



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
MINDORO OCCIDENTAL DISTRICT ENGINEERING OFFICE
MIMAROPA REGION (IV-B)
Mamburao, Occidental Mindoro

PHILIPPINE BIDDING DOCUMENTS

Procurement of GOODS

24GEB0005

Purchase/Delivery/Installation of Materials and Equipments for the Upgrading of CCTV System DPWH Mindoro Occidental DEO

Bidding Date: May 15, 2024

**Sixth Edition
July 2020**

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.

- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means “delivered duty paid.”

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

Foreign-funded Procurement or Foreign-Assisted Project– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national

buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

Section I. Invitation to Bid

Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



INVITATION TO BID

1. The **Department of Public Works and Highways, Mindoro Occidental District Engineering Office, Mamburao, Occidental Mindoro**, through the **FY 2024 RA 11975 Regular 2024 Current** intends to apply the sum of the Approved Budget for the Contract (ABC) to payments under the contract/s for the hereunder project/s. Bids received in excess of the ABC shall be automatically rejected at bid opening.

1.a.	Contract ID	:	24GEB0005
b.	Contract Name	:	Purchase/Delivery/Installation of Materials and Equipments for the Upgrading of CCTV System DPWH Mindoro Occidental DEO
c.	Contract Location	:	Mamburao, Occidental Mindoro
d.	Scope of Work	:	Purchase/Delivery/Installation of Materials and Equipments for the Upgrading of CCTV System
e.	Approved Budget for the Contract (ABC)	:	₱ 2,895,561.00
f.	Source of Fund	:	FY 2024 RA 11975 Regular 2024 Current
g.	Place of Delivery	:	DPWH-Mamburao, Occidental Mindoro
h.	Contract Duration	:	90 C.D.

2.a.	Contract ID	:	24GEB0006
b.	Contract Name	:	Purchase & Delivery of Janitorial Supplies (1st-2nd Quarter) for use in DPWH Mindoro Occidental DEO
c.	Contract Location	:	Mamburao, Occidental Mindoro
d.	Scope of Work	:	Purchase & Delivery of Janitorial Supplies
e.	Approved Budget for the Contract (ABC)	:	₱ 960,000.00
f.	Source of Fund	:	FY 2024 RA 11975 Regular 2024 Current
g.	Place of Delivery	:	DPWH-Mamburao, Occidental Mindoro
h.	Contract Duration	:	30 C.D.

3.a.	Contract ID	:	24GEB0007
b.	Contract Name	:	Purchase of Diesel Fuel, Oil & Lubricants for use of Service Vehicles and Generator (1st Quarter) DPWH Mindoro Occidental DEO
c.	Contract Location	:	Mamburao, Occidental Mindoro
d.	Scope of Work	:	Purchase of Diesel Fuel, Oil & Lubricants for use of Service Vehicles and Generator
e.	Approved Budget for the Contract (ABC)	:	₱ 2,499,037.50
f.	Source of Fund	:	FY 2024 RA 11975 Regular 2024 Current
g.	Place of Delivery	:	DPWH-Mamburao, Occidental Mindoro
h.	Contract Duration	:	30 C.D.

4.a.	Contract ID	:	24GEB0008
b.	Contract Name	:	Purchase and Delivery of Materials for the Repair of DPWH Main Office Building & QAS Laboratory, DPWH Mindoro Occidental DEO
c.	Contract Location	:	Mamburao, Occidental Mindoro
d.	Scope of Work	:	Purchase and Delivery of Materials for the Repair of DPWH Main Office Building & QAS Laboratory
e.	Approved Budget for the Contract (ABC)	:	₱ 1,803,315.77
f.	Source of Fund	:	FY 2024 RA 11975 Regular 2024 Current
g.	Place of Delivery	:	DPWH-Mamburao, Occidental Mindoro
h.	Contract Duration	:	45 C.D.

- The **Department of Public Works and Highways, Mindoro Occidental District Engineering Office, Mamburao, Occidental Mindoro** now invites sealed bids from eligible Suppliers/Dealers/Manufacturers/ Distributors/ Contractors to apply to bid for the above project Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
- Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act".

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183 and subject to Commonwealth Act 138.

- Interested bidders may obtain further information from **Department of Public Works and Highways, Mindoro Occidental District Engineering Office, Ground Floor Main Bldg., Mamburao, Occidental Mindoro** and inspect the Bidding Documents at the address given below during **8:00 AM to 5:00 PM**.

A complete set of Bidding Documents may be acquired by interested Bidders on **April 24 – May 15, 2024** from the address below from and upon payment of applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **₱ 5,000.00** for **24GEB0005, 24GEB0007 and 24GEB0008** and **₱ 1,000.00** for **24GEB0006**. The Bidding Documents shall be received personally by the prospective Bidder or his authorized representative.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and DPWH website www.dpwh.gov.ph, provided that Bidders shall pay the nonrefundable fee for the Bidding Documents not later than the submission of their bids.

Interested Bidders are required to log-in and order at PhilGEPS and bring their original PhilGEPS Registration Certificate and a certified true copy upon purchase of bidding documents.

- Bids must be delivered to the address below on or before **9:00 A.M. on May 15, 2024**. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in the BDS, ITB Clause 18.1.

Bid opening shall be **immediately after the deadline of submission of bids** on **May 15, 2024** at **DPWH, Mindoro Occidental District Engineering Office, Procurement Office, Ground Floor Main Bldg., Mamburao, Occidental Mindoro**. Bids will be opened in the presence of the

Bidders' authorized representatives who choose to attend at the address below. Late bids shall not be accepted.

6. The **Department of Public Works and Highways, Mindoro Occidental District Engineering Office, Mamburao, Occidental Mindoro** will hold a Pre-Bid Conference¹ on **May 2, 2024 at 2:00 P.M.** at **DPWH, Mindoro Occidental DEO Procurement Conference Room, Ground Floor, Main Office Bldg., Mamburao, Occidental Mindoro**, and/or through video conferencing or webcasting *via Youtube Live* <https://www.youtube.com/@DPWHMindoroOccidental>, which shall be open to prospective bidders.
7. Only Bids from Bidders who pass the eligibility check will be opened. The process for the eligibility check is described in Section II of the Bidding Documents, Instructions to Bidders. The bidder with the lowest calculated bid (LCB) shall advance to the post-qualification stage in order to finally determine the responsiveness of the technical and financial requirements of the project. The contract shall then be awarded to the Lowest Calculated and Responsive Bidder (LCRB) who was determined as such during the post-qualification procedure.
8. The **DPWH, Mindoro Occidental District Engineering Office, Mamburao, Occidental Mindoro** reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.
9. For further information, please refer to:

CASIANA A. ABAD

Head, BAC Secretariat
DPWH, Mindoro Occidental DEO
Km. 407 Airport Road, Mamburao, Occidental Mindoro
Email Address: occidentalmindorobac@yahoo.com
Cellphone Number: 0956-495-3159

MA. THERESA J. PALIMA
BAC CHAIRPERSON

KVL RKSS GDJ APDV ERR

Dates of Publication: April 24 – May 15, 2024

DPWH Website, PhilGEPS Website
and DPWH-MODEO Bulletin Board

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

1. Scope of Bid

The Procuring Entity, *DPWH, Mindoro Occidental District Engineering Office* wishes to receive Bids for **24GEB0005: Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO**

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as “Project”) is composed of [*indicate number of lots or items*], the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for FY 2024 RA 11975 Regular 2024 Current in the amount of **P 2,895,561.00**

2.2. The source of funding is:

a. NGA, the General Appropriations Act or Special Appropriations.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and

obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
 - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
 - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - iii. When the Goods sought to be procured are not available from local suppliers; or
 - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA’s CPI, must be at least equivalent to:
 - a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

The Procuring Entity has prescribed that:

Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address *Youtube Page :DPWH Mindoro Occidental DEO Procurement Livestream* as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *Five (5) years*] prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.

- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
 - a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
 - ii. The cost of all customs duties and sales and other taxes already paid or payable;
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in the **BDS**.
 - b. For Goods offered from abroad:
 - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
 - ii. The price of other (incidental) services, if any, as listed in the **BDS**.

13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 13.2. Payment of the contract price shall be made in:
 - a. Philippine Pesos.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration² or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until *120 CD from the date of the opening of bids*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

- 16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

- 17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

- 17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

² In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

18. Domestic Preference

- 18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 14 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:

One Project having several items that shall be awarded as one contract.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

- 20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

- 21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Notes on the Bid Data Sheet

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ul style="list-style-type: none"> a. The bidder must have completed a single contract that is similar to this project equivalent to at least fifty percent 50% of the ABC b. completed within 5 years prior to the deadline for the submission and receipt of bids.
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP <i>Philippine Peso</i> .
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> a. The amount of not less than <i>two percent (2%) of ABC</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than <i>five percent (5%) of ABC</i>] if bid security is in Surety Bond.
19. 3	<p>The Project will be awarded by lot, list grouping of lots by specifying the group title, items, and the quantity for identified lot and the corresponding ABC for each lot. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by one the prospective Bidder.</p>
19.4	<i>AWARD IS ON A LUMP SUM BASIS.</i>
20.1	<i>All Class "A" Documents.</i>
21.1	<i>(List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.)</i>

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex “D” of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section VII (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

- 5.1 In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184. In the form of Retention money/ warranty Security or Special Bank Guarantee amounting to (2%) of the contract amount.
- 5.2 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

Special Conditions of Contract

GCC Clause	
1	<p><i>[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]</i></p> <p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered <i>[indicate place of destination]</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements). Presentation of sample product of Good before delivery and acceptance.</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is <i>[indicate name(s)]</i>.</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <p><i>Select appropriate requirements and delete the rest.</i></p> <ol style="list-style-type: none"> a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

	<p>e. training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.</p> <p>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p> <p>Spare Parts –</p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <p><i>Select appropriate requirements and delete the rest.</i></p> <ol style="list-style-type: none"> 1. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and 2. in the event of termination of production of the spare parts: <ol style="list-style-type: none"> i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested. <p>The spare parts and other components required are listed in Section VI (Schedule of Requirements) and the costs thereof are included in the contract price.</p> <p>The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of <i>[indicate here the time period specified]</i>.</p> <p>Spare parts or components shall be supplied as promptly as possible, but in any case, within months of placing the order.</p>
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	<p>Packaging –</p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods’ final destination and the absence of heavy handling facilities at all points in transit.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity Name of the Supplier Contract Description Final Destination Gross weight Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>

	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
	<p>Regular and Recurring Services – <i>[In case of contracts for regular and recurring services, state:]</i> “The contract for regular and recurring services shall be subject to a renewal whereby the performance evaluation of the service provider shall be conducted in accordance with Section VII. Technical specifications.”</p>
2.2	<p><i>[If partial payment is allowed, state]</i> “The terms of payment shall be as follows: _____.”</p>
4	<p>The inspections and tests that will be conducted are: <i>[Indicate the applicable inspections and tests]</i></p>

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

ITEM NUMBER	DESCRIPTION	QUANTITY	UNIT	DELIVERED, WEEKS/MONTHS
1	Network Video Recorder (NVR) H.265 64 Channels	<i>1</i>	<i>Unit</i>	
2	Indoor Camera IP 4.0 MP, 2.8mm lens,50M IR distance, H.265, WDR, audio, alarm, SD card slot, PoE, IP67, dome including labor for installation and commissioning	<i>16</i>	<i>Unit</i>	
3	Outdoor Camera IP 4.0 MP, 3.6mm lens,40M IR distance, full color lite, built-in mic, H.265, WDR, audio, alarm, SD card slot, PoE, IP67, bullet including labor for installation and commissioning.	<i>34</i>	<i>Unit</i>	
4	Powder-coated Galvanized Steel Camera Bracket	<i>50</i>	<i>pcs</i>	
5	SFP Switch 24 port L2 + Gigabit Managed 2	<i>1</i>	<i>Unit</i>	
6	SFP Switch 16 port L2 + Gigabit Managed 2	<i>4</i>	<i>unit</i>	
7	TV 46 inches 1080P Full HD LED with Bracket	<i>4</i>	<i>Unit</i>	
8	HDMI Cable 10 Meters	<i>4</i>	<i>pcs</i>	
9	Hard Disk Drive 8 TB for CCTV	<i>6</i>	<i>Unit</i>	
10	Steel Data Cabinet Wall Mounted with 2 exhaust fan set, power strip, 12U W=700mm D =700 mm	<i>3</i>	<i>Unit</i>	
11	Patch Panel loaded with connectors 24 ports, 1RU	<i>2</i>	<i>Unit</i>	
12	Patch Panel loaded with connectors 16 ports, 1U	<i>4</i>	<i>Unit</i>	
13	Patch cord factory crimp, 2 meters, orange	<i>100</i>	<i>Unit</i>	
14	Outdoor Fiber Optic Cable (2000M) 4-core including mobilization, labor for installation of FOC, layout, roughing-ins, testing and commissioning, services and warranty	<i>1</i>	<i>roll</i>	
15	Media Fiber Converter 4 Ports Gigabit	<i>1</i>	<i>Unit</i>	
16	Mediacon Fiber Ports Gigabit A & B with labor for Fusion	<i>3</i>	<i>Unit</i>	

	splicing OM4 and OTDR Testing per core			
17	Cat-6 Data Cable Outdoor and Weatherproof (305 m) including labor for: -Termination of nodes, harnessing, tagging and commissioning of cameras - Installation including civil works (trenching, hand holes and covers	5	roll	
18	UPS, rack mountable 2U, 3000 VA, with extended battery module (see attached specifications) with mobilization and installation	1	unit	
19	UPS, rack mountable 2U, 2000 VA, with extended battery module (see attached specifications) with mobilization and installation	4	unit	
20	Flat cord #16 150m	2	rolls	
21	PVC Pipe 3/4	300	pcs	
22	PVC Elbow 3/4	200	pcs	
23	Cable Tie (Industrial Type)	10	pack	
24	Cable Clamp 3/4	10	pack	
25	Electrical Tape	10	pcs	
26	Junction Box	80	pcs	
27	Modular Box	30	pcs	
	Note: Please see attached specifications of UPS and D.O. no. 245 series of 2015 for specifications (DPWH Standard Specification for ITEM 1212 - Closed-Circuit Television (CCTV) System			



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
MANILA

097.13 DPWH
12.29.2016

28 DEC 2016


DEPARTMENT ORDER)
245)
No.)
Series of 2016)

SUBJECT: DPWH Standard Specification for
ITEM 1212 – Closed-Circuit
Television (CCTV) System

In line with the mandate of the Department in providing effective standard specifications in the implementation of various infrastructure projects and in view of the need of setting a standard specification for closed-circuit television system, the attached **DPWH Standard Specification for Item 1212 – Closed-Circuit Television (CCTV) System** is hereby prescribed, for the guidance and compliance of all concerned.

This specification shall form part of the on-going revision of the DPWH Standard Specifications for Public Works Structures (Buildings, Ports and Harbors, Flood Control and Drainage Structures and Water Supply Systems), Volume III, 1995 Edition.

This Order shall take effect immediately.


RAFAEL C. YABUT
Senior Undersecretary
Officer-In-Charge

14.1.2 FET/JFS

Department of Public Works and Highways
Office of the Secretary



WIN6U01410

DPWH Standard Specification for Item 1212 – Closed-Circuit Television System

1212.1 Description

This Item shall consist of furnishing all materials and supplies, tools, equipment including all labor and orientation required for the complete installation of the Closed-Circuit Television (CCTV) System in accordance with approved Plans and Specifications. The system shall consist of but not limited to the following:

Internet Protocol (IP) Cameras, Weatherproof Cameras, Pinhole and Movable Cameras, Network Video Recorder (NVR), Digital Video Recorder (DVR), Video Monitors such as Liquid Crystal Display (LCD) / Light Emitting Diode (LED) Monitor, Power/Data Cables and Connectors, Power Supply or UPS, Servers and Console.

1212.1.1 Definition

For the purpose of this Item, the following definitions shall apply.

Analog Camera – Camera that capture images and transmit them through a coaxial video cable to be received by an analog device, such as a monitor or recorder.

Internet Protocol (IP) or Network Camera – A type of digital video camera that captures images and transmits them digitally through an Ethernet connection to a computer or similar device. The two kinds of IP cameras are the *Centralized IP Cameras*, which require a central NVR to handle video recording and alarm management; and the *Decentralized IP Cameras*, which do not require a central NVR since it has built-in recording function and thus can record directly to any standard storage media, such as SD cards, network-attached storage (NAS) or a PC/server.

Dome Cameras – Either ceiling mounted or suspended from a wall mounted bracket depending on the application and the field of view required. The camera unit is mounted inside a transparent dome which can be tinted to obscure the camera position. Dome cameras come in a wide variety of forms. They can be analog or IP, fixed or mobile.

Pinhole Cameras - A simple camera without a lens but with a tiny aperture (a hole or an opening through which light travels), a pinhole – effectively a light-proof box with a small hole in one side. Light from a scene passes through the aperture and projects an inverted image on the opposite side of the box, which is known as the camera obscura effect (pinhole image).

Varifocal Lens - A camera lens with variable focal length in which the focus changes as focal length (and magnification) changes, as compared to parfocal ("true") zoom lens, which remains in focus as the lens zooms (focal length and magnification change).

Network Video Servers – Also known as IP video servers, turn any CCTV camera (with a standard BNC output) into a network security camera. It translates the analog signal from CCTV cameras into a digital and IP based video stream capable of being broadcasted over an IP network.

1212.1.2 Quality Control

1212.1.2.1 Materials and Manufacturer

CCTV System shall comply with the requirements of the current editions of referenced electronics codes and standards, such as Philippine Electronics Code (PEC) which shall be used for establishing the minimum quality of the materials and equipment supplied and installed.

All materials/equipment shall be brand new and shall be an International Brand Name with existence of at least five (5) years in the Philippines. It is of the same type and shall be produced by the same manufacturer, who is a regular and current designer and manufacturer of similar materials/equipment. Unit model shall be in the current catalog and not end-of-life.

1212.1.2.2 Installation and Maintenance

The system components shall be of modular design as to allow ease of installation, service, future expansion, upgrades and addition to the system.

It shall also be designed in such a manner that the maintenance and repair will be done with ease and the access to critical parts does not require major dismantling. Internal field adjustments, where permitted or required herein, shall be easily accessible upon removal of a panel or cover.

1212.1.3 Submittals

The Contractor shall submit all related documents which shall be subjected to the approval of the Engineer. The final documentation shall be submitted by the Contractor based on the Engineer's comments.

1212.1.3.1 Product Data

The contractor shall submit two (2) sets of Manufacturer's User's Manuals and Installation Manuals, which includes but not limited to procedures, sequences, tolerances and precautions. One (1) copy shall be for the Project Engineer and one (1) for the end user. One (1) set of soft copy shall also be submitted as a backup file. Submitted manuals must be up-to-date and reflects any changes which occurred during installation. Contents shall include, but not limited to, the following information:

1. Identification of items or components furnished on the job by tag number, model number and manufacturer.
2. Complete description, function, specifications, descriptive literature on the CCTV components and statement as to whether the item is "as specified" or "equivalent".
3. Manufacturer's original catalog and technical data sheets for all components.
4. Input power requirements for all system components.
5. Number and sizing of electrical conduit and cables.

6. Parts list and spare parts to be provided/recommended.
7. Material, test and calibration certificates.
8. Recommended procedure for protection of equipment against damage, prior to installation.
9. Operational procedures and shut-down procedures.
10. Maintenance, calibration, and troubleshooting instructions.
11. Detailed circuit operational description including annotated programmable controller ladder diagrams.

1212.1.3.2 Drawings

The Contractor shall submit a complete engineered drawings and shop drawings to the Engineer. The submitted shop drawings shall be of complete systems and not pieces of equipment from various systems. This include, but not limited to, the following:

1. Dimensions and layouts.
2. Complete schematic and wiring and equipment installation diagram, the point-to-point wiring diagrams for all system devices.
3. Termination details for all system devices.
4. Single-line system architecture drawings representing the entire system.
5. Interfaces with all sub-systems.
6. Complete system diagram showing required components, routing through in-plant duct bank system.

The Contractor shall submit record drawings of work as actually constructed, complete with schematics, wiring diagrams, installation drawings and other pertinent details as specified in this section.

1212.2 Materials Requirements

The system shall be a stand-alone that is capable of being linked to a site wide system. A typical CCTV system for a building should be comprised of color cameras, lenses, monitors, pan-tilt-zoom cameras and controllers, and all necessary cables and accessories for a fully functional system.

The CCTV camera installed shall be capable of allowing the operator to do the following: freeze any of the cameras on the monitor or bypass any of the cameras; operate the three functions for each camera using the pan/tilt/zoom remote controller and lens remote controller; and zoom the desired areas.

1212.2.1 Camera View Classification/Application

The CCTV Camera installed for a particular purpose shall provide standard object views or application in the monitor/screen such as the following:

A. For Identification:

The object shall be at least 120% of the screen height. The "head-shoulder image" view shall have a picture quality and detail sufficient to identify a person.

B. For Monitoring:

The object shall be at least 5% of the screen height. This view shall be used to monitor the number, direction and speed of movement of people or objects across a wide area.

C. For License Plate Identification:

The displayed image of the vehicle shall not be less than 50% of the monitor/screen height, for clear viewing/identification.

1212.2.2 Minimum Requirements of CCTV System Components

1212.2.2.1 Cameras

A. Indoor Camera

The indoor camera shall have the following types and minimum requirements:

Table 1. Minimum Requirements of Indoor Camera

	Requirements	
Camera Type	IP Camera Dome Type/Bullet Type	Analog Camera Dome Type/Bullet Type
Image Device	"1/3" Progressive Scan CMOS	"1/3" 1 Megapixel CMOS
Resolution	720P (1280x720)	720P (1280x720)
Lens	Varifocal, 4 mm length	Varifocal, 4mm length
Day/Night	IR cut filter for day & night surveillance	IR cut filter for day & night surveillance
IR Led	IR Led Illuminator with 10-meter effective viewing range	IR Led Illuminator with 10-meter effective viewing range
Frame Rate	30 frames per second (fps)	30 frames per second (fps)
Video Compression	H.264/MJPEG/MPEG4/AVI	H.264/MJPEG/MPEG4/AVI
Alarm	Motion Detection, Network Disconnection, IP Address Conflict	Motion detection
Ethernet	10/100 Fast Ethernet, 802.3af (PoE)	N/A
I/O Port	RJ45 (LAN), PoE	Video/Power
Remote Access	PC (Windows OS) or Mobile devices (Android or IOS)	N/A
Storage	Local PC/Server, NAS or NVR	Local PC/Server, DVR
Power	12VDC, 24VAC PoE	12VDC/24VAC

Table 1. Minimum Requirements of Indoor Camera

Camera Type	Requirements	
	IP Camera Dome Type/Bullet Type	Analog Camera Dome Type/Bullet Type
Camera Posture	Axis (Pan-355°, Tilt-50°, Rotation-355° for Dome Type); (Pan, Tilt, Rotation for Bullet Type)	Axis (Pan-355°, Tilt-50°, Rotation-355° for Dome Type); (Pan, Tilt, Rotation for Bullet Type)
Mounting Type	Ceiling (Dome), Wall and Ceiling (Bullet w/ bracket)	Ceiling (Dome), Wall and Ceiling (Bullet with bracket)

IR – Infrared
PoE – Power over Ethernet
LAN – Local Area Network

NAS - Network Attached Storage
NVR - Network Video Recorder
DVR - Digital Video Recorder

B. Outdoor Camera

The outdoor camera shall have the following types and minimum requirements:

Table 2. Minimum Requirements of Outdoor Camera

Camera Type	Requirements	
	IP Camera Weatherproof	Analog Weatherproof Camera
Image Device	"1/3" Progressive Scan CMOS	"1/3" 1 Megapixel CMOS
Resolution	720P (1280x720)	720P (1280x720)
Lens	Varifocal, 4mm length	Varifocal, 4MM length
Day/Night	IR cut filter for day & night surveillance	IR cut filter for day & night surveillance
IR Led	IR Led Illuminator with 15-meter effective viewing range	IR Led Illuminator with 15-meter effective viewing range
Frame Rate	30 frames per second (fps)	30 frames per second (fps)
Video Compression	H.264/MJPEG/MPEG4/AVI	H.264/MJPEG/MPEG4/AVI
Alarm	Motion Detection, Network Disconnection, IP Address Conflict	Motion detection
Ethernet	10/100 Fast Ethernet, 802.3af Power over Ethernet (PoE)	N/A
I/O Port	RJ45 (LAN), PoE	Video/Power
Remote Access	PC (Windows OS) or Mobile devices (Android or IOS)	N/A
Storage	Local PC/Server, Network Attached Storage (NAS) or Network Video Recorder (NVR)	Local PC/Server, Digital Video Recorder (DVR)
Power	12VDC, 24VAC PoE	12VDC/24VAC
Mounting Type	Ceiling/Wall	Ceiling
Housing	Weatherproof/Waterproof/Airtight	Weatherproof/Waterproof/Airtight

1212.2.2.2 Video Recorders

The NVR shall be used to connect centralized IP cameras to handle the recording, video and alarm management. While the DVR shall be used to connect analog cameras. The minimum requirements are as follows:

Table 3. Minimum Requirements of Video Recorder

	Requirements	
Video Recorder	Network Video Recorder	Digital Video Recorder
IP Camera Input	8 Channels	8 Channels
Video Resolution	1280x720p	1280x720p
Hard Drive	2 x 4TB SATA Hard Drive	2 x 4TB SATA Hard Drive
Ethernet	10/100/1000Mbps	10/100/1000Mbps
I/O Ports	RJ45(LAN) HDMI, VGA, USB 2.0/3.0, 8POE Ports, Audio I/O	RJ45(LAN) HDMI, VGA, USB 2.0/3.0, 8POE Ports, Audio I/O
Remote Access	Local PC/Sever, Mobile Devices (Android/IOS)	Local PC/Sever, Mobile Devices (Android/IOS)
Backup	External Storage devices (USB Drive, External Drive), Local PC/Server, NAS via LAN	External Storage devices (USB Drive, External Drive), Local PC/Server, NAS via LAN

The video recorders shall be provided for storage of camera video data, which is made available for viewing in the monitors. The monitors shall be able to display the picture of associated cameras in a multi-screen format and sequence, and the identification of the camera on the corner of the screen to enable the operator to identify the area.

It shall have the capacity to store the recorded picture for a duration of minimum of 30 days on the hard disk. The recorded images shall be exported to external storage devices (USB Drive, External Drive), Local PC/Server, NAS via LAN.

NVRs shall be preinstalled with video management software or shall be installed with compatible software versions.

Suitable control desks shall be provided to house the monitors, video servers and control equipment.

1212.2.2.3 Liquid Crystal Display (LCD)/Light Emitting Diode (LED) Backlight Monitor

The monitor shall be LCD/LED backlight with 55.88 cm screen size or bigger with a minimum of full HD resolution (1080p). It shall be used to display video recording and shall be connected on the NVR/DVR thru Video Graphics Acceleration (VGA) cable and High-Definition Multimedia Interface (HDMI) cable. It shall have digital controls and integrated speakers and the system shall provide looping video and audio output.

1212.2.2.4 Power/Data Cables and Connectors

A. Unshielded Twisted Pair (UTP) Cable with RJ45 Connector

The UTP cable shall be CAT-6 with 100 Base-T, which shall be used to connect the devices to the network for remote accessibility.

B. British Naval Connector (BNC) Video/Power Cable with Connector

The BNC video/power cable shall be used to transmit video signals and power supply for the CCTV IP cameras. It shall consist of power and RCA/BNC connectors. The cable shall also be used in connecting analog cameras to the DVR.

C. RG59 Coaxial Cable

RG59 CCTV cable shall allow installer to run both video and power to cameras using a single cable run, wherein the video runs in RG59 Coax cable while the AC or DC power run through the 18-gauge pair. It shall have, but not limiting to the following characteristics:

- a. works with twist-on, crimp-on, and compression BNC connectors;
- b. can be cut to exact length;
- c. can be run up to 305 m without amplification; and
- d. heavily shielded to minimize interference.

1212.2.2.5 Centralized Power Supply with Uninterruptible Power Supply (UPS)

The UPS shall be the back-up power in case of power interruption. It shall have a 1000 VA/800W capacity, whichever is applicable per approved design and an Automatic Voltage Regulator (AVR) function. The working voltage shall be 100V AC to 240V AC (Auto Volt) @ 50 to 60Hz, whichever is applicable per approved design.

The unit shall have a minimum of four (4) surge/battery protected outlets, and offers connectivity thru at least one (1) Human Interface Device (HID) USB and one (1) serial port, as well as protection for phone/network (RJ45) and cable/coax (RG-59).

1212.2.2.6 Control Console

Provide appropriate control console for CCTV, Access Control System, etc. at the Control room as indicated on the drawing. Size and type shall be as per the requirements of providing monitors and control equipment as specified and as shown on the related drawings. It shall be subject to the approval of the Engineer.

1212.2.2.7 Server

It shall use standard BNC output (Ethernet or CAT-6 output). It shall have a built-in software that allows the users to connect to their cameras through a standard browser. The software shall be compatible with video server and with Internet Explorer, Mozilla Firefox or Chrome. Properties shall be in accordance with Manufacturer's requirements.

1212.3 Construction Requirements

Location of the cameras shall be as per the detailed design and shall be, in general, as indicated in the CCTV system layout drawing and schematic diagram. All specific CCTV camera locations shall be selected to provide a view of the maximum amount of space. All electrical installation for the CCTV system shall be executed in accordance with the provisions of the approved Plan.

It shall be ensured that the equipment supplied under this Item is compatible with the other Items related to these specifications and that the signal transmission methods are compatible.

1212.3.1 Camera Location

CCTV Camera

1. CCTV camera shall be installed in activity areas and to any point of the entrance or exit of the premise (Monitoring View), as well as in establishments that have car park.
2. CCTV camera shall be installed in covered establishments where it can capture good image: Identification View ("Head and Shoulders") for analog or VGA IP cameras and Whole Body View for IP cameras with megapixel resolution.
3. There shall be sufficient lighting in all locations covered by the camera, otherwise infrared (IR) cameras shall be installed for dark locations with 0.0 Lux. Table 4. shows the Lux required in a surveillance or CCTV camera for a particular outdoor lighting condition.

Table 4. Lux Ratings for Light Conditions

	Light Condition	Light Level (Lux)
Daylight Range	Sunlight	107,527
	Daylight	10,752.70
	Overcast Day	1,075.30
	Very Dark Day	107.53
	Twilight	10.75
	Deep Twilight	1.08
Low Light Level Range	Full Moon	0.108
	Quarter Moon	0.0108
	Starlight	0.0011
	Overcast Night	0.0001

4. CCTV Camera shall not be installed in private areas such as, but not limited to toilet/comfort rooms and hotel rooms.

1212.3.2 Recorder Location and Digital/Network Video Recording Workstation

Recorders shall be placed in a secured location or enclosure with proper ventilation (server room).

Workstation shall be a modern PC computer running the latest Windows operating system or at least Windows XP Professional. It shall be fully equipped with the DVR and Network Software. The workstation shall require an external monitor for operation and shall be housed in a mid-height tower case with all suitable connectors available on the back panel. It shall be constructed using steel and plastic materials in a beige-color exterior. The workstation shall employ a UPS and AVR requiring 100- 240V AC at 50-60 Hz.

Contractor shall submit the technical data sheets of the proposed computers with supporting documents verifying that its configuration complies with the requirements of NVR and management software and to the whole project.

Other methodologies shall be executed as per manufacturer's applicable recommended specifications and installation guidelines.

1212.4 Delivery, Storage and Handling

CCTV system shall be delivered, handled and stored as recommended by the manufacturer, together with the following provisions:

1. It shall be transported, handled and stored carefully in such a way which avoids product damage.
2. It shall not be stored directly on floor store room. Adequate timber blocking shall be used to provide sufficient support.
3. It shall be covered as directed by the Engineer.
4. It shall be inspected upon delivery and any damage shall be reported immediately to the Engineer.
 - a. Any equipment damaged during delivery, storage or installation shall be marked and set aside.
 - b. Proposals for repair of any damaged equipment shall be submitted in writing to the Engineer for approval.
 - c. No repairs to damaged equipment shall be attempted without the Engineer's approval.
 - d. Any damaged equipment deemed unsuitable for repair as suggested by the Engineer shall be removed from site and replaced at the Contractor's expense.

1212.5 Test and Guarantee/Warranty

Upon completion of the installation of this Item, the Contractor shall provide all test equipment and personnel, and shall submit written copies of all the test results which includes:

1. Identification, the head shoulder image view, shall have picture quality and details sufficient to identify a person;
2. IR camera shall be able to capture images/videos on low light to completely dark areas or at night;
3. IR camera and recorder shall be able to record images/videos depending on the configuration of the recording mode such as motion detection or schedule recording;
4. Recorder shall be set on the actual date and time;
5. Recorder shall be able to trigger the alarm when there are incidents like video lost, network disconnection or undetected hard drive;
6. The system shall have the capability to resume recording in case of system restart;
7. The system shall be able to produce copy of the images/videos without disrupting the recording;
8. The system shall be able to search for recorded images/videos and shall be capable for playback without disrupting the recording;
9. The system shall be accessed remotely thru a PC using video management software or any software provided by the Contractor, and it shall be compatible with any internet browsers such as Internet Explorer, Mozilla and Chrome;
10. The system shall be able to export back-up thru external devices (like USB Drive, Hard Drive) or local PC and shall be loseless or transferred without loss of quality and playable at least on Windows OS;
11. The UPS shall be able to last at least thirty (30) minutes when power interruption occurs.

Testing shall be comprehensive and sufficient to demonstrate compliance with each requirement and as per system manufacturer recommendations.

The Contractor shall guarantee the electrical installation are done and in accordance with the approved Plans and Specifications.

The Contractor shall a provide training course for the operator conducted by the qualified/trained professional instructor, at no additional cost.

The Contractor shall provide warranty for the entire CCTV system for a period of one (1) year or twelve (12) months from the date of final acceptance of the system by the Engineer. The warranty includes, but not limited to the following:

1. All components shall be free of defects in materials and in workmanship. Defective components shall be replaced or repaired as required without cost to the Owner.
2. There shall be a response team that will respond to service request on-site, if required.
3. There shall be assigned personnel responsible for routine and breakdown maintenance of the equipment during the warranty.

1212.6 Method of Measurements

The work under this Item shall be measured either by lump sum, meter, unit and set of what is actually placed and installed as shown on the approved Plans and accepted to the satisfaction of the Engineer. In computing the quantity, the dimensions shall be those as measured in place and completed based on the preceding requirements.

1212.7 Basis of Payment

All works performed, accepted quantity measured as prescribed in Section 1212.6 and as provided in the Bill of Quantities, shall be paid for at the Contract Unit Price for Closed-Circuit Television System which price and payment shall be full compensation for furnishing and placing all materials, including all labor, equipment, tools and incidentals necessary to complete the work prescribed in this Item.

Payment will be made under:

Pay Item Number	Description	Unit of Measurement
1212 (1)	CCTV System	Lump Sum
1212 (2)	IP-Fixed Dome Camera	Set
1212 (3)	IP-Pinhole Type Camera	Set
1212 (4)	Movable Camera	Set
1212 (5)	Weather Proof Camera	Set
1212 (6)	Data Video Recorder	Set
1212 (7)	Network Video Recorder	Set
1212 (8)	Centralized Power Supply with UPS	Set
1212 (9)	LCD, LED Monitor	Set
1212 (10)	CCTV Console	Set
1212 (11)	Server CCTV	Unit
1212 (12)	RG59 Coaxial Cable	Meter

References:

1. *Parsons International Limited. Saadiyat Island Project. Section 13400 & 13750 Master Specifications (November 2006).*
2. *CCTV Camera Council. Office of the Mayor, Iloilo City. Resolution No. 20 Series of 2012. "A Resolution Adopting a Policies and Procedures Manual Setting Up the Criteria and Standards for CCTV Cameras and Monitors."*
3. *Internet : www.cctvcamerapros.com; www.videosurveillance.com; www.wecusurveillance.com; www.2mcctv.com; www.cctvcare.com*



Name of Equipment: UPS (2000va) for Floor Distributor

Description: Continuous power supply and data loss prevention

Main Equipment Components

Specification

Power Ratings

2000VA/1800W
230V - Input/Output Voltage
10 minutes back-up power at half load (internal batteries only)
5 hours recharge time (internal batteries only)

Battery Type

Lead Acid batteries

IO Ports

USB, RJ45 / SNMP Card

Outlets

4 power output / connectors

Features

Built-in Automatic Voltage Regulator (AVR), Automatic Self Test (built-in), Alarms (On line, on battery, replacement battery, and overload)

Software

Management Software

Built-in or with media installer monitoring tool and diagnostic software accessible via desktop application and/or web browser

Accessories

Specification

Mounting Kit

Manufacturer's Standard

Battery Module

1 Extended Battery Module

Cables and Connectors

All necessary cables and connectors

Other Requirements:

Brand and Model: Must be an International Brand Name with existence of at least five (5) years in the Philippines. Unit model must be in current catalog and not end-of-life. Manufacturer's certificate is required.

Documentation and Media: The equipment shall be supplied with the standard manufacturer documentation, on any electronic storage media and hard copy version where available.

Warranty and Maintenance: The Supplier is required to provide a three (3) year warranty for parts and on-site labor from the date of the Inspection and Acceptance Report.

Technical Support: The local technical support shall include telephone and email, 8 hours per day (8:00am - 5:00pm) 5 days a week (Monday - Friday) for problem resolution. Support shall have a response time of next business day.

Prepared by:

Checked by:

MARY JANE N. PANTOJA
Chief, Business Innovation Division

RHALF B. CAWALING
Director, Information Management Service

Approved by:

ADOR G. CANLAS, CESO IV
Undersecretary for Technical Services
and Information Management Service



Name of Equipment: UPS (3000va) for Network Room / Building Distributor

Description: Continuous power supply and data loss prevention

Main Equipment Components

Specification

Power Ratings

3000VA/2700W
230V - Input/Output Voltage
13 minutes back-up power at half load (internal batteries only)
3 hours recharge time (internal batteries only)

Battery Type

Lead Acid batteries

IO Ports

USB, RJ45 / SNMP Card

Outlets

6 power output / connectors

Features

Built-in Automatic Voltage Regulator (AVR), Automatic Self Test (built-in), Alarms (On line, on battery, replacement battery, and overload)

Software

Management Software

Built-in or with media installer monitoring tool and diagnostic software accessible via desktop application and/or web browser

Accessories

Specification

Mounting Kit

Manufacturer's Standard

Battery Module

1 Extended Battery Module

Cables and Connectors

All necessary cables and connectors

Other Requirements:

Brand and Model: Must be an International Brand Name with existence of at least five (5) years in the Philippines. Unit model must be in current catalog and not end-of-life. Manufacturer's certificate is required.

Documentation and Media: The equipment shall be supplied with the standard manufacturer documentation, on any electronic storage media and hard copy version where available.

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Technical Support: The local technical support shall include telephone and email, 8 hours per day (8:00am - 5:00pm) 5 days a week (Monday - Friday) for problem resolution. Support shall have a response time of next business day.

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Approved by:

ADOR G. CANLAS, CESO IV
Undersecretary, Technical Services
and Information Management Service

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words “*or at least equivalent.*” References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

Technical Specifications

Item	Specification	Statement of Compliance
		<p><i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced 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 Bidder's 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.]</i></p>
1	Network Video Recorder (NVR) H.265 64 Channels	
2	Indoor Camera IP 4.0 MP, 2.8mm lens, 50M IR distance, H.265, WDR, audio, alarm, SD card slot, PoE, IP67, dome including labor for installation and commissioning	
3	Outdoor Camera IP 4.0 MP, 3.6mm lens, 40M IR distance, full color lite, built-in mic, H.265, WDR, audio, alarm, SD card slot, PoE, IP67, bullet including labor for installation and commissioning.	

4	Powder-coated Galvanized Steel Camera Bracket	
5	SFP Switch 24 port L2 + Gigabit Managed 2	
6	SFP Switch 16 port L2 + Gigabit Managed 2	
7	TV 46 inches 1080P Full HD LED with Bracket	
8	HDMI Cable 10 Meters	
9	Hard Disk Drive 8 TB for CCTV	
10	Steel Data Cabinet Wall Mounted with 2 exhaust fan set, power strip, 12U W=700mm D =700 mm	
11	Patch Panel loaded with connectors 24 ports, 1RU	
12	Patch Panel loaded with connectors 16 ports, 1U	
13	Patch cord factory crimp, 2 meters, orange	
14	Outdoor Fiber Optic Cable (2000M) 4-core including mobilization, labor for installation of FOC, layout, roughing-ins, testing and commissioning, services and warranty	
15	Media Fiber Converter 4 Ports Gigabit	
16	Mediacon Fiber Ports Gigabit A & B with labor for Fusion splicing OM4 and OTDR Testing per core	
17	Cat-6 Data Cable Outdoor and Weatherproof (305 m) including labor for: - Termination of nodes, harnessing, tagging and commissioning of cameras - Installation including civil works (trenching, hand holes and covers	
18	UPS, rack mountable 2U, 3000 VA, with extended battery module (see	

	attached specifications) with mobilization and installation	
19	UPS, rack mountable 2U, 2000 VA, with extended battery module (see attached specifications) with mobilization and installation	
20	Flat cord #16 150m	
21	PVC Pipe 3/4	
22	PVC Elbow 3/4	
23	Cable Tie (Industrial Type)	
24	Cable Clamp 3/4	
25	Electrical Tape	
26	Junction Box	
27	Modular Box	
	Note: Please see attached specifications of UPS and D.O. no. 245 series of 2015 for specifications (DPWH Standard Specification for ITEM 1212 - Closed-Circuit Television (CCTV) System	
	x-x-x-x-x	

Section VIII. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) **in accordance with Section 8.5.2 of the IRR;**

Technical Documents

- ☐ (b) 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; **and**
- ☐ (c) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- ☐ (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission **or** Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- ☐ (f) Original duly signed Omnibus Sworn Statement (OSS) **and** if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; 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.

Financial Documents

- ☐ (g) The prospective bidder’s computation of Net Financial Contracting Capacity (NFCC) **or** A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class “B” Documents

- ☐ (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence **or** 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.

II. FINANCIAL COMPONENT ENVELOPE

- ☐ (i) Original of duly signed and accomplished Financial Bid Form; **and**
- ☐ (j) Original of duly signed and accomplished Price Schedule(s).

Other documentary requirements under RA No. 9184 (as applicable)

- ☐ (k) *[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.
- ☐ (l) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.



Department of Public Works and Highways (DPWH)

Contract ID : 24GEB0005

Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract : Mamburao, Occidental Mindoro

ELIGIBILITY AND TECHNICAL PROPOSAL

CONTRACTOR / SUPPLIER



Department of Public Works and Highways (DPWH)

Contract ID : **24GEB0005**
Contract Name : **Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO**

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CHECKLIST OF ELIGIBILITY AND TECHNICAL REQUIREMENTS FOR BIDDERS

The Eligibility Components shall contain the following:

- ☐ 1. Certification in lieu of Class "A" Documents.
Note: This document certifies that the Class "A" Documents are complete, current and updated. Presence of this document shall forego the checking of Class "A" Documents

OR all requirements listed under Class "A" and "B" Documents
Class "A" Documents
- ☐ 1. Registration Certificate from SEC, Department of Trade and Industry (DTI) for sole proprietorship, CDA for cooperatives, or any proof of such registration as stated in the Bidding Documents
- ☐ 2. Valid and current Mayor's permit/municipal license issued by the city or municipality where the principal place of business of the prospective bidder is located
- ☐ 3. Statement of ongoing and similar completed government and private contracts within the period specified in the ITB, including contract awarded but not yet started, if any, the statement shall include, for each contract, the following (Form DPWH-G&S-14 and DPWH-G&S-14):
- | | |
|------------------------------------|--|
| a. Name of the Contract | d. Amount of Contract and Value of Outstanding Contracts |
| b. Date and Status of the Contract | e. Date of Delivery |
| c. Kind of Goods Sold | f. End-User Acceptance, if completed |
- ☐ 4. Statement of the bidder's Single Largest Completed Contract similar to the contract to be bid.
- ☐ 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) (Form No. 3)
- ☐ 7. Tax Clearance per Executive Order No. 398 series of 2005, as finally reviewed and approved by the BIR.
- Class "B" Documents**
- ☐ 1. Valid joint venture agreement (JVA), in case the joint venture is already in existence. In the absence of a JVA, a duly notarized statement from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA if the bid is successful. 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 the legal eligibility documents. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance.

The Technical Components shall contain the following:

- ☐ 1. PhilGEPS Certificate of Registration
- ☐ 2. NFCC computation or committed Line of Credit
- ☐ 3. Bid Security in accordance with ITB Clause 18, a Bid Securing Declaration or any of the following:

Form of Bid Security	Amount of Bid Security (Equal to Percentage of ABC)
a. Cash or cashier's/manager's check issued by a Universal or Commercial Bank; or	Two percent (2%)
b. Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank; or	
c. Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security	Two percent (5%)

- ☐ 4. Technical specifications proposal
- ☐ 5. Schedule of requirements/delivery
- ☐ 6. Manpower requirements, if applicable
- ☐ 7. After-sales service/parts, if applicable
- ☐ 8. Omnibus Sworn Statement



Contract ID : 24GEB0005
Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO
Location of the Contract : Mamburao, Occidental Mindoro

LIST OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS INCLUDING CONTRACTS

Business Name : _____
Business Address : _____

Name of Project	a. Owner's Name b. Address c. Telephone No.	Nature of Work	Bidder's Role		a. Date Awarded b. Date Started c. Date of Compln	% of Accomplishment		Value of Outstanding Works / Undelivered Portions
			Description	%		Planned	Actual	
<u>Government</u>								
<u>Private</u>								

Attachments: 1. Notice of Award and/or Contract
2. Notice to Proceed issued by owner
3. Certificate of Accomplishment signed by the owner or authorized representative

Submitted by : _____
(Printed Name & Signature)
Designation : _____
Date : _____



Contract ID : 24GEB0005
Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO
Location of the Contract : Mamburao, Occidental Mindoro

**STATEMENT OF ALL GOVERNMENT AND PRIVATE CONTRACTS COMPLETED WHICH ARE SIMILAR TO THE
CONTRACT TO BE BID**

Business Name : _____
Business Address : _____

Name of Project	a. Owner's Name b. Address c. Telephone No.	Nature of Work	Bidder's Role		a. Amount at Award	a. Date Awarded
			Description	%	b. Amount at Completion c. Duration	b. Contract Effectivity c. Date Completed
Government						
Private						

Attachments: 1. Copy of Contract
2. Certificate of Completion
3. Certificate of Acceptance

Submitted by : _____
(Printed Name & Signature)
Designation : _____
Date : _____



Department of Public Works and Highways (DPWH)

Contract ID : 24GEB0005

Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract : Mamburao, Occidental Mindoro

TECHNICAL PROPOSAL

CONTRACTOR / SUPPLIER



Department of Public Works and Highways (DPWH)

Contract ID : **24GEB0005**
Contract Name : **Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO**

Location of the Contract : **Mamburao, Occidental Mindoro**

Form No. 03 :

FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK

- A. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year and a certified copy of Schedule of Fixed Assets particularly the list of construction equipment.

		Year 20____
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1 - 3)	
6.	Net Working Capital (2 - 4)	

- B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under on-going contracts, including awarded contracts yet to be started coinciding with the contract for to be bid

NFCC = ₱ _____

Herewith attached are certified true copies of the income tax return and audited financial statement: stamped "RECEIVED" by the BIR or BIR authorized collecting agent for the immediately preceding year.

Submitted by:

Name of Supplier / Distributor / Manufacturer

Signature of Authorized Representative

NOTE:

1. If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the above requirements.



Contract ID : 24GEB0005
 Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract : Mamburao, Occidental Mindoro

REPUBLIC OF THE PHILIPPINES)
 CITY OF _____) S.S.
 X-----X

BID-SECURING DECLARATION
Project Identification No. : 24GEB0005

TO: **JOSELITO A. ANTONIO**
 District Engineer
 DPWH-Mindoro Occidental DEO
 Mamburao, Occidental Mindoro

I/We, the undersigned. Declared that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
 - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/We failed to timely to file a request for reconsideration or (ii) I/We filed a waiver to avail of said right;
 - (c) I am/we are declared as the bidder with the Lowest Calculated and Responsive Bid/Highest Rated and Responsive Bid⁴, and I/We have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this _____ day of _____, 2021
 at _____.

 (NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE)

 (Insert signatory's legal capacity)
 Affiant

SUBSCRIBED AND SWORN to before me this _____ day of _____, 2021 at _____, Philippines, Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in 2004 Rules on National Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her _____, with his/her photograph and signature appearing thereon with No. _____ and his/her _____ and his/her Community Tax Certificate No. _____ issued on _____ at _____.

NAME OF NOTARY PUBLIC

Serial No. of Commission _____
 Notary Public for _____ until _____
 Roll of Attorneys No. _____
 PTR No. _____
 IBP No. _____

Doc. No. _____
 Page No. _____
 Book No. _____
 Series of _____



Contract ID : **24GEB0005**
Contract Name : **Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO**
Location of the Contract : **Mamburao, Occidental Mindoro**

OMNIBUS SWORN STATEMENT (Revised)
Sole Proprietorship

REPUBLIC OF THE PHILIPPINES)
CITY / MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, _____, of legal age, _____, Filipino, and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. I am the sole proprietor of _____ with office address at _____;
2. As the owner and sole proprietor of, or authorized representative of _____, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and sign and execute the ensuring contract of _____ of the DPWH-Mindoro Occidental District Engineering Office, shown in the attached duly notarized Special Power of Attorney;
3. _____ is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. _____ is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
6. The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
7. _____ complies with existing labor laws and standards; and
8. _____ is aware of and has undertaken the following responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a) Carefully examine all of the Bidding Documents;
 - b) Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquiring or securing Supplemental/Bid Bulletin(s) issued for the _____

Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO
9. _____ did not give or pay or indirectly, any commission, amount fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 2021 at _____, Philippines.

[Name of Bidder or its Authorized Representative]

[Insert signatory's legal capacity]

AFFIANT



Contract ID : 24GEB0005
Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract : Mamburao, Occidental Mindoro

SUBSCRIBED AND SWORN to before me this ____ day of _____, 2021, affiant exhibited to me his/her
Community Tax Certificate No. _____ issued on _____ at _____, Philippines.

Notary Public

Until 31 December 20_____
PTR No. _____
Issued at: _____
Issued on: _____
TIN No. _____

Doc. No. _____
Page No. _____
Book No. _____
Series of _____



Contract ID : 24GEB0005
Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO
Location of the Contract : Mamburao, Occidental Mindoro

OMNIBUS SWORN STATEMENT (Revised)*Partnership***A F F I D A V I T**

REPUBLIC OF THE PHILIPPINES)
CITY / MUNICIPALITY OF _____) S.S.

I, _____, of legal age, _____, Filipino, and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. I am the duly authorized and designated representative of _____ with office address at _____;
2. I am granted full power and authority to do, execute and perform any and all acts necessary and/or to Participate, submit the bid, and to sign and execute the ensuring contract for _____ of the DPWH-Mindoro Occidental District Engineering Office, shown in the attached duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;];
3. _____ is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. _____ is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
6. None of the officers and members of _____ is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
7. _____ complies with existing labor laws and standards; and
8. _____ is aware of and has undertaken the following responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a) Carefully examine all of the Bidding Documents;
 - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the **Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO**
9. _____ did not give or pay or indirectly, any commission, amount fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 2021 at _____, Philippines.

[Name of Bidder or its Authorized Representative]

[Insert signatory's legal capacity]

AFFIANT



Contract ID : 24GEB0005
Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO
Location of the Contract : Mamburao, Occidental Mindoro

SUBSCRIBED AND SWORN to before me this ____ day of _____, 2021, affiant exhibited to me his/her
Community Tax Certificate No. _____ issued on _____ at _____, Philippines.

Notary Public

Until 31 December 20_____
PTR No. _____
Issued at: _____
Issued on: _____
TIN No. _____

Doc. No. _____
Page No. _____
Book No. _____
Series of _____



Contract ID : 24GEB0005
Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO
Location of the Contract : Mamburao, Occidental Mindoro

OMNIBUS SWORN STATEMENT (Revised)*Joint Venture***AFFIDAVIT**

REPUBLIC OF THE PHILIPPINES)
CITY / MUNICIPALITY OF _____) S.S.

I, _____, of legal age, _____, Filipino, and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. I am the duly authorized and designated representative of _____ with office address at _____;
2. I am granted full power and authority to do, execute and perform any and all acts necessary and/or to Participate, submit the bid, and to sign and execute the ensuring contract for _____ of the DPWH-Mindoro Occidental District Engineering Office, shown in the attached duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;];
3. _____ is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. _____ is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
6. None of the officers, directors, and controlling stockholders of _____ is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;
7. _____ complies with existing labor laws and standards; and
8. _____ is aware of and has undertaken the following responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a) Carefully examine all of the Bidding Documents;
 - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the _____

Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO
9. _____ did not give or pay or indirectly, any commission, amount fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of _____, 2021 at _____, Philippines.

[Name of Bidder or its Authorized Representative]

[Insert signatory's legal capacity]

AFFIANT



Contract ID : 24GEB0005
Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO
Location of the Contract : Mamburao, Occidental Mindoro

SUBSCRIBED AND SWORN to before me this _____ day of _____, 2021, affiant exhibited to me his/her
Community Tax Certificate No. _____ issued on _____ at _____, Philippines.

Notary Public

Until 31 December 20_____
PTR No. _____
Issued at: _____
Issued on: _____
TIN No. _____

Doc. No. _____
Page No. _____
Book No. _____
Series of _____



Department of Public Works and Highways (DPWH)

Contract ID : 24GEB0005

Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract : Mamburao, Occidental Mindoro

FINANCIAL PROPOSAL

CONTRACTOR / SUPPLIER



Department of Public Works and Highways (DPWH)

Contract ID : 24GEB0005
Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract : Mamburao, Occidental Mindoro

CHECKLIST OF FINANCIAL COMPONENTS FOR BIDDERS

The Financial Components shall contain the following:

- ☐ 1) Bid Form which includes Bid Prices [DPWH-G&S-19]
- ☐ 2) Bill of Quantities which includes Unit Bid Price and Total Bid Prices for each Item [DPWH-G&S-20]
- ☐ 3) Recuring and maintenance costs, if applicable



Contract ID : 24GEB0005
Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract : Mamburao, Occidental Mindoro

BID FORM

Date : _____
Project Identification No. : 24GEB0005

To: DPWH, Mindoro Occidental District Engineering Office
Mamburao, Occidental Mindoro

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers _____, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply/deliver/perform of the above Contract/Goods in conformity with the said PBDs for the sum of _____, ₱ _____ or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein or in the Price Schedules,

We undertake, if our Bid is accepted, to deliver the goods in accordance with the Delivery Schedule Requirement (Form DPWH-G&S-17).

If our Bid is accepted, we undertake:

- to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:²

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____
(if none, state "None")		

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the lowest or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements to the PBDs.

The undersigned is authorized to submit the bid on behalf of [name of the bidder] as evidenced by the attached [state the written authority].

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Name : _____
Legal Capacity : _____
Signature : _____
Duly authorized to sign Bid for and on behalf of : _____

Contract ID : 24GEB0005
 Contract Name : Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO
 Location of the Contract : Mamburao, Occidental Mindoro

**BILL OF QUANTITIES
WITH BID PRICES AND TOTAL BID PRICES**

1	2	3	4	5	6	7
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT BID PRICE (PESO)	TOTAL BID PRICE (PESO) ¹	DELIVERY SCHEDULE
1	Network Video Recorder (NVR) H.265 64 Channels	Unit	1			
2	Indoor Camera IP 4.0 MP, 2.8mm lens, 50M IR distance, H.265, WDR, audio, alarm, SD card slot, PoE, IP67, dome including labor for installation and commissioning	Unit	16			
3	Outdoor Camera IP 4.0 MP, 3.6mm lens, 40M IR distance, full color lite, built-in mic, H.265, WDR, audio, alarm, SD card slot, PoE, IP67, bullet including labor for installation and commissioning	Unit	34			
4	Powder-coated Galvanized Steel Camera Bracket	pcs	50			
5	SFP Switch 24 port L2 + Gigabit Managed 2	Unit	1			
6	SFP Switch 16 port L2 + Gigabit Managed 2	unit	4			
7	TV 46 inches 1080P Full HD LED with Bracket	Unit	4			
8	HDMI Cable 10 Meters	pcs	4			
9	Hard Disk Drive 8 TB for CCTV	Unit	6			
10	Steel Data Cabinet Wall Mounted with 2 exhaust fan set, power strip, 12U W=700mm D=700 mm	Unit	3			
11	Patch Panel loaded with connectors 24 ports, 1RU	Unit	2			
12	Patch Panel loaded with connectors 16 ports, 1U	Unit	4			
13	Patch cord factory crimp, 2 meters, orange	Unit	100			
14	Outdoor Fiber Optic Cable (2000M) 4-core including mobilisation, labor for installation of FOC, layout, roughing-ins, testing and commissioning, services and warranty	roll	1			
15	Media Fiber Converter 4 Ports Gigabit	Unit	1			
16	Mediacon Fiber Ports Gigabit A & B with labor for Fusion splicing OM4 and OTDR Testing per core	Unit	3			
17	Cat-6 Data Cable Outdoor and Weatherproof (305 m) including labor for: Termination of nodes, harnessing, tagging and commissioning of cameras - Installation including civil works (trenching, hand holes and covers	roll	5			
18	UPS, rack mountable 2U, 3000 VA, with extended battery module (see attached specifications) with mobilisation and installation	unit	1			
19	UPS, rack mountable 2U, 2000 VA, with extended battery module (see attached specifications) with mobilisation and installation	unit	4			
20	Flatcord #16 150m	rolls	2			
21	PVC Pipe 3/4	pcs	300			
22	PVC Elbow 3/4	pcs	200			
23	Cable Tie (Industrial Type)	pack	10			
24	Cable Clamp 3/4	pack	10			
25	Electrical Tape	pcs	10			
26	Junction Box	pcs	80			
27	Modular Box	pcs	30			
Total Amount of Bid:						
(in words)			(in figures)			

Bid Validity : _____ Name and Signature of Bidder _____
 Address _____
 Telephone/Mobile No. _____
 Name of Representative _____
 Signature of Representative _____

Note : Columns 1 to 4 are to be filled up by the Procuring Entity.
 Columns 5 to 7 shall be filled up by the Bidder.

¹Bidders are required to include the cost of all taxes, such as, but not limited to: value added tax (VAT), income tax, local taxes, customs duties, freight, insurance, bank charges and other fiscal levies and duties. These shall be itemized in the bid form and reflected in the detailed estimates.

Contract ID
Contract Name

24GEB0005
Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract

Mamburao, Occidental Mindoro

Name of Bidder

Invitation to Bid No. _____

Page of _____

For Goods Offered From Within the Philippines

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity Unit	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
1	Network Video Recorder (NVR) H.265 64 Channels		1 Unit						
2	Indoor Camera IP 4.0 MP, 2.8mm lens, 50M IR distance, H.265, WDR, audio, alarm, SD card slot, PoE, IP67, dome including labor for installation and commissioning		16 Unit						
3	Outdoor Camera IP 4.0 MP, 3.6mm lens, 40M IR distance, full color lite, built-in mic, H.265, WDR, audio, alarm, SD card slot, PoE, IP67, bullet including labor for installation and commissioning.		34 Unit						
4	Powder-coated Galvanized Steel Camera Bracket		50 pcs						
5	SFP Switch 24 port L2 + Gigabit Managed 2		1 Unit						
6	SFP Switch 16 port L2 + Gigabit Managed 2		4 unit						
7	TV 46 inches 1080P Full HD LED with Bracket		4 Unit						
8	HDMI Cable 10 Meters		4 pcs						
9	Hard Disk Drive 8 TB for CCTV		6 Unit						
10	Steel Data Cabinet Wall Mounted with 2 exhaust fan set, power strip, 12U W=700mm D=700 mm		3 Unit						
11	Patch Panel loaded with connectors 24 ports, 1RU		2 Unit						
12	Patch Panel loaded with connectors 16 ports, 1U		4 Unit						
13	Patch cord factory crimp, 2 meters, orange		100 Unit						

Contract ID
Contract Name

24GEB0005
Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract

Mamburao, Occidental Mindoro

Name of Bidder

Invitation to Bid No. _____

Page of _____

For Goods Offered From Within the Philippines

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity Unit	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
14	Outdoor Fiber Optic Cable (2000M) 4-core including mobilisation, labor for installation of FOC, layout, roughing-ins, testing and commissioning, services and warranty		1 roll						
15	Media Fiber Converter 4 Ports Gigabit		1 Unit						
16	Mediacon Fiber Ports Gigabit A & B with labor for Fusion splicing OM4 and OTDR Testing per core		3 Unit						
17	Cat-6 Data Cable Outdoor and Weatherproof (305 m) including labor for: Termination of nodes, harnessing, tagging and commissioning of cameras Installation including civil works (trenching, hand holes and covers		5 roll						
18	UPS, rack mountable 2U, 3000 VA, with extended battery module (see attached specifications) with mobilization and installation		1 unit						
19	UPS, rack mountable 2U, 2000 VA, with extended battery module (see attached specifications) with mobilization and installation		4 unit						
20	Flatcord #16 150m		2 rolls						
21	PVC Pipe 3/4		300 pcs						
22	PVC Elbow 3/4		200 pcs						
23	Cable Tie (Industrial Type)		10 pack						
24	Cable Clamp 3/4		10 pack						
25	Electrical Tape		10 pcs						
26	Junction Box		80 pcs						
27	Modular Box		30 pcs						

Contract ID
Contract Name

24GEB0005
Purchase and Delivery of IT Supplies & Materials for Upgrading of CCTV (2nd - 3rd Quarter) for use in DPWH Mindoro Occidental DEO

Location of the Contract Mamburao, Occidental Mindoro

Name of Bidder _____ Invitation to Bid No. _____ Page of _____

For Goods Offered From Within the Philippines

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity Unit	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
	X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X								
	TOTAL								

[SIGNATURE]

[IN THE CAPACITY OF]

Duly aythorized to sign Bid for and behalf of _____

