



SUPPLEMENTAL/BID BULLETIN NO. 1 For LBP-HOBAC-ITB-GS-20220607-01

PROJECT

CCTV System for LANDBANK Offices in Malate, Manila and

Quezon City

IMPLEMENTOR

HOBAC Secretariat

DATE

September 16, 2022

This Supplemental/Bid Bulletin is issued to modify, amend and/or clarify certain items in the Bid Documents. This shall form an integral part of the Bid Documents.

Modifications, amendments and/or clarifications:

- 1) The bidder/s are encouraged to use the Bid Securing Declaration as Bid Security.
- 2) The Terms of Reference (Annexes D-1 to D-11), Technical Specifications (Section VII) and Checklist of Bidding Documents (Item 12 of Technical Documents) have been revised. Please see attached Annexes D-1 to D-11 and specific sections of the Bidding Documents.
- 3) Responses to Bidder's Queries/Clarifications (Annex G).

ATTY. HONORIO T. DIAZ, JR Hega, HOBAC Secretariat

July 5, 2022



LANDBANK Oversight Project for Data Center Instructions on responding to this Terms Of Reference (TOR) Document

- a. The vendor/bidder understands and agrees that the requirements specified in this document are deliverables for the proposed surveillance system.
- b. All deliverables, its specifications and functionalities, must be satisfied including its necessary prerequisites without additional cost to the Bank.
- c. The vendor/bidder must answer at the third column whether the proposed surveillance system complies or not—answer must be **YES** or **NO**.
- d. The REMARKS column in the table is to be filled out according to the response in the third column:
 - d.1. If answer to the third column is YES: REMARKS column is to be filled out with the complete and specific reference to the supporting document included in the bidding document to support answer/claim.
 - d.2. If the answer to the third column is NO: REMARKS column is to be filled out with the justifications why the proposed surveillance cannot meet the specified requirement; include the complete and specific reference to the supporting document included in the bidding document to support answer/claim.
- e. The supporting documents, cited references to the TOR should be indexed or labeled accordingly for easy identification and validation.

Main Office	REQUIREMENT	WILL COMPLY? YES/NO	REMARKS
1. MINI DOME : Nine (9) Units	The proposed mini dome camera must have the following technical specification below:		
Resolution	The proposed device must be at least 2MP (1080p)		
Image Sensor	The proposed device must have at least 1/2.8" CMOS image sensor		
Minimum Illumination	The proposed device must be at least: 0.002 Lux@F1.6 (Color, 30IRE)		
Dynamic Range	The proposed device must have at least equivalent to 56 dB		
Shutter Speed	The proposed device must be at least 1/3 s to 1/10,000 s		
Zoom Ratio	The proposed device must have at least 4x digital zoom		
Focal Length	The proposed device must at least be f = 2.8 mm		
Aperture	The proposed device must have at least F1.6		
Pan/Tilt/Rotation Angle	The proposed device can do Pan: -30°-30°; Tilt:		
(manual)	0°-80°; Rotation: 0°-360°		
Tone Correction	The proposed device must have visibility enhancer		

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Noise Reduction	Excellent Dynamic Noise Reduction	
Edge Storage	The proposed device must have at least 64GB	
	SD card slot	
Vandal Resistant	The proposed device must be at least IK10	
Frame Rate	H.264: 30 fps (1920 x 1080), JPEG: 30 fps (1920 x	
	1080)	
Bit Rate	The proposed device must be at least 2 Mbps to	
	32 Mbps	
Multi streaming	The proposed device must have at least 3	
Analytics Architecture	The proposed device must be DEPA Advanced	
Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP*, HTTP, DHCP,	
	DNS, NTP, RTP/RTCP, RTSP over TCP, RTSP over	
	HTTP, SMTP, IPv6, HTTPS, FTP (client), SNMP	
	(v1, v2c, v3), SSL.	
ONVIF Conformance	The proposed device must have Profile S, Profile	
	Т	
Authentication	The proposed device must be IEEE802.1X	
Power Requirements	The proposed device must be IEEE 802.3af	
	compliant	
Operating Temperature	-40°C to +60°C (-40°F to +140°F)/less than 95%	
	RH	
Storage Temperature	-40°C to +60°C (-40°F to +140°F)	
Certifications	The proposed device must be at least CE-LVD:	
	EN62368-1 CE-EMC: Electromagnetic	
	Compatibility Directive 2014/30/EU FCC: 47 CFR	
	FCC Part 15, Subpart B	

2. CUBE : One (1) Unit (Guard Lobby)	The proposed Cube Camera must have the following specifications below:	The state of the s
Resolution	The proposed device must be at least 720p	
Image Sensor	The proposed device must have at least -40°C to +60°C (-40°F to +140°F)	
Minimum Illumination	The proposed device must be at least: (50 IRE) Color: 1.0 Ix, (30 IRE) Color: 0.5 Ix	
Shutter Speed	The proposed device must be 1/1 s to 1/10,000 s	
Zoom Ratio	The proposed device must have at least 4x digital zoom	
Horizontal/Vertical Viewing	The proposed device must be at least 105° / 57.0° /	
Angle	The prepared device must be at least f = 1.92 mm	
Focal Length	The proposed device must be at least f = 1.83 mm	
Aperture	The proposed device must have at least F2.0	
Illuminator	The proposed device must have white-light LED	

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	Illuminator	
LED Working Distance	The proposed device must have at least 3 meters	
Noise Reduction	Excellent Dynamic Noise Reduction	
Frame Rate	The proposed device must be at least: H.264: 30 fps	
	(1280 x 720), JPEG: 30 fps (1280 x 720)	
Bit Rate	The proposed device must be at least 2 Mbps to 32	
	Mbps	
Multi streaming Capability	The proposed device must have at least 3	
Remote clients	The proposed device must support at least 5	
	simultaneous remote viewing	
Analytics Architecture	The proposed device must be NVR AI	
Audio compression format	The proposed device must have G.711/G.726/AAC (16	
	kHz, 48 kHz)	
Network protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP*, HTTP, DHCP, DNS,	
	NTP, RTP/RTCP, RTSP over TCP, SMTP over HTTP,	
	IPv6, HTTPS, FTP (client), SNMP (v1, v2c, v3), SSL.	
Quality of service (QoS)	The proposed device must have a DSCP QOS	
ONVIF Conformance	The proposed device can be Profile S, Profile T	
Authentication	The proposed device must be IEEE802.1X	
Microphone Input	The proposed device must have Built-in microphone	
Line Output	The proposed device must have Built-in speaker	
Edge storage	The proposed device must have micro-SD SDHC	
Power Requirements	The proposed device must be IEEE 802.3af compliant	
Operating Temperature	0°C to +50°C, 32°F to 122°F	
Storage Temperature	-20 °C to + 60 °C, -4 °F to + 140 °F	
External Material	PC (Polycarbonate)	
Certification	The proposed device must be at least CE-LVD:	`
	EN62368-1 CE-EMC: Electromagnetic Compatibility	
	Directive 2014/30/EU CE-RED: Radio Equipment	
	Directive 2014/53/EU FCC: 47 CFR FCC Part 15,	
	Subpart B FCC ID: FCC PART 15C	

3. FISHEYE DOME : One (1) Unit	The proposed fisheye camera must have the following technical specifications below:	
Resolution	The proposed device must at least be 5MP	
Image Sensor	The proposed device must have at least	
	1/1.8" 6Megapixel progressive scan CMOS	
Minimum Illumination	The proposed device must be at least (30	
	IRE) Color: 0.1 lux at F2.0	
Shutter speed	The proposed device must have at least	
	Auto/Manual, 1/3~1/100000s	

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S/N Ratio The proposed device must have at least 50 dB Focal Length The proposed device must be at least f1.7mm Aperture The proposed device must have at least F2.0 Horizontal / Vertical / Rotation Viewing Angle Frame Rate The proposed device must have at least H: 180°, V:180° Frame Rate The proposed device must be have at least Main Stream: 6M(1~25/30fps) View Mode The proposed device must have Fisheye View Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot The proposed device must be IEEE 802.3af compliant			
Focal Length The proposed device must be at least f1.7mm Aperture The proposed device must have at least F2.0 Horizontal / Vertical / Rotation Viewing Angle 180°, V:180° Frame Rate The proposed device must be have at least Main Stream: 6M(1°25/30fps) View Mode The proposed device must have Fisheye View Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must be IEEE 802.3af compliant	S/N Ratio	The proposed device must have at least 50	
f1.7mm Aperture The proposed device must have at least F2.0 Horizontal / Vertical / The proposed device must have at least H: 180°, V:180° Frame Rate The proposed device must be have at least Main Stream: 6M(1~25/30fps) View Mode The proposed device must have Fisheye View Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must be IEEE 802.3af compliant		dB	
Aperture The proposed device must have at least F2.0 Horizontal / Vertical / The proposed device must have at least H: Rotation Viewing Angle 180°, V:180° Frame Rate The proposed device must be have at least Main Stream: 6M(1~25/30fps) View Mode The proposed device must have Fisheye View Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must be IEEE 802.3af compliant	Focal Length	The proposed device must be at least	
F2.0		f1.7mm	
Horizontal / Vertical / Rotation Viewing Angle 180°, V:180° Frame Rate The proposed device must be have at least Main Stream: 6M(1~25/30fps) View Mode The proposed device must have Fisheye View Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must be IEEE 802.3af compliant	Aperture	The proposed device must have at least	
Rotation Viewing Angle Frame Rate The proposed device must be have at least Main Stream: 6M(1~25/30fps) View Mode The proposed device must have Fisheye View Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant		F2.0	
Frame Rate The proposed device must be have at least Main Stream: 6M(1~25/30fps) View Mode The proposed device must have Fisheye View Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant	Horizontal / Vertical /	The proposed device must have at least H:	
Main Stream: 6M(1~25/30fps) View Mode The proposed device must have Fisheye View Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant	Rotation Viewing Angle	180°, V:180°	
View Mode The proposed device must have Fisheye View Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant	Frame Rate	The proposed device must be have at least	
Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant		Main Stream: 6M(1~25/30fps)	
Bit Rate The proposed device must be at least 2 Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant	View Mode	The proposed device must have Fisheye	
Mbps to 32 Mbps Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant		View	
Wide Dynamic Range The proposed device must have at least 74 dB Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant	Bit Rate	The proposed device must be at least 2	
Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant		Mbps to 32 Mbps	
Network Protocol & Service IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant	Wide Dynamic Range	The proposed device must have at least 74	
HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant		dB	
SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant	Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP,	
UPnP, QoS, SNMP, IEEE 802.1X Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant		HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP,	
Edge storage The proposed device must have Micro SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant		SMTP, FTP, IGMP, ICMP, ARP, Bonjour,	
SDHC, Micro SDXC memory card slot Power Requirements The proposed device must be IEEE 802.3af compliant		UPnP, QoS, SNMP, IEEE 802.1X	
Power Requirements The proposed device must be IEEE 802.3af compliant	Edge storage	The proposed device must have Micro	
compliant		SDHC, Micro SDXC memory card slot	
	Power Requirements	The proposed device must be IEEE 802.3af	
		compliant	
Vandal resistant The proposed device must be at least IK10	Vandal resistant	The proposed device must be at least IK10	
Operating / Starting The proposed device must be 30° C ~ +60°	Operating / Starting	The proposed device must be 30° C ~ +60°	
Temperature C (-22° F ~ +140° F) / Less than 95%	Temperature	C (-22° F ~ +140° F) / Less than 95%	

DR - Perimeter	REQUIREMENT		WILL COMPLY? YES/NO	REMARKS
4. BULLET WITH WHITE- LIGHT LED : Four (4) Units	The proposed bullet camera must have the following technical specifications below:			
Image Sensor	The proposed device must at least have 4MP 1/1.8" CMOS image sensor	٠,		
Signal System	The proposed device must have atleast NTSC			
Minimum Illumination	The proposed device must be at least: (50 IRE) Color: 0.1 lx B/W: 0 lx, (30 IRE) Color: 0.06 lx B/W: 0 lx			
Dynamic Range	The proposed device must have at least equivalent to 56 dB			
Shutter Speed	Must be at least Auto/Manual 1/3 s-			

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	1/100,000 s	
Lens	The proposed device lens must be Built-in	
	varifocal lens	
Zoom Ratio	The proposed device can zoom must be at	
	least: Optical zoom 3x, Digital zoom 4x	
Horizontal / Vertical	The proposed device must have a viewing	
Viewing Angle	angle at least Horizontal: 115°–48° Vertical:	
	59°–27° Diagonal: 142°–55°	
Focal Length	The proposed device must at least be f =	
	2.7 mm to 12.0 mm	
IR Illuminator	The proposed device must have Wave	
	length: 850 nm , IR LED: 20 pieces	
IR Working Distance	Must be at least 30 m / 98 ft. (50 IRE)	
White-light LED Illuminator	The proposed device must have at least 4	
	pcs. of white-light LED	
Edge storage	The proposed device must have at least	
	64GB memory card slot.	
Vandal Resistant	The proposed device must have at least	
	IK8, IP67 rating.	
Frame Rate	Device frame rate must be at least:	
	Main stream: 2688 × 1520 (1 fps-25/30	
	fps) Sub stream: D1 (1 fps-25/30 fps) Third	
	stream: 1080p (1 fps-25/30 fps	
Bit Rate	The proposed device must be at least 2	
	Mbps to 32 Mbps	
Analytics Architecture	The proposed device must be at least NVR	
	Al	
ONVIF Conformance	The proposed device must be Profile S,	
	Profile T	
Authentication	The proposed device must be IEEE802.1X	

5. BULLET: Three (3) Units	The proposed bullet camera must have the following specifications below:	
Image Sensor	The proposed device must have at least	
	1/1,8" type progressive scan Back-	
	illuminated CMOS sensor	
Minimum Illumination	The proposed device must be: (50	
	IRE)Color: 0.1 lx B/W: 0 lx,(30 IRE)Color:	
	0.06 lx B/W: 0 lx	
Dynamic Range	Must have at least Equivalent to 56 dB	
Shutter Speed	The proposed device must be at least	
	Auto/Manual 1/3 s-1/100,000 s	
Lens	The proposed device lens must be built-in	

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	varifocal lens.	
Zoom Ratio	The proposed device must have: Optical	
	zoom 3x, Digital zoom 4x	
Horizontal / Vertical	The proposed device must be at least	
Viewing Angle	Horizontal: 107°-44° Vertical: 69°-29°	
	Diagonal: 134°–53°	
Focal Length	The proposed device must be at least f =	
	2.7 mm to 12.0 mm	
IR Illuminator	The proposed device must have at least 4	
	(IR LED)	
IR Working Distance	Must be (50 IRE) 30m / 98ft.	
Ingress Protection	The proposed device must be at least IP67	
	rating.	
Frame rate	H.264: 30 fps (1920 x 1080)	
	JPEG: 30 fps (1920 x 1080)	
Bit rate	The proposed device must be at least 2	
	Mbps to 32 Mbps	
Analytics Architecture	The proposed device must be NVR AI	
ONVIF Conformance	The proposed device must be Profile S,	
	Profile T compatible.	
Authentication	Must be IEEE802.1X	

6. RECORDER / N	IVR: Two (2) Units (Main and DR Site)	
Licensing	The proposed NVR license must be	
	Perpetual with 2 base license and 25	
	device licenses	
Features	The Number of cameras must not be	
	restricted.	
	The Number of recording server	
	must not be restricted.	
	The Maximum number of users must	
	not be restricted.	
	The proposed NVR must have dual	
	authorization	
	The proposed NVR can be viewed by	
	client application, web client and	
	mobile viewing.	
	The proposed NVR must be	
	compatible for Third-party	
	application and video analytics	
	integration.	
	The proposed NVR must be able to	
	support at least motion detection	
	with adjustable sensitivity for	
	analytics.	

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The proposed NVR must support	
H.264, H.265 MJPEG, MPEG-4, MPEG	
4 ASP & MxPEG video compression.	
The proposed NVR must be	
supported with Microsoft active	
directory/LDAP.	
The proposed NVR must have at	
least 16 bay HDD slots (128TB) or at	
least 90 days of days of video	
retention	
The proposed device must have at	
least Intel Quad-core Processor for	
system processor or equivalent.	
The proposed device must have at	
least 8GB for RAM memory	
The proposed device must have at	
least Linux Embedded OS	
The proposed NVR must have at	
least 2GB Ethernet port.	
The proposed NVR device storage	
must can be expanded through SAS	
and iSCI	
The proposed NVR must support	
RAID 0, 1, 1E, 3, 5, 6, 10 (0+1), 30,	
50, 60.	
The Proposed NVR must be multiple	
global or dedicated hot-spare drives	
with revertible option	
The proposed device must have	
email, buzzer, LEDs for event	
notification, SMS gateway	
integration(optional).	
The proposed NVR device must have	
redundant and hot swappable N+1	
power supply.	
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7. Other Requiremen	nts.	
	The proposed surveillance system must be brand new	
Safety regulations	JATE Technical standard (LAN), UL2044, IEC60950-1 (CB), VCCI (Class A, B), FCC (Class A, B), IC (Class A, B), Emission: EN55022 (Class A, B) + EN50130-4, Immunity: EN55022 (Class A, B) + EN55024, Emission: AS/NZS CISPR22 (Class A, B), EMC-TR, KCC	
Video Analytics	The device must have motion detection, face detection, tamper	

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	alarm, passing, intrusion, left object detection, removed object detection.	
Legacy	The proposed surveillance solution can be integrated with banks existing camera (HIKVISION DS-2CD271F-I).	
Training	The proposed surveillance solution must provide training and knowledge transfer to the end user at least one (1) day	
Bank's Compliance	The Vendor must comply with the requirements in relation to Third Party/Vendor Assessment conducted by the Bank.	
Video Monitor (2)	The proposed surveillance system must provide a video monitor at least 55 inch and specs below:	
	Display Resolution: 3840 x 2160	
	Video Processing: 4K X-Reality PRO	
	Backlight Module: Direct LED	
	Live Colour: Yes	
	Deep Color: No	
	Intelligent Image Enhancer: Integrated	
	Intelligent MPEG Noise Reduction: Integrated	
	Advanced Contrast Enhancer (ACE): Yes	
	24P True Cinema: Yes	
	Viewing Angle: 178(89/89) degree	
	Screen Format: 16:09	
	Connectivity	
	HDMI: 4 (4 Side)	
	USB 0: 2 (Side)	
	Ethernet Connection: 1 (Side)	
	Composite Video Input (s): 1 (Side, Mini jack)	
	RF Connection Input(s): 1 (Side)	

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Digital Audio Output (s): 1 (Side)	
Headphone Out: 1 (Side)	
Power	
Power Supply: 222 V - 240 V AC	
Power Consumption (Max): 196 W	
Dimensions	
Set Size with Stand (WxHxD):	
Approx. 1,243 x 787 x 338 mm	
Set Size without Stand (WxHxD):	
Approx. 1,243 x 719 x 71 mm	
Weight	
Set Weight with Stand: 16.6 kg	
Set Weight without Stand: 15.7 kg	

8. Maintenance and Support		12.00 mg	A Participation of the Control of th
Support	The vendor must provide 8/5 support services that includes telephone, email, and onsite support. Must be able to provide latest software, unlimited corrective maintenance activities including version upgrade and enhancement when necessary		
	The vendor must provide semi- annual product health check.		
	Must include onsite support for three (3) years for a severity one (1) issues. LBP SLA on incident and problem management will be observed		
	The Vendor must comply to the Bank's compliance requirements (eg. Technology Service Provider Assessment (TSP), Vendor Assessment Report (VAR), etc)		

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Warranty	The proposed surveillance solution must have three (3) years warranty	
9. Delivery Sche	dule and Payment terms	
Delivery	The vendor must be able to deliver the products within sixty (60) days after the notice to proceed (NTP).	

50% upon deliver of products, and

50% upon completion of installation.

Payment Terms

lO. Operational Requ	irements	
.0.1. Site Survey	10.1.a. Prior to submission of bidding	
	proposal, the vendor must	
	coordinate with LANDBANK-DCMD	
	to conduct a site survey for the	
	target installation site. Kindly	
	schedule with DCMD Secretary 3	
	days ahead of time for the site	
	survey details and contact person.	
	The survey is necessary to ensure	
	that the door access and monitoring	
	solution will be able to function	
	properly and according to	
	expectation.	
	The site inspection will be conducted	
	before pre-bid from Monday to	
	Friday 7:00am-3:00pm	
	Non-disclosure Agreement signed by	
	the bidder's authorized	
	representative must be submitted	
	two (2) calendar days prior to the	
	conduct of site inspection.	
	Certificate of Inspection will be	
	issued by DCMD Head for the	
	bidders who will conduct site	
	inspection which shall be form part	
	of the bid proposal.	
	10.1.b. The necessary operational	
	requirements will be part of the	
	bidding proposal and must not entail	
	additional cost to the Bank	

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July 5, 2022

PREPARED BY:

BERNARD MARIANO
Information Technology Officer
Data Center Management Department

CONFORME:

JAN (LAND)

Assistant Vice President, DCMD

Technical Specifications

Specifications

Statement of Compliance

Bidders must state below either "Comply" or "Not Comply" against each of the individual parameters of each Specification preferably stating the corresponding performance parameter of the product offered.

Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and crossreferenced 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 etc., 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 Bidders 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.

CCTV System for LANDBANK Offices in Malate and Quezon City

- 1. Specifications and other requirements per attached Revised Terms of Reference (Annexes D-1 and D-11).
- 2. The following documents shall be submitted in support of the compliance of the Bid to the technical specifications and other requirements:
 - a) Duly filled-out Terms of Reference signed by the Bidder's authorized representative.
 - b) Brochures or other official documents coming from the manufacturer indicating the specifications of the offered brand/model.

Non-submission of the above documents/requirements may result in the post-disqualification of the bidder.

Please state here either "Comply" or "Not Comply"

Conforme:		
_	Name of Bidder	
_		
	Signature over Printed Name of Authorized Representative	
	Position	

Checklist of Bidding Documents for Procurement of Goods and Services

The documents for each component should be arranged as per this Checklist. Kindly provide guides or dividers with appropriate labels.

Eligibility and Technical Components (PDF File)

- The Eligibility and Technical Component shall contain documents sequentially arranged as follows:
 - Eligibility Documents Class "A"

Legal Eligibility Documents

1. Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages).

Technical Eligibility Documents

- 2. Duly notarized Secretary's Certificate attesting that the signatory is the duly authorized representative of the prospective bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the prospective bidder in the bidding, if the prospective bidder is a corporation, partnership, cooperative, or joint venture or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder. (sample form Form No. 7).
- 3. Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid, within the last five (5) years from the date of submission and receipt of bids. The statement shall include all information required in the sample form (Form No. 3).
- 4. Statement of the prospective bidder identifying its Single Largest Completed Contract (SLCC) similar to the contract to be bid within the relevant period as provided in the Bidding Documents. The statement shall include all information required in the sample form (Form No. 4).

Financial Eligibility Documents

- 5. The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission.
- 6. The prospective bidder's computation for its Net Financial Contracting Capacity (NFCC) following the sample form (Form No. 5), or in the case of Procurement of Goods, a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Eligibility Documents – Class "B"

7. Duly signed valid joint venture agreement (JVA), in case the joint venture is already in existence. In the absence of a JVA, duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful shall be included in the bid. Failure to enter into a joint venture in the event of a contract award shall be ground for the forfeiture of the bid security. Each partner of the joint venture shall submit its legal eligibility documents. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance, provided, that

- the partner responsible to submit the NFCC shall likewise submit the statement of all its ongoing contracts and Audited Financial Statements.
- 8. For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos, Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- 9. Certification from the DTI if the Bidder claims preference as a Domestic Bidder.

Technical Documents

- 10. Bid Security (if in the form of a Surety Bond, submit also a certification issued by the Insurance Commission).
- 11. Section VI Schedule of Requirements with signature of bidder's authorized representative.
- 12. Revised Section VII Specifications with response on compliance and signature of bidder's authorized representative.
- 13. Duly notarized Omnibus Sworn Statement (OSS) (sample form Form No.6).
- Note: During the opening of the first bid envelope (Eligibility and Technical Component) only the above mentioned documents will be checked by the BAC if they are all present using a non-discretionary "pass/fail" criterion to determine each bidder's compliance with the documents required to be submitted for eligibility and the technical requirements.
- Other Documents to Support Compliance with Technical Specifications [must be submitted inside the first bid envelope (Eligibility and Technical Component)]
 - 14. Duly filled-out Terms of Reference signed by the Bidder's authorized representative.
 - 15. Brochures or other official documents coming from the manufacturer indicating the specifications of the offered brand/model.
- O Post-Qualification Documents/Requirements [The bidder may submit the following documents within five (5) calendar days after receipt of Notice of Post-Qualification]:
 - 16. Business Tax Returns per Revenue Regulations 3-2005 (BIR No.2550 Q) VAT or Percentage Tax Returns for the last two (2) quarters filed manually or through EFPS.
 - 17. Latest Income Tax Return filed manually or through EFPS.
 - 18. Original copy of Bid Security (if in the form of a Surety Bond, submit also a certification issued by the Insurance Commission).
 - 19. Original copy of duly notarized Omnibus Sworn Statement (OSS) (sample form Form No.6).
 - 20. Duly notarized Secretary's Certificate designating the authorized signatory in the Contract Agreement if the same is other than the bidder's authorized signatory in the bidding. (sample form Form No. 7).

Financial Component (PDF File)

- The Financial Component shall contain documents sequentially arranged as follows:
 - 1. Duly filled out Bid Form signed by the Bidder's authorized representative (sample form Form No.1).
 - 2. Duly filled out Schedule of Prices signed by the Bidder's authorized representative (sample form Form No.2).
 - 3. Duly filled out Bill of Quantities signed by the Bidder's authorized representative (Annex E).

Note: The forms attached to the Bidding Documents may be reproduced or reformatted provided the information required in the original forms and other requirements like signatures, if applicable, are complied with in the submittal.

Project Identification Number	LBP-HOBAC-ITB-GS-20220607-01
Project Name	CCTV System for LANDBANK Offices in malate
Subject	Responses to Bidder's Queries

	Responses
For Technical Component:	
a. Do we need to attached Annexes C-1 to C-8 to the Bidding Documents upon submission? Do we attach after the Conformity of Technical Specifications?	No need to attached the Annexes (Annexes C-1 to C-8 Procedure in Submission and Opening of Electronic Bid)
b. For Technical Specifications Annexes D-1 to D-11, based on your instructions to your Terms of Reference (TOR), how do we filled-out the REMARKS column if we answer YES? Are we just going to copy the REQUIREMENTS and paste it on the REMARKS column? If yes, we would like to request for the editable soft copy of your Terms of Reference (TOR) document.	If YES on the remarks column your response should be what has been submitted like proposal, SOW, or any documentary requirements where we can assess that you have met all the necessary specifications.
c. Kindly elaborate your Service Level Agreement that you put on Bill of Quantities for turn-around-time of On-site Support requirement.	Maintenance and Support Must include onsite support for three (3) years for Severity one (1) issues. LBP Service Level Agreement (SLA) on incident and problem management will be observed (issued revised Terms of Reference for Bid Bulletin)
d. How do you want our bid documents to be label if the documents is on PDF file?	File convention is indicated in ITB Clause 15 of the Bid Data Sheet Please use separator for each requirement for easy reference
2) For Financial Component	
We would like to request for the editable form of your Bill of Quantities	Bidding Documents including Annexes (Terms of Reference, Bill of Quantities etc.) are uploaded at PhilGEPS Website
	Editable forms are given to bidders who already bought the bidding documents
We are also requesting to extend the deadline of submission a week later on the intended date of submission of the bidding documents.	We will NOT allow extension since it will delay the committed timeline to close the audit findings.