

DEVELOPMENT BANK OF THE PHILIPPINES

TERMS OF REFERENCE

**SUPPLY, DELIVERY, INSTALLATION AND TESTING
OF CCTV SURVEILLANCE SYSTEM**

I. APPROVED BUDGET FOR THE CONTRACT

PESOS: TWO HUNDRED SEVENTEEN THOUSAND FIFTEEN AND 04/100 (P 217,015.04) INCLUSIVE OF ALL APPLICABLE TAXES

Description	Quantity	Amount
CCTV Surveillance System	1 lot	₱ 217,015.04

II. REQUIREMENTS

Particulars	Delivery Address
Supply, delivery, installation, testing and commissioning of one (1) lot CCTV system includes dismantling of existing CCTV system and restoration of affected finishes	DBP Ozamiz Branch Burgos cor. Zamora Sts. 50th Brgy., Ozamiz City

Note: Refer to attached Technical Specifications/Plans (Annex A).

III. CONDITIONS OF THE CONTRACT

1. The supplier shall conduct inspection and must submit shop drawings and brochures/specification sheets of devices/equipment for approval by DBP before purchase and/or installation. All items must conform with the standards implemented by the Bureau of Philippine Standards of the Department of Trade and Industry (DTI-BPS).
2. The supplier shall ensure that the items delivered are in accordance with the specifications required by the DBP. DBP has the right to reject delivery if item/s delivered were found to be defective and not according to the required specifications/model.
3. The DBP may terminate/cancel the Purchase Order (PO)/Notice to Proceed (NTP) should the supplier fail to deliver, perform and comply with its obligation.
4. **Delivery Period:** The Contractor shall complete all works within **thirty (30) calendar days** after receipt of PO/NTP.

IV. PAYMENT

1. **One-time, full payment** shall be issued upon completion/acceptance of all works.

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2. When the supplier fails to satisfactorily complete all works under the contract within the specified delivery schedule, inclusive of duly granted time extensions, if any, the supplier shall be liable for damages in an amount equal to one-tenth (1/10) of one percent (1%) of the cost of the delayed goods scheduled for delivery for every day of delay until such goods are finally delivered and accepted by DBP following the provisions stipulated in RA 12009.

V. WARRANTY

In order to assure that manufacturing defects shall be corrected by the supplier, a warranty shall be required from the contract awardee for a minimum period of **one (1) year** after completion/acceptance by the procuring entity of the delivered items.

Recommended by:

SIGNED

ENGR. DARWIN S. DE LEON
Property & Facilities Analyst

Reviewed and Approved by:

SIGNED

ENGR. JOSE FRANCISCO E. PEREZ
SM-OIC, CFMD
(per Group Order No. 3434 dated 02 October 2025)

STANDARD TECHNICAL SPECIFICATIONS

CCTV Surveillance System

Components/Particulars	Specification	
	16-channel	32-channel
1. 5MP Dome Type Camera		
- Camera Resolution	5MP @ 20fps, 4MP @25/3fps	
- Built-in IR LED	Yes	
- Lens Type	Fixed-focal	
- Focal Length	2.8mm;3.6mm ⁽¹⁾	
- Feature	Motion Detection ⁽²⁾	
- Network	Open Network Video Interface (ONVIF)	
- Power Supply	12V DC/PoE	
- Protection	Not less than IP66	
- Inclusive	Junction box, mounting bracket/s, other accessories necessary to operate the camera	
2. 5MP Bullet Type Camera		
- Camera resolution	5MP @ 20fps, 4MP @25/3fps	
- Built-in IR LED	Yes	
- Lens Type	Fixed-focal	
- Focal length	2.8mm;3.6mm ⁽³⁾	
- Feature	Motion Detection ⁽⁴⁾	
- Network	Open Network Video Interface (ONVIF)	
- Power Supply	12V DC/PoE	
- Protection	Not less than IP66	
- Inclusive	Junction box, mounting bracket/s, other accessories necessary to operate the camera	
3. Network Video Recorder w/ Internal HDD		
- Capacity	To meet 60 days real-time retention period	
- Interface	: SATA	
- Cache	: ≥ 256 MB	
- Transfer Rate	: ≥ 320MB/s	
- Operating Temp.	: ≥ 65°C	
- SATA Port	≥ 4 SATA ports, ≥ 8TB per disk	
- Channel Playback	16-Channel	32-Channel
- Resolution	5MP	
- Video Output	HDMI and VGA	
- Video Compression	H.256+/H.265	
- Multi-screen Display	Yes	
- Network	Open Network Video Interface (ONVIF)	
- Power Supply	100 to 240V AC, 50/60 Hz	
4. Back-up External Hard Drive w/ Attached Storage		
- Capacity	To meet 60 days real-time retention period	
- Interface	: SATA	
- Cache	: ≥ 256 MB	
- Transfer Rate	: ≥ 320MB/s	
- Operating Temp.	: ≥ 65°C	
- Interface	USB	
- Power Supply	100 to 240V AC, 50/60 Hz	
- Inclusive	USB cable, AC adapter, and quick install guide	

5. Wall-mounted 9U CCTV Cabinet	
- Color	Black, powder-coated Finish
- Built-in fan	Yes
- Inclusive	Lock and keys, fixed trays, and other mounting accessories
6. 32" CCTV Monitor	
- Display	LED Backlight
- Resolution	≥ 1080P
- Inputs	1-VGA, 1 -HDMI (minimum input)
- Aspect Ratio	16:19
- Power Supply	100 to 240V AC, 50/60 Hz
- Inclusive	Standard mounting brackets and stand
7. Power over Ethernet (POE) Switch	
- No. of Ports	16 32
- Interface	100Mb/s ports
- Long Distance Transmission	≥ 250m
- Power Supply	100 to 240V AC, 50/60 Hz
- Inclusive	Necessary accessories

¹Focal length of 3.6mm for Dome Type to cover the following critical areas: vault/cash safe, tellers, ingress of main door, and ingress of back door while the Focal length 2.8mm to cover the rest of the areas.

²24/7 recording for Dome Type in the vault/cash safe area. Additionally, Motion detection feature for Dome Type to all cameras except the above-mentioned 24/7 recording cameras.

³Focal length of 3.6mm for Bullet Type to cover the following critical areas: egress of main door, and egress of back door. Focal length of 2.8mm to cover rest of the areas

⁴24/7 recording for Bullet Type to the following areas: egress of main door, and egress of back door. Additionally, Motion detection feature for Bullet Type to all cameras except the above-mentioned 24/7 recording cameras