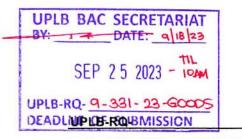


UNIVERSITY OF THE PHILIPPINES

LOS BANOS Los Banos, IV-A

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

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



DEADLINE OF	
SUBMISSION:	

Suppliers Name:	Date September 14, 2023
	Fund Code: 9390123
	MOP: Small Value Procureme
	Contact No: (049) 536 -2220
	Contact Person Melvin Magat
	mmmagat1@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 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	αту	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)								2*
		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		_			1		
		INTERFACE		-					
-		Video Output: TVI only	1	\vdash			-		
		Alarm: Yes	-				 		
		GENERAL	-	\vdash					
			-				 -		
		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%							
1112		Consumption: Max. 4 W							
		IR Range: Up to 20 m							
		APPROVAL							
		Protection: 1P67							
		Compatible with HIKVISION Digital Video Recorder (DVR) Model: DS-7216HQHI-							
		K1							
		Sticker pattern and mounting kits included;							
		Officiall sealed upon inspection;	1						
		Warranty: 1 year on parts and services	-	_					
2	IP Camera	Branded and Brand New	un	5	3,630.00	18,150.00			1
		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	-	1			1		
		ILLUMINATOR	1						
		IR Wavelength: 850 nm							
_		IR Range: Up to 30 m		1		1			1
		VIDEO	-	1			+		1
		Max. Resolution: 1920 × 1080	-	-		1			
			-	+		-		+	-
		Main Stream: 50 Hz: 25 fps (1920 × 1080, 1280 × 720)	-	-		ļ	 -		-
-		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)		1				1	

	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, LIPnP™, SMTP, IGMP, 802, 1X, QoS, IPv6, Bonjour, IPv4, LIDP						
	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	\rightarrow					-
							-
	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)				1		1
	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						1
	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)							
		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	Branded and Brand New	un	1	18,400.00	18,400.00			
	Recorder (NVR)	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						1	
		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							

П		POE Interface	T						
		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	рс	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					T	1	1
		Reliability/Data Integrity						1	
-		with Tarnish Resistant					1		-
		Load/Unload Cycles: 300,000			-		 	1	
-		Nonrecoverable Read Errors per Bits Read, Max: 1 per 10E15		-	-	-	1	-	
-				-	-	_	-		+
-		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					4		
		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					
		I	TOTAL ABC	68,320.00		With the second
					TOTAL QUOTED AMOUNT IN	WORDS:
Reviewed and Checked Bv:	Mark Efrain M. Gironella BNC TWG mment price (including VAT) and state that the time within which you can make delivery. It will be appreciated if w	ve can have you	ur quotation in th	ne office as soon	as possible on or before the de	eadline stated
r touse quote at your gover	milent price (modernig 1717) and state that the milentance of some section, it is more approximated in				Melvin Magat BUYER/ END-USER	
S AND CONDITIONS:						
der to assure that manufacturing defe	d of at least (30) calendar days from the date of submission. cls shall be corrected by supplier, a warranty security shall be required from the contract awardee for a minimum period of three (3) months. EXPENDABLE SUPPLIES after acceptance by End-user of the delivered supplies.	, in the case of EXF	PENDABLE SUPPL	IES, or a minimum o	of one (1) year warranty and two (2) t	to three (3) years
B reserves the right to reject any or al	vest quotation wich complies with the technical specifications, and other terms and condition stated herein I offers as may be considered most advantageous to the University.					
rd of contract shall be made to the lov B reserves the right to reject any or al	vest quotation wich complies with the technical specifications, and other terms and condition stated herein offers as may be considered most advantageous to the University. I shall be valid only if they are signed or initiated by you or any of your duly authorized representative/s. Attion No. 21-2017)	Changing	Manatistad	Negotiated	Negatiand Programmy Selantific	Negotiated
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d of contract shall be made to the low treserves the right to reject any or all interlineations, erasure, or overwriting timents for Suppliers (GPPB Resolution) and the suppliers (GPPB Registration Number Professional license/ CV (consulting PCAB License (for Infrastructure)	vest quotation wich complies with the technical specifications, and other terms and condition stated herein I offers as may be considered most advantageous to the University. I shall be valid only if they are signed or initiated by you or any of your duly authorized representative/s. I station No. 21-2017) REQUIREMENTS Services)	(Section 52)	Procurement- Small Value Procurement (Section 53.9)	Procurement- Lease of Real Property or Venue (Section 53,10)	Schotarly or Artistic Work, Exclusive Technology and Media Services (Section 53.6)	Procurement- Emergency (Section 53.2)
d of contract shall be made to the low treserves the right to reject any or all interlineations, erasure, or overwriting timents for Suppliers (GPPB Resolution) and the suppliers (GPPB Registration Number Professional license/ CV (consulting PCAB License (for Infrastructure)	vest quotation wich complies with the technical specifications, and other terms and condition stated herein I offers as may be considered most advantageous to the University. I shall be valid only if they are signed or initiated by you or any of your duly authorized representative/s. Ition No. 21-2017) REQUIREMENTS	(Section 52)	Procurement- Small Value Procurement (Section 53.9)	Procurement- Lease of Real Property or Venue	Scholarly or Artistic Work, Exclusive Technology and Media Services (Section 53.6)	Procurement- Emergency (Section 53.2)
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