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-RQ-

DEADLINE OF SUBMISSION:

Suppliers Name: _____

Date	October 26, 2023
Fund Code:	9390123
MOP:	Small Value Procurement
Contact No.	(049) 536 -2220
Contact Person	Melvin Magat

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 Puchase order (P.O.).
5. Quotations exceeding the Appoved 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: _____

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 Suppliers must state here the detailed technical specifications of their offer against each of the individual parameters of each requirements	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION (Leave this space blank. For BAC/ Evaluators only)
1	Analog Camera	Branded and Brand New	un	2	2,150.00	4,300.00				
		2 MP PIR Fixed, Turret type;								
		CAMERA								
		Image Sensor: 2.0 megapixel progressive scan CMOS								
		Max. Resolution: 1920 (H) × 1080 (V)								
		Min. Illumination: Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR								
		Shutter TimePAL: 1/25 s to 1/50, 000 s,NTSC: 1/30 s to 1/50, 000 s								
		Day & Night: IR cut filter								
		Angle Adjustment: Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°								
		Signal System: PAL/NTSC								
		LENS								
		Lens Type: 2.8 mm, 3.6 mm fixed focal lens								
		Focal Length & FOV103°: (2.8 mm), 82.2° (3.6 mm)								
		Lens Mount: M12								
		IMAGE								
		Image Settings: Brightness, Contrast, Sharpness, Saturation, DNR, Mirror								
		Frame RatePAL: 1080p@25fps,NTSC: 1080p@30fps								
		Day/Night ModeAuto/Color/BW (Black and White)								
		Image Enhancement: BLC								
		White Balance: Auto/Manual								
		White Light: Auto/Off								
		AGC: Low/middle/high								
		Supplement Detection(PIR)								
		PIR Range: Angle: 110°, Range:11 m								
		INTERFACE								
		Video Output: TVI only								
		Alarm: Yes								

		GENERAL								
		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								
		APPROVAL								
		Protection: 1P67								
		Compatibe with HIKVISION Digital Video Recorder (DVR) Model: DS-7216HQHI-K1								
		Sticker pattern and mounting kits included; Officiall 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								
		CAMERA								
		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°								
		LENS								
		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								
		ILLUMINATOR								
		IR Wavelength: 850 nm								
		IR Range: Up to 30 m								
		VIDEO								
		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)								
		Video Compression: Main Stream: H.265/H.264								
		Sub-Stream: H.265/H.264/MJPEG								
		Video Bit Rate: 32 Kbps to 8 Mbps								
		H.264 Type: Baseline Profile/Main Profile/High Profile								
		H.265 Type: Main Profile								

		H.264+: Main Stream supports										
		H.265+: Main Stream supports										
		Region Of Interest (ROI): 1 fixed region for main stream										
		NETWORK										
		Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS										
		Simultaneous Live View: Up to 6 channels										
		API: Open Network Video Interface, ISAPI										
		User/Host: Up to 32 users. 3 levels: administrator, operator and user										
		Web Browser:										
		Plug-in required live view: IE 10+										
		Plug-in free live view: Chrome 57.0+, Firefox 52.0+										
		Local service: Chrome 57.0+, Firefox 52.0+										
		IMAGE										
		Image Settings: Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser.										
		Day/Night Switch: Day, Night, Auto, Schedule										
		Image Enhancement: BLC, 3D DNR										
		INTERFACE										
		Ethernet Interface: 1 RJ45 10 M/100 M self-adaptive Ethernet port										
		EVENT										
		Basic Event: Motion detection, video tampering alarm, exception										
		GENERAL										
		Linkage Method: Upload to FTP, notify surveillance center, send email										
		Camera Material: Metal & Plastic										
		Camera Dimension: Approx. Ø111 mm × 82.4 mm (Ø4.4" × 3.2")										
		Package Dimension: Approx. 134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3")										
		Camera Weight: Approx. 410 g (0.9 lb.)										
		With Package Weight: Approx. 610 g (1.3 lb.)										
		Storage Conditions: -30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)										
		Startup And Operating Conditions-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)										
		Web Client Language: English										
		General Function: Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter										
		Firmware Version: V5.5.120										
		Power Consumption And Current:										
		12 VDC, 0.4 A, max. 5 W										
		PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.15 A, max. 6.5 W										
		Power Supply:										
		12 VDC ± 25%										
		PoE: 802.3af, Class 3										
		Power Interface: Ø5.5 mm coaxial power plug										
		APPROVAL										
		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)										

#		Specifications								
		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; Officiall 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				
		Video/Audio input								
		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								
		Video/Audio output								
		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)								
		Decoding								
		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								
		Network management								
		Network protocols: TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS								
		Hard Disk								
		SATA: 2 SATA interface for 2 HDD								
		Hard Disk Capacity: Up to 6TB for each disk								
		External interface								
		Network interface: 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface								
		USB interface: 2 × USB 2.0								
		POE Interface								
		Interface: 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface								
		Power: ≤ 150W								
		POE Supported standard: IEEE 802.3 af/at								
		General								
		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; Officiall 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 hihger										
		Interface: SATA 6GB/s										
		Features and Performance										
		Drive Bays Supported: 8+										
		Cameras Supported: Up to 64										
		Max. Sustained Transfer Rate OD (MB/s): 195MB/s										
		Cache (MB): 256										
		Reliability/Data Integrity										
		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										
		Power Management										
		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%										
		Environmental/Temperature										
		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										
	Note: CCTV Camera, IP (Item# 2) and Network Video Recorder (NVR) Item# 3 must be of the same brand											
					TOTAL ABC	**68,320.00**						
						TOTAL QUOTED AMOUNT IN WORDS:						

Reviewed and Checked By:

Mark Efriam 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 on or before the deadline stated herein.

Delwin Magat
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 wich complies with the technical specifications, and other terms and condition 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: _____

Signature over Printed Name of Representative: _____

Position: _____

Tel. No. : _____

Fax No. : _____

Email Address: _____

Date: _____