-low bit rate. Built-in IR LED and warm light, the max. IR illumination distance is 30 m and warm light distance is 30 m. Rotation mode, DWDR, 3D NR, HLC, BLC, digital watermarking, applicable to	un	6						

		various monitoring scenes. ROI, SMART H.264 +/H.265+, flexible coding, applicable to various bandwidth and storage environments. > Abnormality detection: Motion detection, video tampering, audio detection, network disconnection IP conflict and illegal access. Built in Mic. 12 VDC/PoE power supply. IP67 protection. human and vehicle detection. Same brand metal round white junction box, Sticker pattern, IP65 kit and Mounting kits included; Officially sealed upon inspection Warranty: 1 year on parts and services.					
2	IP Camera	Branded and brand new Bullet Network Camera; Smart Dual Light Fixed-focal Bullet Network Camera 2-MP 1/2.8" CMOS image sensor, low luminance, and high definition image. Outputs max. 2 MP (1920× 1080)@25/30 fps. Lens Type: Fixed-focal Lens Mount: M12 Focal Length: 2.8 mm;3.6 mm Max. Aperture: F1.6 Field of View: 2.8 mm: H: 104° Iris Control: Fixed H.265 codec, high compression rate, ultra-low bit rate. Built-in IR LED and warm light, the max. IR illumination distance is 30 m and warm light distance is 30 m. Rotation mode, DWDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes. ROI, SMART H.264 +/H.265+, flexible coding, applicable to various bandwidth and storage environments. Abnormality detection: Motion detection, video tampering, audio detection, network disconnection, IP conflict and illegal access. Built in Mic. 12 VDC/PoE power supply. IP67 protection. Supports human detection Same brand metal round white junction box, Sticker pattern, IP65 kit and Mounting kits included; Officially sealed upon inspection Warranty: 1 year on parts and services.	pc/s	10			

3	Surveillance Drive	Branded and brand new Surveillance Drive; Use Case: Smart Video Surveillance Features: Engineered for mainstream surveillance systems AllFrame technology delivers optimizations for write-intensive, low bit-rate, high stream-count workloads typical to mainstream surveillance applications Supports up to 180TB/yr workload rate and up to 16 bays Capacity: 4TB Category: Internal HDD Form Factor: 3.5-Inch Connector: SATA Compatibility: Up to 64 HD cameras, Up to 16 drive bays, AllFrame firmware technology Interface: SATA Transfer Rate: up to 175MB/s Disk Speed (RPM): 5400 RPM Recording Technology: CMR Officially sealed with antistatic packaging upon inspection; Note: damaged anti-static packaging will not be accepted; Warranty: 1 year on parts and services.	pc/s	1						
4	PoE Switch	Branded and brand new PoE Managed Switch PoE: Yes Ethernet Port: 8 Ethernet Port Speed: 10/100 Mbps Ethernet Port Uplink Speed: 10/100/1000 Mbps Description of Function Slots: Port 1-8: 8 × RJ-45 10/100 Mbps (PoE); Port 9-10: 2 × RJ-45 10/100/1000 Mbps (uplink) Reset Button: 1 Power Supply: External power supply: 54 VDC, 2.22 A Operating Temperature: -10 °C to +55 °C (+14 °F to +131 °F) Operating Humidity: 5%–95% (RH), non-condensing Storage Temperature: -40 °C to +70 °C (-40 °F to +158 °F) Storage Humidity: 5%–95% (RH), non-condensing Power Consumption: Idling: ≤3 W; Full load: 110 W Performance: Layer: Layer 2 Management Type: Yes Smart Managed Switch: Yes MTBF: 150 years Switching Capacity: 5.6 Gbps	pc/s	2						

		Packet Forwarding Rate: 4.17 Mpps Packet Buffer Size: 4 Mbit Jumbo Frame: 9216 Byte MAC Table Size: 8K VLAN Number: 32 Communication Standard: IEEE802.3; IEEE802.3u; IEEE802.3x; IEEE802.3ab Feature: PoE Protocol : IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt PoE Power: Port 1 ≤ 90 W, Port 2-8 ≤ 30 W, total ≤ 110 W PoE Power Consumption Management: Yes PoE Pin Assignment: 1,2,4,5 (V+) ,3,6,7,8 (V-) Long Distance PoE Transmission: Yes VLAN Function: Port-based VLAN IEEE 802.3x Flow Control: Yes DHCP Function: DHCP Client Equipment Management: Web management; App management General: Statics Protection: Air discharge: 8 kV; Contact discharge: 6 kV Lighting Protection: Common mode: 4 kV; Differential mode: 2 kV Casing Material: Sheet metal Installation: Desktop mount; wall mount Certifications: CE Power adapter, power cable and mounting kit included; Officially sealed upon inspection; Warranty: 1 year on parts and services.						
5	NVR	Branded and brand new Network Video Recorder; 16CH 1U 16PoE 2HDDs Lite Supports Smart H.265+, H.265, Smart H.264+, H.264 and MJPEG decoding formats. Max. decoding capability: 8 × 1080p@30 fps or 2 × 8 MP@30 fps. Max. 160/160/80 Mbps incoming/recording/outgoing bandwidth. Supports IP cameras with a resolution up to 12 MP. AI by Recorder supports 4-channel SMD Plus. AI by Camera supports face detection and recognition, perimeter protection, SMD Plus, people counting, stereo analysis and heat map. Supports EPTZ, and one-click arming and disarming. System: Main Processor: Industrial-grade processor Operating System: Embedded Linux Operating Interface: Web, Local GUI Perimeter Performance of AI by Camera (Number of Channels): 6 channels Face Attributes: Gender; age group; glasses; expressions; face mask; beard SMD Plus by Recorder: 4 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change	un	1				

	<p>Access Channel: 16 channels</p> <p>Network Bandwidth: AI disabled: 160 Mbps incoming, 160 Mbps recording and 80 Mbps outgoing AI enabled: 80 Mbps incoming, 80 Mbps recording and 60 Mbps outgoing</p> <p>Resolution: 12 MP; 8 MP; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 960p; 720p; D1; CIF; QCIF</p> <p>Multi-screen Display: Main Screen: 1/4/8/9/16 Sub Screen: 1/4/8/9/16</p> <p>Third-party Camera Access: ONVIF; Panasonic; Sony; Axis; Arecont; Pelco; Canon; Hanwha</p> <p>Video Compression: Smart H.265+; H.265; Smart H.264+; H.264</p> <p>Audio Compression: G.711a; G.711u; PCM; G726</p> <p>Network:</p> <p>Network Protocol: HTTP; HTTPS; TCP/IP; IPv4; IPv6; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; FTP; DDNS; SNMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.)</p> <p>Mobile Phone Access: iOS; Android</p> <p>Interoperability: ONVIF 22.12(Profile T; Profile S; Profile G); CGI; SDK</p> <p>Browser: Chrome; IE; Safari; Edge; Firefox</p> <p>Multi-channel Playback: Up to 16 channels</p> <p>Storage:</p> <p>Disk Group: Yes</p> <p>Network Port: 1 (10/100/1000 Mbps Ethernet port, RJ-45)</p> <p>PoE Port: 16 ports, 10/100 Mbps, IEEE 802.3 af/at</p> <p>General:</p> <p>Power Supply: 100–240 VAC, 50/60 Hz</p> <p>Operating Temperature: -10 °C to +55 °C (14 °F to +131 °F)</p> <p>Operating Humidity: 10%–93% (RH), non-condensing</p> <p>Installation: Rack or desktop</p> <p>Certifications: CE-EMC: EN 55032:2015+A1:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; EN 55035:2017+A11:2020; EN 50130-4:2011+A1:2014 CE-LVD: EN 62368-1:2014</p> <p>Usb mouse, sata power cables and data cables, power cable and mounting kits included;</p> <p>Officially sealed upon inspection;</p> <p>Warranty: 1 year on parts and services.</p>					
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6	UPS	<p>Branded and brand new Uninterrupted Power Supply; Main Output Voltage: 230 V Rated power in W: 600 W Rated power in VA: 1000 VA Product or component type: Uninterruptible power supply (UPS) Input Connection Type: NEMA 5-15P output connection type: 4 universal receptacle Cable length: 1.20 m Number of cables: 1 Battery type: Same brand Lead-acid battery Battery recharge time: 8 h Battery voltage: 12 V Battery capacity: 9.0 Ah Battery life: 3...5 year(s) Input Network frequency: 50/60 Hz +/- 5 Hz auto-sensing Input voltage limits: 170...280 V Output: Maximum configurable power in W: 600 W Output frequency: 50/60 Hz +/- 1 Hz unsynchronised UPS type: Line interactive Wave type: Stepped approximation to a sinewave Maximum configurable power in VA: 1000 VA Transfer time: 6 ms typical : 10 ms maximum Conformance: product certifications: CE Standards: EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018 acoustic level: 40 dBA IP degree of protection: IP20 Communications & Management: Alarm: Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm Surge Protection and Filtering: Surge energy rate: 156 J Officially sealed upon inspection before installation Warranty: 2 years repair or replace</p>	un	1					
		NOTE: 1. NVRs, IP Cameras, PoE Switches and must be of the same brand. 2. All items must be officially sealed upon inspection before installation; 3. Lot Award.							
							TOTAL ABC	100,000.00	

NOTE: LOT AWARD

TOTAL QUOTED AMOUNT IN WORDS:

Reviewed and Checked By:

Mark Efraim M. Gironella

SAC TWG

Please quote at your government price (including VAT) and state that the time within which you can make delivery. It will be appreciated if we can have your quotation in the office as soon as possible on or before the deadline stated herein.

Ronaldo M. Vibal
 BUYER/ END-USER

TERMS AND CONDITIONS:

1. Price quotation/s shall be valid for a period of at least (30) calendar days from the date of submission.
2. In order to assure that manufacturing defects shall be corrected by supplier, a warranty security shall be required from the contract awardee for a minimum period of **three (3) months**, in the case of EXPENDABLE SUPPLIES, or a **minimum of one (1) year warranty and two (2) to three (3) years extended warranty (if applicable)** in the case of NON-EXPENDABLE SUPPLIES after acceptance by End-user of the delivered supplies.
3. Delivery period within **_30_** calendar days.
4. Award of contract shall be made to the lowest quotation which complies with the technical specifications, and other terms and conditions stated herein.
5. UPLB reserves the right to reject any or all offers as may be considered most advantageous to the University.
6. Any interlineations, erasure, or overwriting shall be valid only if they are signed or initiated by you or any of your duly authorized representative/s.

Requirements for Suppliers (GPPB Resolution No. 21-2017)

REQUIREMENTS	Shopping (Section 52)	Negotiated Procurement- Small Value Procurement (Section 53.9)	Negotiated Procurement- Lease of Real Property or Venue (Section 53.10)	Negotiated Procurement- Scientific, Scholarly or Artistic Work, Exclusive Technology and Media Services (Section 53.6)	Negotiated Procurement- Emergency (Section 53.2)
1 Mayor's/Business Permit	/	/	/	/	/
2 PhilGEPS Registration Number	/	/	/	/	/
3 Professional license/ CV (consulting services)			/	/	
4 PCAB License (for Infrastructure)			/		
5 Income / Business tax returns (except for government agencies as lessor)		FOR ABC'S ABOVE 500K	/	/	FOR ABC'S ABOVE 50K
6 Omnibus Sworn Statement		FOR ABC'S ABOVE 50K			FOR ABC'S ABOVE 500K
7 NFCC for Infrastructure with ABC above Ph500k			/		FOR ABC'S ABOVE 50K

After having carefully read and accepted your General Conditions, I/We quote you on the item at prices noted above.

Name of the Company:

Address: _____

Tel. No.: _____

Signature over Printed

Name of

Position:

Fax No.: _____

Email Address: _____

Date: _____