



UNIVERSITY OF THE PHILIPPINES

LOS BANOS
Los Banos, IV-A
VAT Reg. TIN: 000-864-006-00004

Request for Quotation/ Bid Form (Technical Specifications)
INSTITUTE OF CHEMISTRY

UPLB BAC SECRETARIAT
BY: DATE: 9/18/23
SEP 25 2023 - 10AM TIL
UPLB-RQ- 9-331- 23-GOODS
DEADLINE OF SUBMISSION

DEADLINE OF SUBMISSION:

Suppliers Name:

Date: September 14, 2023
Fund Code: 9390123
MOP: Small Value Procurement
Contact No: (049) 536-2220
Contact Person: Melvin Magat
mvmagat1@up.edu.ph

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

- 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:

Table with 11 columns: 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, QUOTED UNIT PRICE, TOTAL QUOTED PRICE, EVALUATION. Row 1: Analog Camera, 2 MP PIR Fixed, Turret type; CAMERA, LENS, IMAGE.

		<b>Supplement Detection(PIR)</b>							
		PIR Range: Angle: 110°, Range:11 m							
		<b>INTERFACE</b>							
		Video Output: TVI only							
		Alarm: Yes							
		<b>GENERAL</b>							
		Material Enclosure: Plastic,Main body: Metal							
		Dimension: Approx. Ø 109.8 mm × 89.75 mm (Ø 4.32" × 3.53")							
		Weight: Approx. 310 g (0.68 lb.)							
		Operating Condition: -40 °C to 60 °C (-40 °F to 140 °F), humidity: 90% or less (non-condensation)							
		Communication: Up the coax, Protocol: -C (TVI output)							
		Language: English							
		Power Supply: 12 VDC ±25%							
		Consumption: Max. 4 W							
		IR Range: Up to 20 m							
		<b>APPROVAL</b>							
		Protection: 1P67							
		Compatibe with HIKVISION Digital Video Recorder (DVR) Model: DS-7216HQHI-K1							
		Sticker pattern and mounting kits included; Official sealed upon inspection; Warranty: 1 year on parts and services							
2	IP Camera	Branded and Brand New	un	5	3,630.00	18,150.00			
		2 MP Fixed Dome type Network Camera							
		<b>CAMERA</b>							
		Image Sensor: 1/2.7" Progressive Scan CMOS							
		Min. Illumination: Color: 0.01 Lux @(F2.0, AGC ON), B/W: 0 Lux with IR							
		Shutter Speed: 1/3 s to 1/100, 000 s							
		With Slow Shutter							
		Wide Dynamic Range: Digital WDR							
		Day & Night: IR cut filter							
		Angle Adjustment: Pan: 0° to 355°, tilt: 0° to 75°							
		<b>LENS</b>							
		Focal Length & FOV:							
		2.8 mm, horizontal FOV 112.1°, vertical FOV 60.0°, diagonal FOV 132.2°							
		4 mm, horizontal FOV 90.2°, vertical FOV 48.6°, diagonal FOV 107.6°							
		Lens Mount: M12							
		Focus: Fixed							
		Aperture: F2.0							
		<b>ILLUMINATOR</b>							
		IR Wavelength: 850 nm							
		IR Range: Up to 30 m							
		<b>VIDEO</b>							
		Max. Resolution: 1920 × 1080							
		Main Stream: 50 Hz: 25 fps (1920 × 1080, 1280 × 720)							
		60 Hz: 30 fps (1920 × 1080, 1280 × 720)							
		Sub-Stream: 50 Hz: 25 fps (640 × 480, 640 × 360)							
		60 Hz: 30 fps (640 × 480, 640 × 360)							






		Power Interface: Ø5.5 mm coaxial power plug							
		<b>APPROVAL</b>							
		EMC: FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)							
		Safety: UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)							
		Environment: CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)							
		Protection: IP67, IK10							
		Must be the same brand with NVR in item #3; Sticker pattern and mounting kits included; Officially sealed upon inspection; Warranty: 1 year on parts and services							
3	Network Video Recorder (NVR)	Branded and Brand New	un	1	18,400.00	18,400.00			
		<b>Video/Audio input</b>							
		IP video input: 16-ch							
		Two-way audio input: 1-ch, RCA (2.0 Vp-p, 1kΩ)							
		Network:							
		Incoming bandwidth: 160 Mbps							
		Outgoing bandwidth: 80 Mbps							
		<b>Video/Audio output</b>							
		Recording resolution: 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF							
		HDMI output resolution: 1-ch, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz							
		VGA output resolution: 1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz							
		Audio output: 1-ch, RCA (Linear, 1kΩ)							
		<b>Decoding</b>							
		Decoding format: H.265/H.265+/H.264/H.264+/MPEG4							
		Live view/Playback resolution: 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF							
		Synchronous playback: 16-ch							
		Decoding Capability: 1-ch @ 8 MP / 4-ch @ 1080p							
		<b>Network management</b>							
		Network protocols: TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS							
		<b>Hard Disk</b>							
		SATA: 2 SATA interface for 2 HDD							
		Hard Disk Capacity: Up to 6TB for each disk							
		<b>External interface</b>							
		Network interface: 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface							
		USB interface: 2 × USB 2.0							



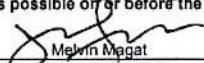
		<b>POE Interface</b>							
		Interface: 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface							
		Power: ≤ 150W							
		POE Supported standard: IEEE 802.3 af/at							
		<b>General</b>							
		Power supply: 100 to 240 VAC, 60Hz							
		Power: ≤ 280W							
		Consumption (without hard disk and PoE): ≤15 W							
		Working temperature: -10 °C to +55 °C (14 °F to 131 °F)							
		Working humidity: 10 % to 90 %							
		Chassis: 1U Chassis							
		Dimensions(W × D × H): Approx 385 × 315 × 52 mm (15.2"× 12.4" × 2.0")							
		Weight: Approx. ≤ 3 kg (6.6 lb)							
		Must be the same brand with IP camera in item#2; Surveillance drive mounting screws, sata power cable + sata data cable, USB Optical Mouse, genuine same brand power adapter included; Official sealed upon inspection; Warranty: 1 year on parts and services							
4	Surveillance Hard Drive	Branded and Brand New	pc	2	13,735.00	27,470.00			
		Surveillance Hard Drive type							
		Capacity: 6TB or higher							
		Interface: SATA 6GB/s							
		<b>Features and Performance</b>							
		Drive Bays Supported: 8+							
		Cameras Supported: Up to 64							
		Max. Sustained Transfer Rate OD (MB/s): 195MB/s							
		Cache (MB): 256							
		<b>Reliability/Data Integrity</b>							
		with Tarnish Resistant							
		Load/Unload Cycles: 300,000							
		Nonrecoverable Read Errors per Bits Read, Max: 1 per 10E15							
		Power-On Hours per Year (24×7): 8760							
		Workload Rate Limit (WRL): 180							
		MTBF: 1,000,000hr							
		<b>Power Management</b>							
		Startup Current, Typical (12V, A): 2							
		Average Operating Power (W): 9W							
		Idle Average (W): 7W							
		Standby Mode/Sleep Mode, Typical (W): 0.6/0.6							
		Voltage Tolerance (5V): ±5%							
		Voltage Tolerance (12V): ±10%							
		<b>Environmental/Temperature</b>							
		Operating (ambient, min °C): 5							
		Operating (drive case, max °C): 70							
		Nonoperating (ambient, min °C) -40							

Officially sealed with anti-static packaging without damage upon inspection; (damaged packaging will not be accepted upon inspection) Warranty: 1 year on parts and services									
<b>Note: CCTV Camera, IP (Item# 2) and Network Video Recorder (NVR) Item# 3 must be of the same</b>									
<b>TOTAL ABC 68,320.00</b>									
						<b>TOTAL QUOTED AMOUNT IN WORDS:</b>			

Reviewed and Checked By:

  
 Mark Efrain M. Gironella  
 BAC 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 or before the deadline stated herein.

  
 Melvin Magat  
 BUYER/ END-USER

**TERMS AND CONDITIONS:**

- Price quotation/s shall be valid for a period of at least (30) calendar days from the date of submission.
- 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.
- Delivery period within 30 calendar days.
- Award of contract shall be made to the lowest quotation which complies with the technical specifications, and other terms and condition stated herein
- UPLB reserves the right to reject any or all offers as may be considered most advantageous to the University.
- 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: \_\_\_\_\_

Signature over Printed Name of  
Representative: \_\_\_\_\_

Position: \_\_\_\_\_

Tel. No. : \_\_\_\_\_

Fax No. : \_\_\_\_\_

Email Address: \_\_\_\_\_

Date: \_\_\_\_\_