



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 8639909  
**Procuring Entity** CITY OF SILAY, NEGROS OCCIDENTAL  
**Title** Purchase of closed circuit television for expansion of City -Wide Video Surveillance System over Fiber Optics of Silay City Intelligence Security.  
**Area of Delivery** Negros Occidental

<b>Solicitation Number:</b>	GOODS#0109,ITB#0108, PR#0301; SCG-2022	<b>Status</b>	<b>Pending</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	9
<b>Procurement Mode:</b>	Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b>	Goods	<b>Document Request List</b>	0
<b>Category:</b>	Security Surveillance and Detection Equipment	<b>Date Published</b>	03/05/2022
<b>Approved Budget for the Contract:</b>	PHP 20,997,730.00	<b>Last Updated / Time</b>	02/05/2022 14:58 PM
<b>Delivery Period:</b>	60 Day/s	<b>Closing Date / Time</b>	26/05/2022 14:30 PM
<b>Client Agency:</b>			
<b>Contact Person:</b>	Apollo Gamboa Gariando BAC Secretariat Zamora St., Silay City Negros Occidental Philippines 1600 63-034-4953746 63-034-4953746 apollo_gariando@yahoo.com		

#### Description

Republic of the Philippines  
 SILAY CITY GOVERNMENT  
 Zamora Street  
 Silay City, Negros Occidental  
 Telefax No. (034) 495-3746  
 Control Reference Number : GOODS#0109,ITB#0108, PR#0301; SCG-2022  
 Name of the Project: Purchase of closed circuit television for expansion of City -Wide Video Surveillance System over Fiber Optics of Silay City Intelligence Security.  
 Location of the Project : City Mayors Office ,Silay City.

Standard Form Number: SF-GOODS-05  
 Revised on: July 28, 2004

#### INVITATION TO APPLY FOR ELIGIBILITY AND TO BID

The SILAY CITY GOVERNMENT, through its Bids and Awards Committee (BAC), invites suppliers/manufacturers/distributors to apply for eligibility and to bid for the hereunder project:

Name of Project : Purchase of closed circuit television for expansion of City -Wide Video Surveillance System over

Fiber Optics of Silay City Intelligence Security.  
 Location : City Mayors Office, Silay City.  
 Brief Description :  
 Approved Budget For the Contract : Php20,997,730.00  
 Contract Duration :  
 Delivery Period :

Prospective bidders should have experience in undertaking a similar project with an amount of at least 25% of the proposed project for bidding. The Eligibility Check/Screening as well as the Preliminary Examination of Bids shall use non-discretionary "pass/fail" criteria. Post-qualification of the lowest calculated bid shall be conducted.

All particulars relative to Eligibility Statement and Screening, Bid Security, Performance Security, Pre-Bidding Conference(s), Evaluation of Bids, Post-Qualification and Award of Contract shall be governed by the pertinent provisions of R.A. 9184 and its Implementing Rules and Regulations (IRR).

The complete schedule of activities is listed, as follows:

**BAC ACTIVITIES SCHEDULE TIME / VENUE**

1 Issuance of Bids Documents May 3 - 26 ,2022 8:00 AM – 2:30 PM Bids & Awards Committee Office  
 2 Pre-bid Conference May 13, 2022 (Friday) 3:30 PM (PST)  
 Bids & Awards Committee Office, Silay City  
 3 Dropping of Bids

Opening of Bids May 26, 2022 (Thursday)

May 26, 2022 (Thursday) 1:30-2:30PM (PST)

2:30 PM (PST)

Bids & Awards Committee Office, Silay City

4 Bid Evaluation IRR R.A.9184-Rule IX Sec.32.4

5 Post Qualification, IRR R.A.9184-Rule X Sec.34

6 Notice of Awards IRR R.A.9184-Rule XI Sec.37

Bid Documents will be available only to eligible bidders upon payment of a non-refundable amount of TWENTY FIVE THOUSAND PESOS ONLY (Php 25,000.00) to the SILAY CITY GOVERNMENT Cashier.

The SILAY CITY GOVERNMENT assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bids.

Approved by:

LORY M. GUANI

Head (BAC Secretariat) Bids & Awards Committee Office, Silay City.

Posting in Website : May 3 - 26 ,2022

**Line Items**

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
1	Purchase of closed circuit television	for expansion of City -Wide Video Surveillance System over Fiber Optics of Silay City Intelligence Security.	1	Lump Sum	20,997,730.00

**Pre-bid Conference**

Date	Time	Venue
13/05/2022	3:30:00 PM	Bids & Awards Committee Office, Silay City

**Other Information**

**TERMS OF REFERENCE**

EXPANSION OF CITY WIDE VIDEO SURVEILLANCE SYSTEM OVER FIBER OPTIC OF SILAY INTELLIGENCE TRAFFIC & DISASTER MONITORING SYSTEM

**I. RATIONALE**

Closed circuit television (CCTV) is a surveillance technology. More specifically, it is an "a system in which a number of video cameras are connected in a closed circuit or loop, with the images produced being sent to a central television monitor or recorded." The term CCTV was originally used to differentiate public television broadcast and private camera monitoring networks.

Majority of the world's progressive cities have incorporated CCTV systems in traffic monitoring and surveillance of public places proving that these systems are now becoming more indispensable due to the following advantages.

CCTV reduces the number of field personnel needed to effectively monitor large public areas and multiple locations.

It is an effective tool for monitoring high density areas and major events since it provides a better perspective when cameras are placed at strategic locations.

Incidents can be recorded and conveniently reviewed as required for investigation.

It provides a mean of identifying offenders and subsequently prosecuting criminal activity.

CCTV prevents crime since a potential offender will have the perception of being monitored and eventually caught if a crime is committed.

It is very effective in monitoring and assisting in traffic control and safety.

Silay City is fast becoming a commercial and trading hub in Northern Negros brought about by its forward looking city government. The city has also experienced wider participation by its residents and guests in sports and cultural activities. All these activities have stretched the city administration's capabilities in monitoring and in maintaining peace and order.

## II. OBJECTIVES

Considering the importance and benefits of having an Electronic Surveillance system, it is proposed that a new system is installed for Silay City for the following purposes;

1. To improve the effectiveness of police and other order personnel in the surveillance of public places and events.
2. For the surveillance of the external premises of banks, money remittance and exchange centers and pawnshops which are concentrated along the Highway and the areas surrounding the Silay Commercial Center.
3. To provide a means of recording incidents and events at public places for review and investigation.
4. To provide a means of identifying offenders and subsequently prosecuting criminal activities.
5. To improve traffic monitoring at the City's main thoroughfare and around commercial centers and provides video recordings for traffic analysis.
6. To provide a means of real time monitoring of water levels at the City's three major rivers.
7. To establish a reliable local area network in the Silay City Hall. Furthermore, network expansion points should be placed along the strategic places that can support future network expansions of the city.

## III. QUALIFICATION REQUIRMENTS

A. The Bidder shall be involved in Security & Surveillance System with Network Integration and shall have at least 10 years' experience in undertaking similar project and a receipt of at least one (1) single contract of similar nature amounting to at least fifty percent (50%) of the ABC. Must attach proof or records of similar projects completed.

B. The Contractor must have technical knowledge to integrate the proposed CCTV system to existing surveillance system.

C. The Contractor must have a licensed Certified Professional Electronic Engineer (PECE) or Certified Electronic Engineer (ECE); and Certified System Software Engineer relative to the current and existing software being utilized by the Silay City government for its CCTV Operation.

D. The contractor shall submit a valid and current Certificate of Dealership/Resellership of the product being offered.

E. The contractor shall have a qualified safety officer certified by OHSAS/COSH during the implementation of the project. Certification must be submitted.

F. The Contractor must submit inspection certificate certified by IT department

Other documentary requirements to be submitted by bidder:

1. Certification of After Sales Support for the Network equipment indicating the replacement if the hardware is defective under warranty.
2. Brochures or Technical Data Sheet or equivalent document for the following items/equipment showing compliance with the required Technical Specifications:
  - a. LAN Switches
  - b. UTP Cable (indoor and outdoor)
  - c. HD IP Cameras (indoor and outdoor)
  - d. NVR/DVR
  - e. UPS
  - f. Wireless Distribution Devices

3. Proposed plans and design.

- a. Proposed Network Plan for CCTV System integrate to command center with details on outside plant installation
- b. Proposed Structured Cabling for the Data Center.
- c. Proposed Structured Cabling, Electrical Layout of the individual installations in the different CCTV Locations
- d. Proposed Topology and Design for CCTV and Local Area Network (wired and wireless).
4. Proposed Work Plan and Detailed Implementation Schedule for the project covering the whole period. Prospective bidders are required to conduct site inspection. This is to ensure the reliability, security and efficiency of the required services that the contractor shall perform. Timeframe should be specified for each activity to be done and shall include Gantt Chart Summary.
5. Documentation (As-built Diagrams)
  - a. Final Cabling Plan as built for Fiber Optic Backbone Cabling
  - b. Final Cabling Plan as Built Plan for the Data Center
  - c. Final Plan as built for Network/Structured Cabling/Floor Plan, Electrical Layout of the Individual CCTV Locations
  - d. Final Plan as built for CCTV and Local Area Network (wired & wireless)

Note: All plans and designs must be signed and sealed by a duly licensed Professional Electronics Engineer. (Refer to RA 9292)

The Contractor shall complete the delivery and installation of work within sixty (60) calendar days from the date of receipt of Notice to Proceed.

The completion schedule provided shall be considered extended under the following:

- a. Delays caused by force majeure events;
- b. In all cases, the period or number of days of extension shall be agreed upon with the SILAY CITY in writing;

c. Claims for time extension of the contract period due to force majeure shall be to approval by the SILAY CITY.

Force majeure includes events such as earthquake, flood, typhoon, cyclone, revolution, war and other cataclysmic phenomena of nature and misfortune which are beyond human prudence and foresight.

The Contractor shall guarantee that the entire structured cabling, networks and camera installation are free from all defective workmanship and materials, and will remain so for the period of:

a. 10 Years of Product Warranty from the Cabling Manufacturer of the Product Offered (for fiber optics) and 3 years for CAT 6 cable

b. Minimum One (1) Year Warranty on Workmanship and services

c. Minimum of three (3) years warranty on products (CCTV and networking devices)

Warranties shall commence upon inspection and acceptance of the system.

SILAY CITY shall not be responsible for lack of excess materials and equipment to be supplied by the winning Bidder. It shall be the sole responsibility of the winning bidder to assess and re-assess on the Materials to be supplied to the city and shall be SILAY CITY's property upon inspection and acceptance.

#### IV. DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR

##### A. Scope of Work and Activities

1. The contractor shall furnish all design, labor, materials, tools and equipment, and perform all operations necessary to complete the design, supply, delivery, installation, testing, and commissioning of MARKET SECURITY, SURVEILLANCE, & MONITORING SYSTEMS.

2. The contractor must provide demonstration and training for IT Personnel for the Network Equipment/switches, CCTV operation, basic trouble shooting for the Structured Cabling for at least five (5) days.

3. The Contractor shall provide warranty services within the warranty period. Provision of upgrades and patches to be installed free of charge during the warranty period. Bidder shall be responsible for all the cost related to the warranty period for hardware products.

4. The Contractor must have a local technician readily available within 24 hours, since this is vital for the operation and not to be hampered.

##### A.1 Detailed Scope of Work: Fiber Optic, Structured Cabling, Indoor/Outdoor Camera

1. Submission of Proposed Plan/Design for Fiber Optic Backbone Cabling, Structured Cabling & CCTV System.

2. Supply of labor, delivery and installation of various network equipment, cable and components

3. Conduct of site survey and provisions of appropriate site specifications for the supplied equipment.

4. Submission of the Bill of Materials for the project including software and hardware and its related network architecture.

5. Provision of the in-house wiring, from the cable entrance to the network rack where the NVR and monitoring system are located.

6. Supply delivery and pulling of Category 6A UTP (indoor and outdoor) cable and Fiber optic cable

7. Supply, delivery and installation CCTV posts in location where necessary.

8. Supply, delivery and installation of outdoor-rated (IP 65 Rated) communications box, conduits and other consumables and accessories for CCTV installation

9. Supply, delivery and installation of CCTV cameras (outdoor and indoor)

10. Submission of Project Management Plan

11. Provision of Technical documentation

12. Continuity Testing

13. End to end tagging and labeling

##### A.2 Monitoring & Data Center Setup: Scope of Work and Technical Specifications

1. Supply, delivery, installation, set-up and commissioning of the following equipment and materials:

a) Cable tray

b) Required Cables and other materials/accessories

c) Data Cabinet & Fixtures

d) Switches

e) NVR

f) 55" Display Device with wall amount brackets

g) Monitoring PC

h) UPS

i) Electrical Circuit Components which include but not limited to the following

- Circuit Breaker

- Power Outlets

- PVC conduits

- Power Outlets for all devices needed for monitoring

- Other electrical components needed in the center

##### B. Pre-installation

1. Submit Work Plan within five (5) working days upon receipt of Notice to Proceed

##### C. Installation

1. Supply, deliver and install the required components as specified in the Work Plan duly approved by SILAY CITY and with the following Technical Specifications of this TOR.

**Created by** Apollo Gamboa Gariando  
**Date Created** 02/05/2022

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