

SUPPLY, INSTALLATION, CONFIGURATION, TESTING, AND COMMISSIONING OF CCTV

I. BACKGROUND AND CONTEXT

The Quezon City Central Warehouse is a Local Government facility under City General Services Department currently located at #65 Scout Reyes St. Brgy. Paligsahan, Quezon City where appropriate issuances of commonly used supplies to different offices and departments are completed. Central Warehouse Management Division currently finds itself servicing both the executive and legislative offices of the QC Government in terms of receiving, recording, and issuance of supplies, and materials. Subsidiary ledger cards are sustained for monitoring purposes. QC CENTRAL WAREHOUSE under the Centralized Stocking Program has been conceived to provide for the immediate supply needs of the city's various administrative types of machinery while papers are being processed. This guarantees "non-delay" in the implementation of projects whether developmental or routinary.

All agencies are mandated to directly procure commonly use supplies and equipment from Procurement Service, Dept. of Budget and Management. Quezon City prescribing the functions thereof, and in line with the continuing thrusts of the City Government on Good Governance and on sound Financial Management for Local Government of Quezon City.

In the construction of this Warehouse Center, it is imminent that the CCTV facilities are in line with the standard requirements as mandated by the law and properly aligned to the city's mission and vision. Hence, security system is expected to be placed within the new Quezon City Central Warehouse.

II. PROJECT OBJECTIVES

The CCTV Security System **played** a vital role in the security, steadiness, and continuity of Inventory procedure of supplies stored in QC Warehouse. It will monitor various deliveries in the warehouse which can accommodate almost 20 - 30 Million worth of publicly bidded goods and commonly-used supplies' from DBM.

The purpose of CCTV monitoring is **to deter crime and to protect the safety and property of the Government.**

The goal of the CCTV system is **to enhance the safety and security of workers and visitors in the warehouse, while vigorously respecting the privacy rights of individuals.**

Advantages of CCTV

- **Peace of mind.**
- **Deterrent and crime prevention.**
- **Prosecution.**
- **Monitoring.**

III. SCOPE OF PROJECT

This project will be procured through “competitive bidding” under the category of goods. This method of procurement is open to participation by any interested party and which consists of the following processes: advertisement, pre- bid conference, eligibility screening of prospective bidders, receipt and opening of bids, evaluation of bids, post-qualification, and award of contract.

The **CLOSED-CIRCUIT TELEVISION (CCTV) SECURITY SYSTEM** scope is the installation of high-definition cameras within the vicinity of the warehouse, both indoor and outdoor, including cabling, network video recorder with hard drive installation, line connectivity for real time and mobile viewing, and supply of high-definition LED monitors with frames and shelving’s.

- **CCTV SECURITY SYSTEM**

- **Scope of Works**

- CCTV Installation for Four (4) Storey Building
 - **Electrical Works**
 - **Supply of Junction boxes** - IP65 water proof for indoor and outdoor CCTV Cameras - Size is 100mm x 100mm x 70mm / 150mm x 150mm x 70mm
 - **Supply of electrical PVC** - power guard pipe 20mm - Flexible hose - 1/2 or 3/4 x 50meters conduit
 - **Wirings and Supply of breakers**
 - Wirings - 305m CAT6 UTP Network Cable (Solid Copper, 0.53 mm, CM) - STRANDED WIRE THHN/THWN - 2. 150 METERS. gauge 14, 12,
 - Electrical Breakers - Electric Multi 9 C60SP MCB, 3P Poles, 50A Curve B, 440V AC, 15 kA Breaking Capacity
 - **Installation of CCTV**
 - 32 units of 1080P HD Network Cameras -
 - 1 /2.8” 2 MP progressive scan Exmor CMOS
 - H.265 & H.264 triple stream encoding
 - 60 fps @1080P HD (1920x1080)
 - Smart detection supported
 - WDR (120db) 3DNR, AWB, AGC, BLC
 - Full colored infrared / night vision
 - 3.6mm fixed lens
 - Max IR leds length 30 meters
 - IP67 , POE

- 32CH 2U NVR, 2SATA interface, H.265 Video Compression, 256Mbps Incoming Bandwidth 32-Channel IP Network Video Recorder
- Unmanaged 8 Port Network Switch
- 305m CAT6 UTP Network Cable (Solid Copper, 0.53 mm, CM)
- 1unit of 10TB 3.5" SATA 6 Gb/s Internal Hard Drive (ST10000VE0008)
- 900W-1500VA UPS with AVR Uninterruptible Power Supply (6 Sockets)
- **CCTV Monitoring Area**
 - 1 unit of TCL 65-inch 4K Resolution Google TV - 65P735 (HDR, Dolby Vision Atmos, Dolby Audio, Camera-ready, Hands-Free Voice Control, Google Assistant, Netflix, YouTube) since NVR is only consolidated to 1 unit for easier viewing -GEM Konstrukt's WPC Indoor Fluted Panel Cladding Wood Plastic Composite for walling - For shelving, 3/4 plywood will be used (Finishing with matte black paint)

- **INSTALLATION**

The supplier shall provide the necessary installation and setup of all deliverables.

- **GENERAL REQUIREMENTS**

- Supplier/Provider must have similar projects/contracts within 3 years, which are valued at least Fifty percent (50%) of the ABC.
- Supplier/Provider must provide a user's manual for the said project;

- **WARRANTY AND GUARANTEE REQUIREMENTS**

Quality assurance is expected from the SUPPLIER, such that any error or fault and installation tools delivered during the implementation shall be acted upon, resolved, mitigated, and/or replaced accordingly at no cost to the organization. Likewise, upon final project acceptance, the SUPPLIER is required to provide aftersales service and assurance that all equipment and installation are accurate, complete, operable, uncompromised, and error-free during the **one-year warranty period**.

IV. PROJECT DURATION

The project must be completed within **Sixty (60) calendar days from date of Issuance of Notice to Proceed.**

V. APPROVED BUDGET FOR THE CONTRACT

Source of Fund: **GENERAL FUND**

The approved budget for the Contract is:

ONE MILLION SIX HUNDRED SEVENTEEN THOUSAND THIRTY PESOS ONLY (P1,617,030.00)

VI. BASIS OF PAYMENT:

100% upon completion of project.

VII. PENALTIES FOR BREACH OF CONTRACT:

Failure to deliver the services according to the standards and requirements of the City shall constitute an offence and shall subject the Contractor to penalties and/or liquidated damages pursuant to RA 9184 and its revised Implementing Rules and Regulations.

VIII. CANCELLATION OR TERMINATION OF CONTRACT:

The guidelines contained in RA 9184 and its revised IRR shall be followed in the termination of any service contract. In the event the City terminated the Contract due to default insolvency, or for cause, it may enter into negotiated procurement pursuant to section 53(d) of RA 9184 and it's IRR.

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