

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Establishment of Command Center Centralized CCTV System Phase I 2023-06

Government of the Republic of the Philippines

Sixth Edition

July 2020

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the “Works”) through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. 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 (IRR) of Republic Act (RA) No. 9184.

The PBDs are intended as a model for admeasurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; 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 Works 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 Infrastructure Projects. However, they should be adapted as necessary to the circumstances of the particular 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, BDS, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, and Bill of Quantities 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 names of the Project, Contract, and Procuring Entity, in addition to 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.

TABLE OF CONTENTS

| | |
|--|-----------|
| Glossary of Terms, Abbreviations, and Acronyms | 5 |
| Section I. Invitation to Bid..... | 8 |
| Section II. Instructions to Bidders | 11 |
| 1. Scope of Bid..... | 12 |
| 2. Funding Information | 12 |
| 3. Bidding Requirements..... | 12 |
| 4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices | 13 |
| 5. Eligible Bidders..... | 13 |
| 6. Origin of Associated Goods | 13 |
| 7. Subcontracts | 13 |
| 8. Pre-Bid Conference..... | 13 |
| 9. Clarification and Amendment of Bidding Documents..... | 14 |
| 10. Documents Comprising the Bid: Eligibility and Technical Components | 14 |
| 11. Documents Comprising the Bid: Financial Component | 14 |
| 12. Alternative Bids | 15 |
| 13. Bid Prices | 15 |
| 14. Bid and Payment Currencies..... | 15 |
| 15. Bid Security..... | 15 |
| 16. Sealing and Marking of Bids..... | 15 |
| 17. Deadline for Submission of Bids | 16 |
| 18. Opening and Preliminary Examination of Bids | 16 |
| 19. Detailed Evaluation and Comparison of Bids | 16 |
| 20. Post Qualification..... | 16 |
| 21. Signing of the Contract | 17 |
| Section III. Bid Data Sheet | 18 |
| Section IV. General Conditions of Contract..... | 20 |
| 1. Scope of Contract..... | 21 |
| 2. Sectional Completion of Works | 21 |
| 3. Possession of Site | 21 |
| 4. The Contractor's Obligations..... | 21 |
| 5. Performance Security | 22 |
| 6. Site Investigation Reports | 22 |

| | | |
|-----|---|-----------|
| 7. | Warranty..... | 22 |
| 8. | Liability of the Contractor..... | 22 |
| 9. | Termination for Other Causes..... | 22 |
| 10. | Dayworks | 23 |
| 11. | Program of Work..... | 23 |
| 12. | Instructions, Inspections and Audits | 23 |
| 13. | Advance Payment..... | 23 |
| 14. | Progress Payments | 23 |
| 15. | Operating and Maintenance Manuals..... | 23 |
| | Section V. Special Conditions of Contract..... | 25 |
| | Section VI. Specifications | 27 |
| | Section VII. Drawings..... | 29 |
| | Section VIII. Bill of Quantities | 30 |
| | Section IX. Checklist of Technical and Financial Documents | 32 |

Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

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.

CDA – Cooperative Development Authority.

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])

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.

Contractor – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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]).

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.

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.

PCAB – Philippine Contractors Accreditation Board.

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.

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.

The IB should be incorporated into 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 for Establishment of Command Center Centralized CCTV System Phase I

1. The **Mariveles Mental Wellness and General Hospital**, through the **Internally Generated Fund of 2023** intends to apply the sum of **One Million Nine Hundred Sixty-Two Thousand Two Hundred Twenty-Five Pesos and 80/100 Only (P1,962,225.80)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Establishment of Command Center Centralized CCTV System Phase I/ 2023-06**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **Mariveles Mental Wellness and General Hospital** now invites bids for the above Procurement Project. Completion of the Works is required **60 calendar days**. 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).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from **MMWGH** and inspect the Bidding Documents at the address given below from M-F; 8am-5pm, except holidays.
5. A complete set of Bidding Documents may be acquired by interested bidders on **April 18 – May 8, 2023** from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **P5,000.00**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.
6. The **MMWGH** will hold a Pre-Bid Conference on **April 26, 2023 10AM** at the given address below and/or through videoconferencing/webcasting *via Zoom*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **May 9, 2023 10AM**. Late bids shall not be accepted.
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 16**.
9. Bid opening shall be on **May 9, 2023 10AM** at the given address below and/or via *Zoom*. Bids will be opened in the presence of the bidders’ representatives who choose to attend the activity.

10. The **MMWGH** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

11. For further information, please refer to:

MARY RODELINE M. CASUAYAN

BAC Secretariat

Procurement Unit

Mariveles Mental Wellness and General Hospital

P. Monroe Street, Poblacion, Mariveles, Bataan

Email Address: **procurement@mmwgh.gov.ph**

Website: **www.mmwgh.gov.ph**

Contact No.: +639-688545320

12. You may visit the following website(s):

For downloading of Bidding Documents: **<http://www.mmwgh.gov.ph/itb2023.php>**

Date of Issue: April 18, 2023

(Sgd.)

ZORAIDA F. AFABLE, MD

Chairperson, BAC

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, **Mariveles Mental Wellness and General Hospital** invites Bids for the **Establishment of Command Center Centralized CCTV System Phase I**, with Project Identification Number **2023-06**.

[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 for the construction of Works, as described in Section VI (Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for **2023** in the amount of **One Million Nine Hundred Sixty-Two Thousand Two Hundred Twenty-Five Pesos and 80/100 Only (P1,962,225.80)**.

2.2. The source of funding is:

- a. Internally Generated Fund.

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 Manual 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 invitation to bid 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 inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) 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, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, 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. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA’s CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be “similar” to the contract to be bid if it has the major categories of work stated in the **BDS**.

5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.

5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated 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.

7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than fifty percent (50%) of the Project.

The Procuring Entity has prescribed that:

- a. 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 and/or through videoconferencing/webcasting *via Zoom* 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 IX. Checklist of Technical and Financial Documents**.
- 10.2. 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. 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.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.
- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

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 IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

- 11.3. 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. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

13. Bid Prices

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

14. Bid and Payment Currencies

14.1. 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.

14.2. *Payment of the contract price shall be made in:*

- a. Philippine Pesos.

15. Bid Security

15.1. The Bidder shall submit a Bid Securing Declaration 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**.

15.2. The Bid and bid security shall be valid until **September 6, 2023**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. 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 to the given website 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.

17. Deadline for Submission of Bids

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**.

18. Opening and Preliminary Examination of Bids

18.1. 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.

18.2. The preliminary examination of Bids shall be governed by Section 30 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 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.

19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

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

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 (BDS)

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 | |
|------------|--|
| 5.2 | For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: <i>CCTV Systems Related Projects</i> |
| 7.1 | <i>[Specify the portions of Works and the maximum percentage allowed to be subcontracted, which shall not be significant or material components of the Project as determined by the Procuring Entity.]</i> |
| 10.3 | <i>[Specify if another Contractor license or permit is required.]</i> |
| 10.4 | The key personnel must meet the required minimum years of experience set below: <u>Key Personnel</u> <u>General Experience</u> <u>Relevant Experience</u> Project Foreman CCTV Technicians Electricians |
| 10.5 | The minimum major equipment requirements are the following: <u>Equipment</u> <u>Capacity</u> <u>Number of Units</u> |
| 15.1 | The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of not less than <u>P 39,244.52</u> , if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than <u>P 98,111.29</u> if bid security is in Surety Bond. |
| 20 | <i>[List licenses and permits relevant to the Project and the corresponding law requiring it, e.g. Environmental Compliance Certificate, Certification that the project site is not within a geohazard zone, etc.]</i> |
| 21 | Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling. |

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 Contractor, 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.

2. Sectional Completion of Works

If sectional completion is specified in the **Special Conditions of Contract (SCC)**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

3. Possession of Site

4.1. The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

4.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

5. Performance Security

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award 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.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

7. Warranty

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the SCC.

8. Liability of the Contractor

Subject to additional provisions, if any, set forth in the SCC, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

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

9. Termination for Other Causes

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in **ITB** Clause 4.

10. Dayworks

Subject to the guidelines on Variation Order in Annex “E” of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the **SCC**, the Dayworks rates in the Contractor’s Bid shall be used for small additional amounts of work only when the Procuring Entity’s Representative has given written instructions in advance for additional work to be paid for in that way.

11. Program of Work

11.1. The Contractor shall submit to the Procuring Entity’s Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the **SCC**.

11.2. The Contractor shall submit to the Procuring Entity’s Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC**. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor’s accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

13. Advance Payment

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the **SCC**, subject to the requirements in Annex “E” of the 2016 revised IRR of RA No. 9184.

14. Progress Payments

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity’s Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

15. Operating and Maintenance Manuals

- 15.1. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the **SCC**.
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity’s Representative’s approval, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

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 Works procured. 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 | |
|------------|---|
| 2 | <i>[If different dates are specified for completion of the Works by section, i.e. "sectional completion," these dates should be listed here.] Not applicable</i> |
| 4.1 | <i>[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.] Site is ready for Construction.</i> |
| 6 | The site investigation reports are: Site inspection and verification. |
| 10 | No dayworks are applicable to the contract. |
| 11.1 | The Contractor shall submit the Program of Work to the Procuring Entity's Representative before the Bid opening. |
| 11.2 | The amount to be withheld for late submission of an updated Program of Work is not applicable, late submission will cause outright rejection for the bids. |
| 13 | The amount of the advance payment not exceed 15% of the total contract price. |
| 14 | <i>[If allowed by the Procuring Entity, state:]</i> Materials and equipment delivered on the site but not completely put in place shall be included for payment. |

Section VI. Specifications

Notes on 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 or conditioning their Bids. In the context of international competitive bidding, the specifications must be drafted 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 economy, efficiency, and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is mandatory. Most specifications are normally written specially by the Procuring Entity or its representative to suit the Works at hand. There is no standard set of Specifications for universal application in all sectors in all regions, but there are established principles and practices, which are reflected in these PBDs.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, ports, railways, urban housing, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, and workmanship, recognized 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 goods, materials, and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the SCC.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect 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 a substantially equal or higher quality than the standards and codes specified will be accepted

subject to the Procuring Entity's Representative's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Procuring Entity's Representative at least twenty-eight (28) days prior to the date when the Contractor desires the Procuring Entity's Representative's consent. In the event the Procuring Entity's Representative determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

These notes are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final Bidding Documents.

Section VII. Drawings

[Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section, or annexed in a separate folder.]

See attached Detailed Architectural and Engineering Design.

Section VIII. Bill of Quantities

Notes on the Bill of Quantities

Objectives

The objectives of the Bill of Quantities are:

- a. to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- b. when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

Daywork Schedule

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Entity of the realism of rates quoted by the Bidders, the Daywork Schedule should normally comprise the following:

- a. A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a daywork basis.
- b. Nominal quantities for each item of Daywork, to be priced by each Bidder at Daywork rates as Bid. The rate to be entered by the Bidder against each basic Daywork item should include the Contractor's profit, overheads, supervision, and other charges.

Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Procuring Entity's Representative's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

Signature Box

A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final documents.

Section IX. 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);
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
and
- (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- (e) 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**
- (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**
- (g) Philippine Contractors Accreditation Board (PCAB) License;
or
Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**
- (h) 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**
- (i) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;
 - b. List of contractor’s key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
 - Project Foreman
 - Safety Officer
 - CCTV Technician
 - Electricians
 - c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment

lessor/vendor for the duration of the project, as the case may be;

- d. Duly Signed Manpower Utilization Schedule
- e. Duly Signed Key Personnel Certificate/Contract of Employment

- (j) 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

- (k) 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; **and**
- (l) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

- (m) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR 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

- (n) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

- (o) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (p) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- (q) Cash Flow.

Note: Any missing document in the above-mentioned checklist is a ground for outright rejection of the bid.

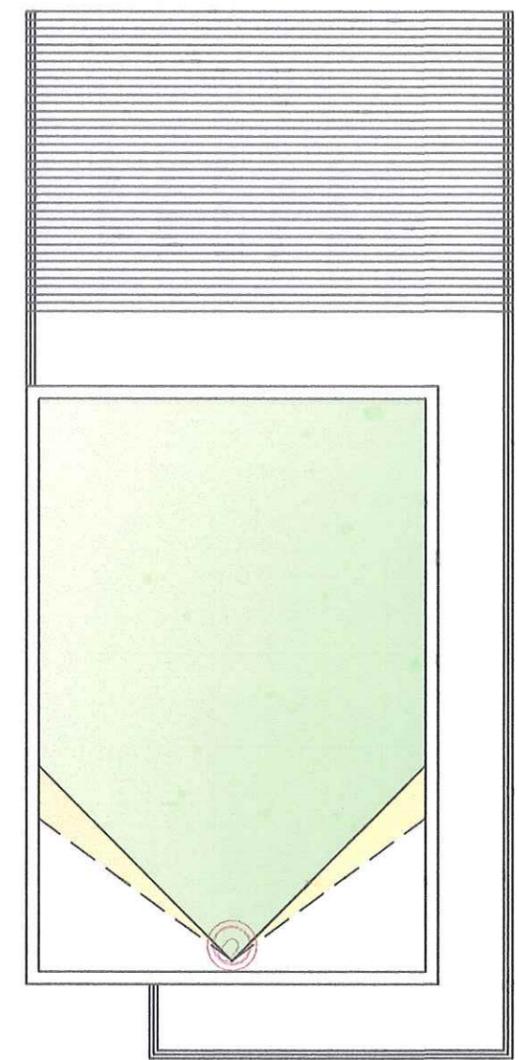
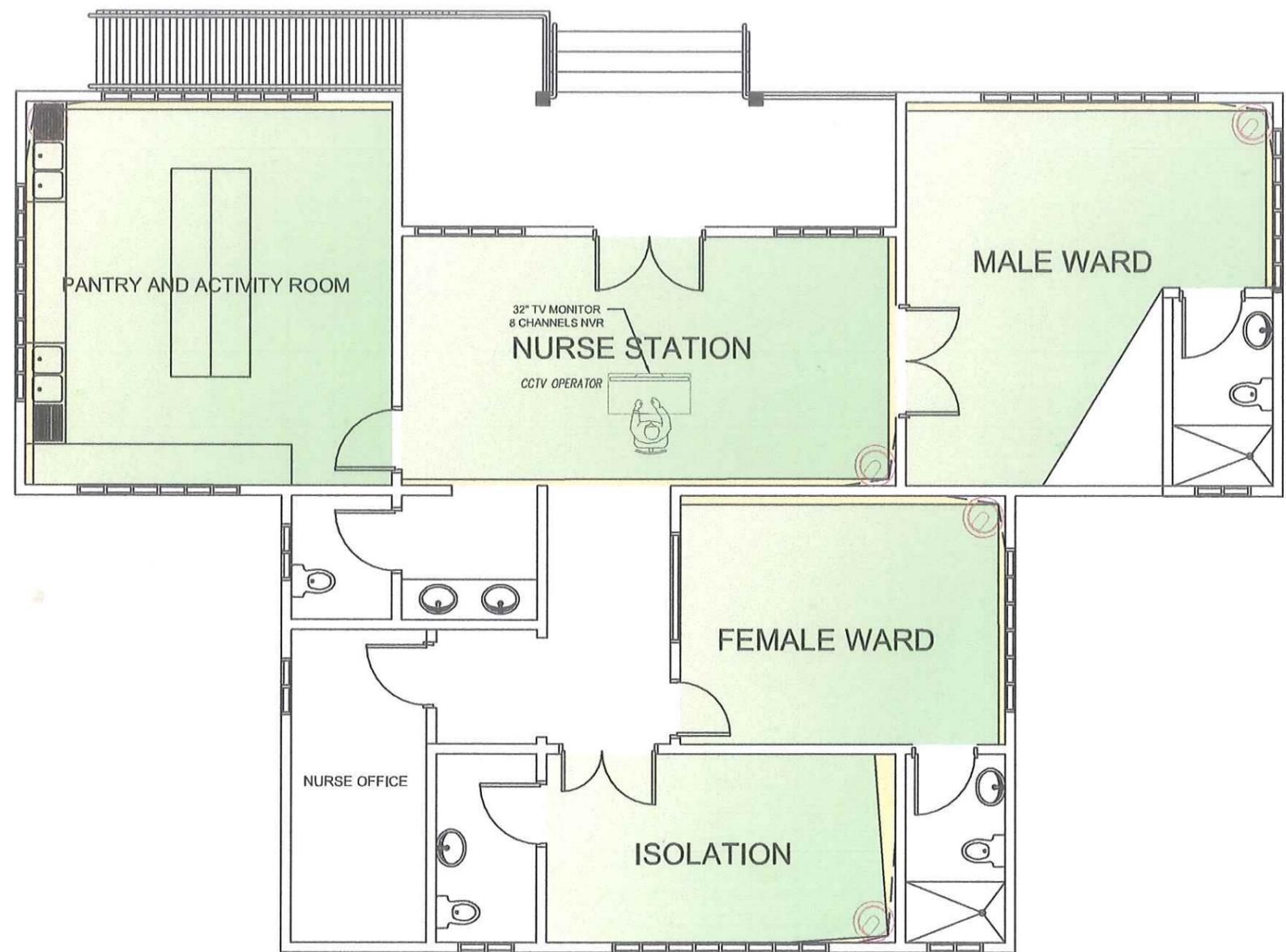
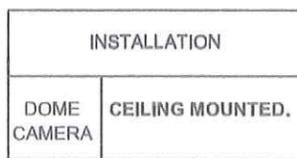
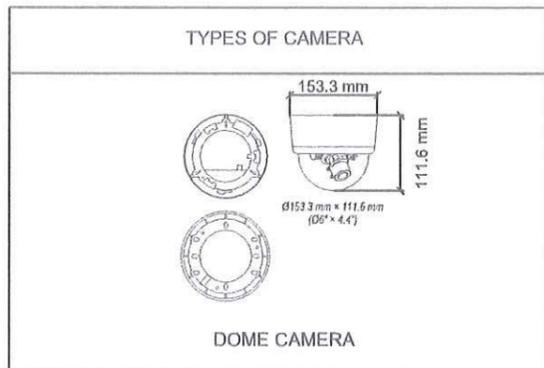
Post Qualification Documents

- 1. BIR Form 2303 (BIR Registration Certificate)
- 2. Business and Income Tax Return

Note: It is encouraged to submit the above-mentioned Post Qualification documents during Bid Opening to expedite the bidding process.



| CAMERA QUANTITY | |
|-----------------|----------------|
| GROUND FLOOR | 6 DOME CAMERAS |



TB DOTS BUILDING AND MEDICAL WASTE HOLDING FACILITY
GROUND FLOOR CCTV LAYOUT
 SCALE 1:70 MTS

NOTE TO THE END USER:
Please review the plan before signing as approval.

END USER:

 LINDSAY RUTH P. SALUDAR, MD
 MEDICAL OFFICER IV
 MEDICAL SERVICE

END USER:

 N/A
 N/A
 N/A

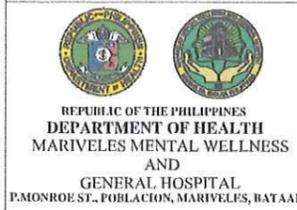
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REMARKS:
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NOTE:
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RA 9266 SECTION 33
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PROJECT TITLE
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:

ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II

DRAWN BY:

ENGR. TREJAY D. VITUDAZO, ECT
ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER

ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II
HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

PRC REG. No. : 0051748 Validity : APRIL 25, 2023
 IAPOA No. : N/A O.R. No. : N/A Date : N/A
 PTR No. : Date : N/A
 Place : MARIVELES, BATAAN TIN : 313-459-811

NOTED BY:

CRISTAL-GAY F. SUSI
ADMINISTRATIVE OFFICER IV
PLANNING UNIT

COORDINATED WITH:

EFMU:
ENGR. MELVIN JAN A. YABUT, MPA

EFMU:
ENGR. JOHNIEL JUNE M. VILLANUEVA

HFDS:
AR. PAULO V. PAGUA, CAP

IHOMS:
SHIELA ROSE P. ARINGO

RECOMMENDING APPROVAL:

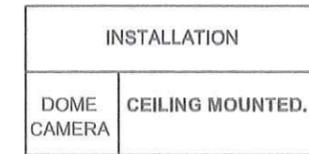
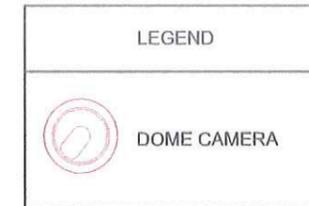
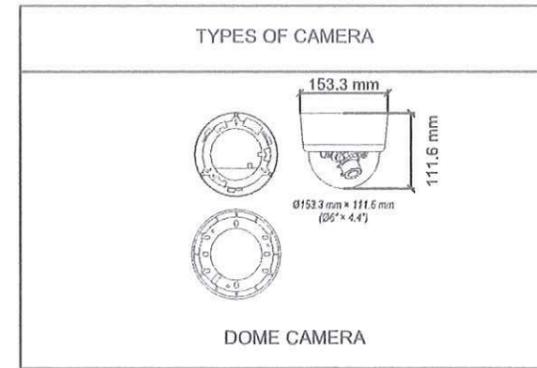
VINCENT A. TSIP
OFFICER IN CHARGE
HOSPITAL OPERATION PATIENT SUPPORT SERVICE

APPROVED BY:

MARIA LOURDES L. EVANGELISTA, MD, FPPA
MEDICAL CENTER CHIEF II
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

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| | SHEET NO. C1 of C11 |
| DATE PUBLISHED: NOVEMBER 28, 2022 | |

| CAMERA QUANTITY | |
|-----------------|----------------|
| GROUND FLOOR | 7 DOME CAMERAS |



NOTE TO THE END USER:
Please review the plan before signing as approval.

END USER:

for:
RIO MICHAEL T. ESPINO II, RN
NURSE III
NURSING SERVICE

END USER:

N/A
N/A
N/A

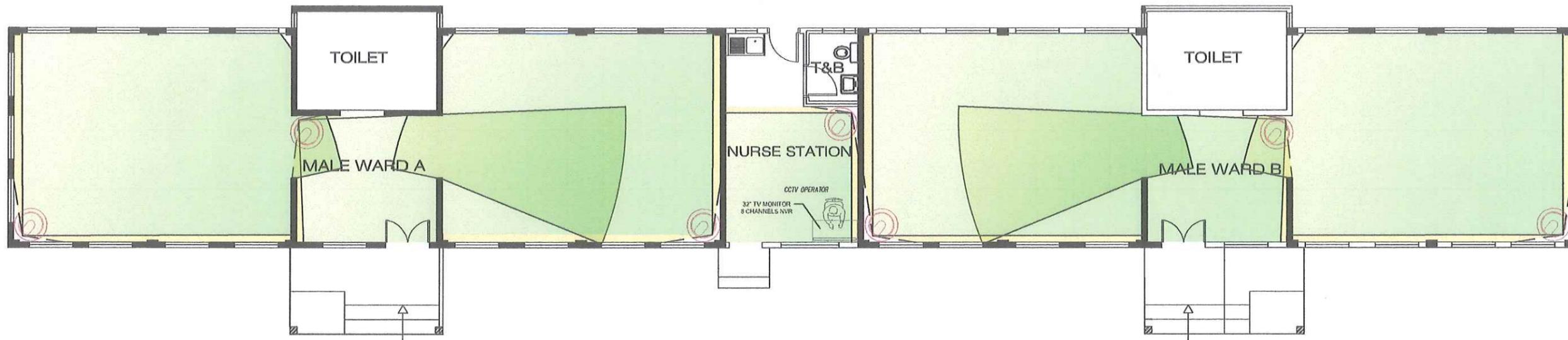
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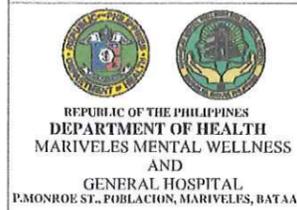
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DORM A AND B BUILDING
GROUND FLOOR CCTV LAYOUT
SCALE 1:100 MTS



PROJECT TITLE
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:

ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II

DRAWN BY:

ENGR. TEJAY D. VIRTUDAZO, ECT
ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER
ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II
HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

PRC REG. No. : 0051748
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Place : MARIVELES, BATAAN

Validity : APRIL 25, 2023
O.R. No. : N/A
Date : N/A
TIN : 313-459-811

NOTED BY:

CRISTAL-GAY F. SUSI
ADMINISTRATIVE OFFICER IV
PLANNING UNIT

COORDINATED WITH:
EFMU:
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EFMU:
ENGR. JOHNIEL JUNE M. VILLANUEVA
HFDS:
AR. PAULO Y. PASQUA, JAM
IHOMS:
SHIELA ROSE P. ARINGO

RECOMMENDING APPROVAL:

VINCENT A. ISIP
OFFICER IN CHARGE
HOSPITAL OPERATION PATIENT SUPPORT SERVICE

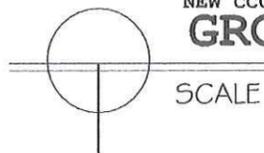
APPROVED BY:

MARIA LOURDES L. EVANGELISTA, MD, FPPA
MEDICAL CENTER CHIEF II
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

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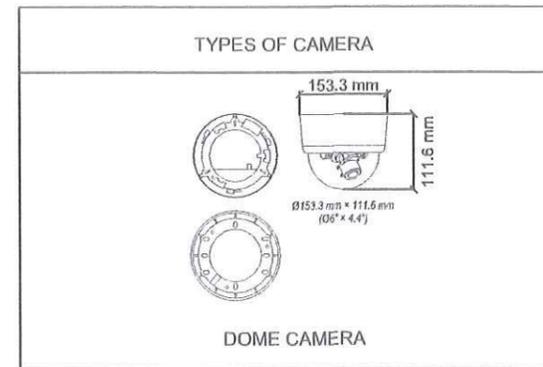


NEW CCU BUILDING
GROUND FLOOR CCTV LAYOUT



SCALE

1 : 100 MTS



| CAMERA QUANTITY | |
|-----------------|-----------------|
| GROUND FLOOR | 16 DOME CAMERAS |

| LEGEND | |
|--------|--------------|
| | DOMES CAMERA |

| INSTALLATION | |
|--------------|-----------------|
| DOMES CAMERA | CEILING MOUNTED |

NOTE TO THE END USER:

Please review the plan before signing as approval.

END USER:

Aspejo
ANIELYN Z. ESPEJO, RN
 NURSE III
 NURSING SERVICE

END USER:

N/A
 N/A
 N/A

END USER:

N/A
 N/A
 N/A

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 ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
 MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
 P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:
 ENGR. MEYNARD ANTHONY V. BANZON
 ENGINEER II

DRAWN BY:
 ENGR. TESHAY D. MARTINDAZO, ECT
 ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER
 ENGR. MEYNARD ANTHONY V. BANZON
 ENGINEER II
 HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

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 Place : MARIVELES, BATAAN TIN : 313-459-811

NOTED BY:
Chir
CRISTAL-GAY F. SUSI
 ADMINISTRATIVE OFFICER IV
 PLANNING UNIT

COORDINATED WITH:

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 ENGR. MELVIN JAN A. YABUT, MPA

EFMU:
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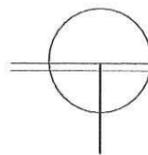
RECOMMENDING APPROVAL:
hmm
VINCENT A. ISIP
 OFFICER IN CHARGE
 HOSPITAL OPERATION PATIENT SUPPORT SERVICE

APPROVED BY:
SL
MARIA LOURDES L. EVANGELISTA, MD, FPPA
 MEDICAL CENTER CHIEF II
 MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

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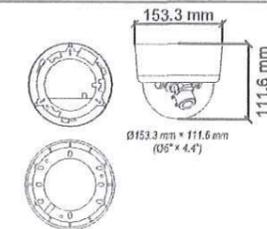
NEW CCU BUILDING
SECOND FLOOR CCTV LAYOUT



SCALE

1:100 MTS

TYPES OF CAMERA



DOMA CAMERA

CAMERA QUANTITY

| | |
|--------------|-----------------|
| GROUND FLOOR | 16 DOME CAMERAS |
|--------------|-----------------|

LEGEND



DOMA CAMERA

INSTALLATION

| | |
|-------------|-----------------|
| DOMA CAMERA | CEILING MOUNTED |
|-------------|-----------------|

NOTE TO THE END USER:

Please review the plan before signing as approval.

END USER:

[Signature]
 ANIELYN Z. ESPEJO, RN
 NURSE III
 NURSING SERVICE

END USER:

N/A
 N/A
 N/A

END USER:

N/A
 N/A
 N/A

REMARKS:

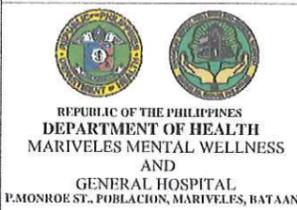
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RA 9266 SECTION 33

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PROJECT TITLE
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
 MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
 P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:
[Signature]
 ENGR. MEYNARD ANTHONY V. BANZON
 ENGINEER II

DRAWN BY:
[Signature]
 ENGR. TERRY D. VIRTUDAZO, ECT
 ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER
 ENGR. MEYNARD ANTHONY V. BANZON
 ENGINEER II
 HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

PRC REG. No. : 0051748 Validity : APRIL 25, 2023
 IAPOA No. : N/A O.R. No. : N/A Date : N/A
 PTR No. : Date : N/A
 Place : MARIVELES, BATAAN TIN : 313-459-811

NOTED BY:
[Signature]
 CRISTAL-GAY F. SUSI
 ADMINISTRATIVE OFFICER IV
 PLANNING UNIT

COORDINATED WITH:
 EFMU:
 ENGR. MELVIN JAN A. YABUT, MPA
 EFMU:
 ENGR. JOHNIEL JUNE M. VILLANUEVA
 HFDS:
 AR. PAULO V. PAGUIA, UA
 IHOMS:
 SHIELA ROSE P. ARINGO
[Signature]

RECOMMENDING APPROVAL:
[Signature]
 VINCENT A. ISIP
 OFFICER IN CHARGE
 HOSPITAL OPERATION PATIENT SUPPORT SERVICE

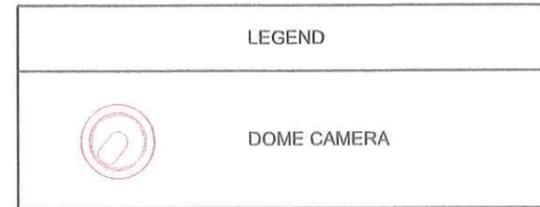
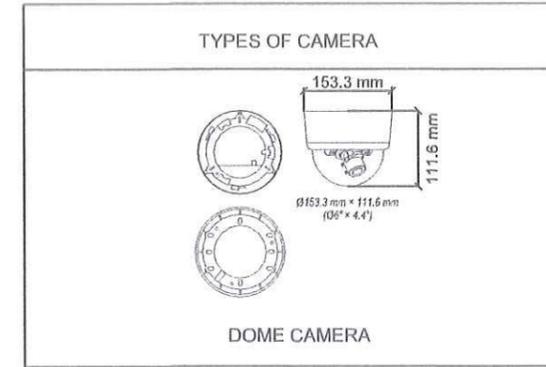
APPROVED BY:
[Signature]
 MARIA LOURDES L. EVANGELISTA, MD, FPPA
 MEDICAL CENTER CHIEF II
 MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

SHEET CONTENTS REVISION NO.
 AS SHOWN 00
 SHEET NO.
 C4
 of
 C11

DATE PUBLISHED: NOVEMBER 28, 2022

| INSTALLATION | |
|--------------|-----------------|
| DOME CAMERA | CEILING MOUNTED |

| CAMERA QUANTITY | |
|-----------------|----------------|
| GROUND FLOOR | 6 DOME CAMERAS |



NOTE TO THE END USER:
Please review the plan before signing as approval.

END USER:

MARY JOY LOVENA, SUBINGSUBING, RN
NURSE III
NEW INFIRMARY

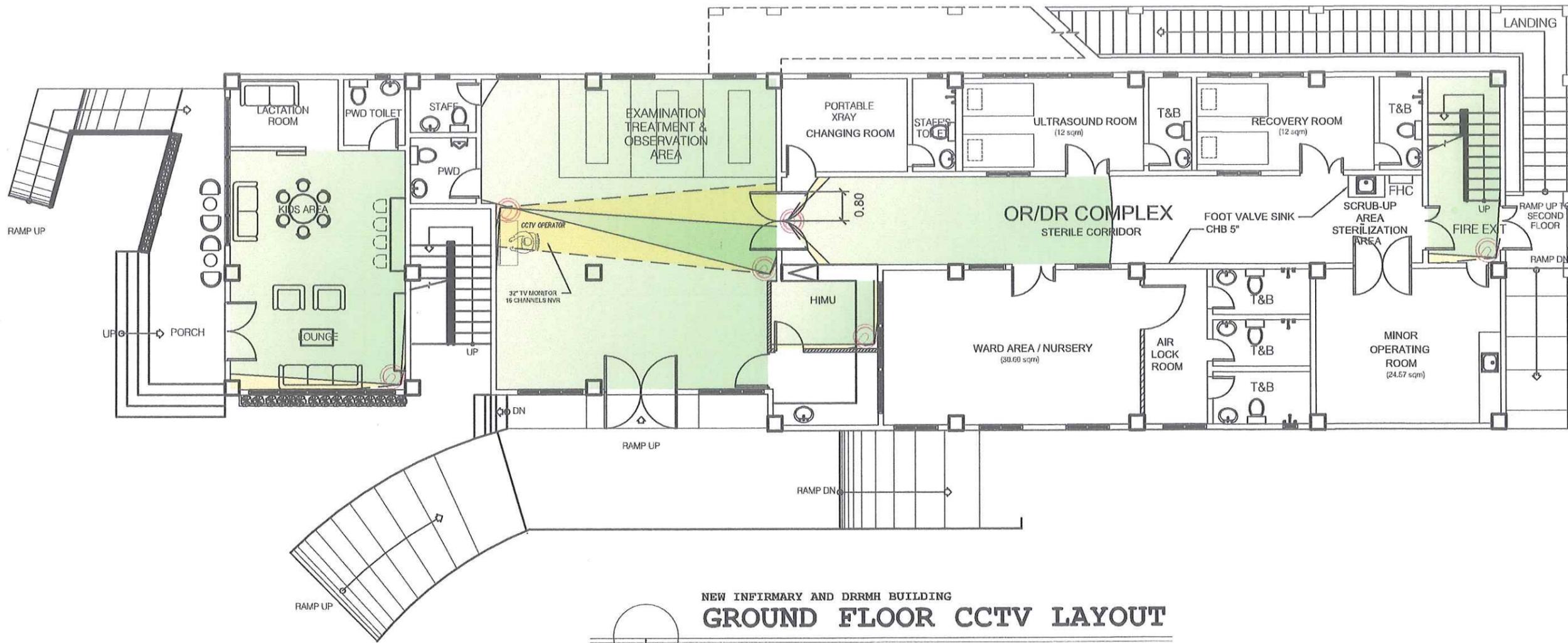
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N/A
N/A

END USER:
N/A
N/A
N/A

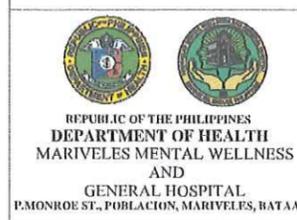
REMARKS:
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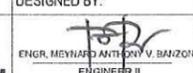
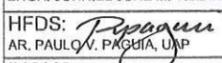
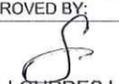
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NEW INFIRMARY AND DRRMH BUILDING
GROUND FLOOR CCTV LAYOUT
SCALE 1:100 MTS

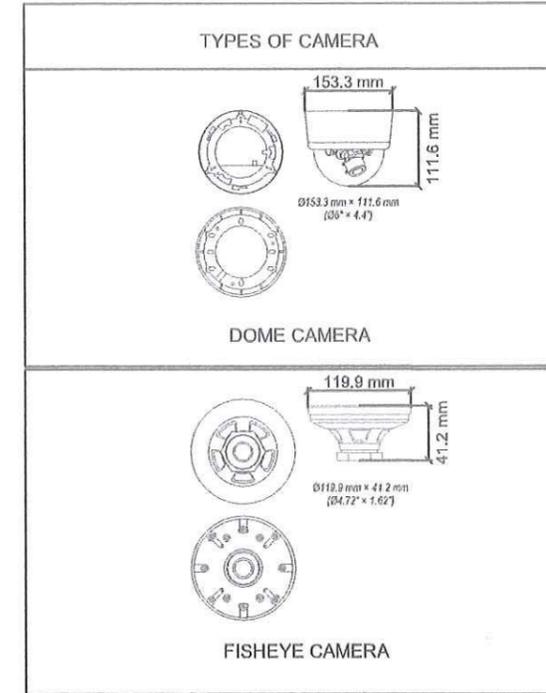


| | | | | | | | | |
|--|---|--|--|---|--|---|-----------------------------------|---|
| PROJECT TITLE ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1 LOCATION: MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL P. MONROE ST., POBLACION, MARIVELES, BATAAN | DESIGNED BY:  ENGR. MEYNARD ANTHONY V. BANZON ENGINEER II | ELECTRONICS ENGINEER ENGR. MEYNARD ANTHONY V. BANZON ENGINEER II HEALTHCARE TECHNOLOGY MANAGEMENT SECTION | NOTED BY:  CRISTAL-GAY F. SUSI ADMINISTRATIVE OFFICER IV PLANNING UNIT | COORDINATED WITH: EFMU: ENGR. MELVIN JAN A. YABUT, MPA EFMU: ENGR. JOHNIEL JUNE M. VILLANUEVA HFDS:  AR. PAUL Q. P. KOHIA, UAP IHOMS:  SHIELA ROSE P. ARINGO | RECOMMENDING APPROVAL:  VINCENT A. ISIP OFFICER IN CHARGE HOSPITAL OPERATION PATIENT SUPPORT SERVICE | APPROVED BY:  MARIA LOURDES L. EVANGELISTA, MD, FPPA MEDICAL CENTER CHIEF II MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL | SHEET CONTENTS AS SHOWN | REVISION NO. 00 SHEET NO. C5 of C11 |
| | PRC REG. No. : 0051748 Validity : APRIL 25, 2023 IAPOA No. : N/A O.R. No. : N/A PTR No. : Date : N/A Place : MARIVELES, BATAAN TIN : 313-459-811 | | | | | | | |

| INSTALLATION | |
|----------------|------------------|
| DOME CAMERA | CEILING MOUNTED. |
| FISHEYE CAMERA | CEILING MOUNTED. |

| CAMERA QUANTITY | |
|-----------------|------------------------------------|
| SECOND FLOOR | 3 DOME CAMERAS 1 FISHEYE CAMERA |

| LEGEND | |
|---|----------------|
|  | DOME CAMERA |
|  | FISHEYE CAMERA |



NOTE TO THE END USER:
Please review the plan before signing as approval.

END USER:

RUBY LYNDA T. REYES, MD
MEDICAL OFFICER IV
DEPUTY MANAGER

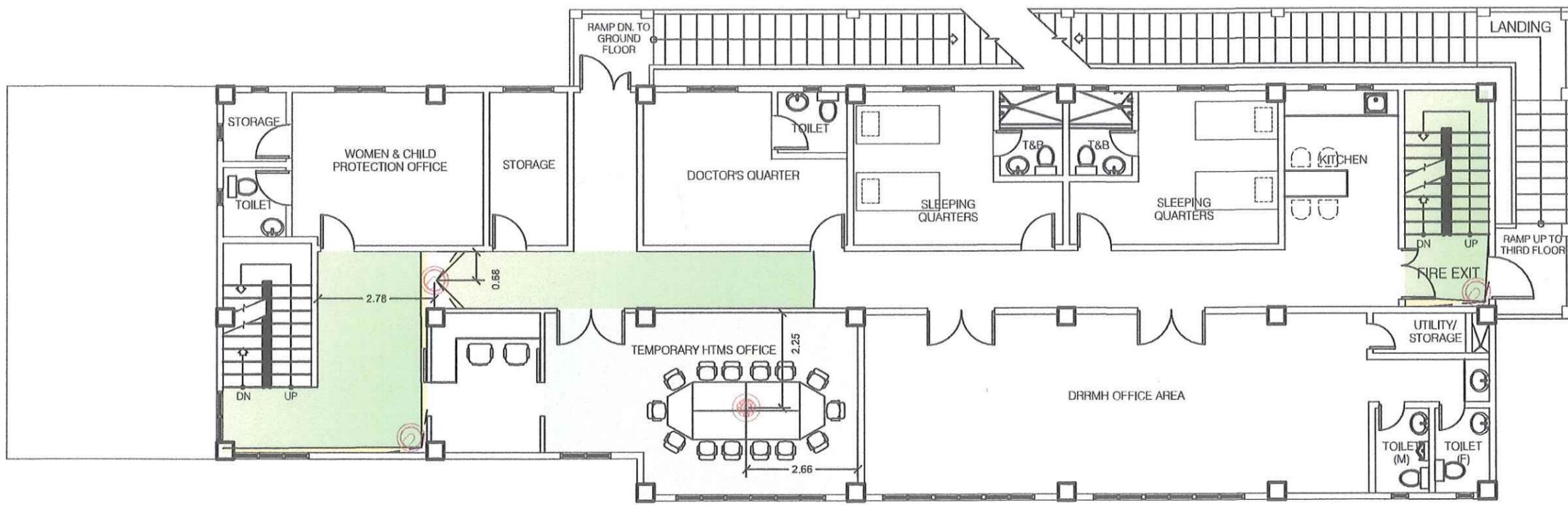
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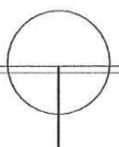
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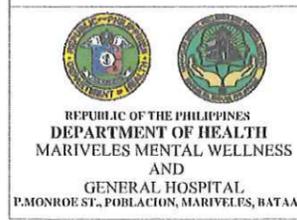
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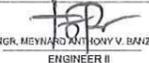


NEW INFIRMARY AND DRRMH BUILDING
SECOND FLOOR CCTV LAYOUT
SCALE  1 : 100 MTS



PROJECT TITLE
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:

ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II

DRAWN BY:

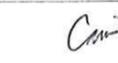
ENGR. TEJAY D. MPUTUAZO, ECT
ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER

ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II
HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

PRC REG. No. : 0051748
IAPOA No. : N/A
PTR No. :
Place : MARIVELES, BATAAN

Validity : APRIL 25, 2023
O.R. No. : N/A
Date : N/A
TIN : 313-459-811

NOTED BY:

CRISTAL-GAY F. SUSI
ADMINISTRATIVE OFFICER IV
PLANNING UNIT

COORDINATED WITH:

EFMU:
ENGR. MELVIN JAN A. YABUT, MPA

EFMU:
ENGR. JOHNIEL JUNE M. VILLANUEVA

HFDS:
AR. PAUL O. V. PABUJA UAP

IHOMS:
SHIELA ROSE P. ARINGO

RECOMMENDING APPROVAL:

VINCENT A. ISIP
OFFICER IN CHARGE
HOSPITAL OPERATION PATIENT SUPPORT SERVICE

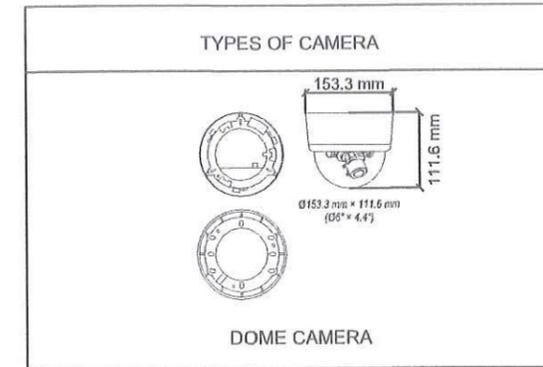
APPROVED BY:

MARIA LOURDES L. EVANGELISTA, MD, FPPA
MEDICAL CENTER CHIEF II
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

| SHEET CONTENTS | REVISION NO. |
|-----------------------------------|--------------|
| AS SHOWN | 00 |
| | SHEET NO. |
| | C6 of C11 |
| DATE PUBLISHED: NOVEMBER 28, 2022 | |

| INSTALLATION | |
|--------------|-----------------|
| DOME CAMERA | CEILING MOUNTED |

| CAMERA QUANTITY | |
|-----------------|----------------|
| GROUND FLOOR | 2 DOME CAMERAS |



| LEGEND | |
|--------|-------------|
| | DOME CAMERA |

NOTE TO THE END USER:
Please review the plan before signing as approval.

END USER:

MA. TERESA SARAH C. RIVERA, MD
MEDICAL OFFICER IV
MEDICAL SERVICE

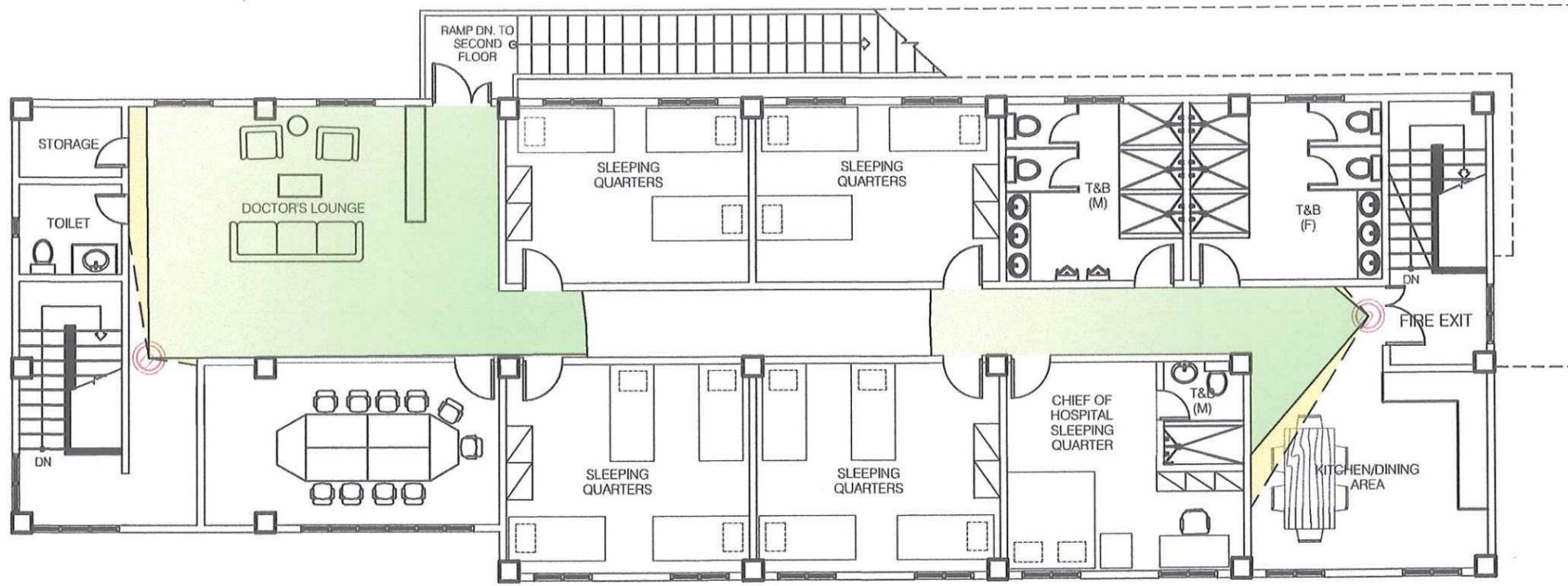
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END USER:
N/A
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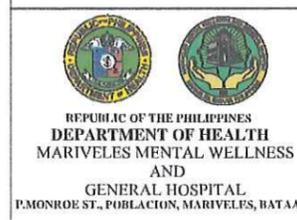
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NEW INFIRMARY AND DRMH BUILDING
THIRD FLOOR CCTV LAYOUT
SCALE 1:100 MTS



PROJECT TITLE
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:
ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II

DRAWN BY:
ENGR. YEEJAY D. VIRUIDAZO, ECT
ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER
ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II
HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

PRC REG. No. : 0051748
IAPOA No. :N/A
PTR No. :
Place : MARIVELES, BATAAN

Validity : APRIL 25, 2023
O.R. No. :N/A
Date :N/A
TIN : 313-459-811

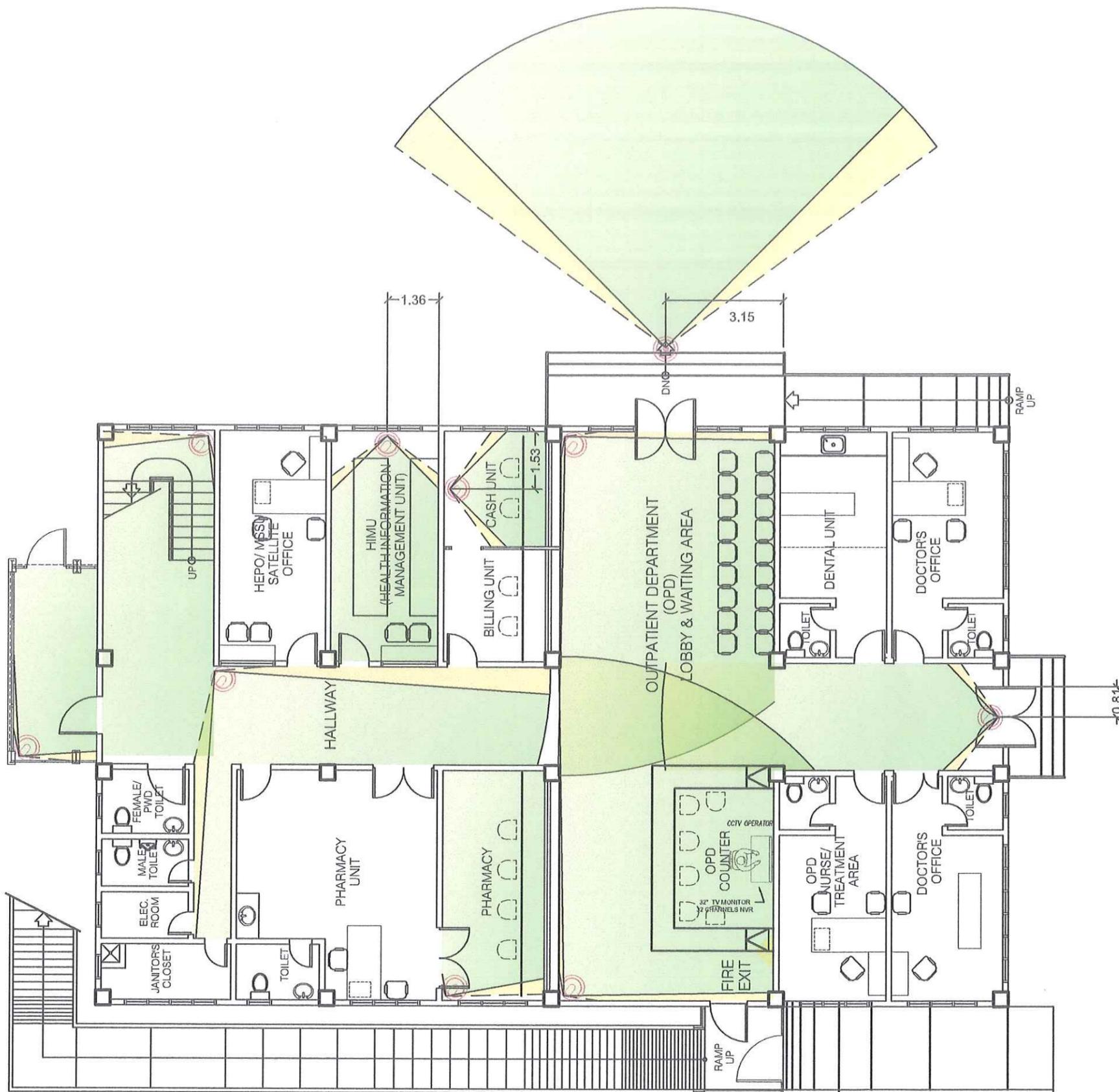
NOTED BY:
CRISTAL-GAY F. SUSI
ADMINISTRATIVE OFFICER IV
PLANNING UNIT

COORDINATED WITH:
EFMU: ENGR. MELVIN JAN A. YABUT, MPA
EFMU: ENGR. JOHNIEL JUNE M. VILLANUEVA
HFDS: AR. PAULO V. PASQUA, UAP
IHOMS: SHIELA ROSE P. ARINGO

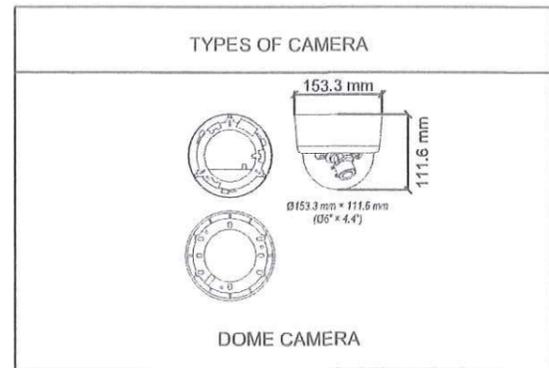
RECOMMENDING APPROVAL:
VINCENT A. ISIP
OFFICER IN CHARGE
HOSPITAL OPERATION PATIENT SUPPORT SERVICE

APPROVED BY:
MARIA LOURDES L. EVANGELISTA, MD, FPPA
MEDICAL CENTER CHIEF II
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

| | |
|-----------------------------------|--|
| SHEET CONTENTS AS SHOWN | REVISION NO. 00 |
| | SHEET NO. C7 of C11 |
| DATE PUBLISHED: NOVEMBER 28, 2022 | |



OPD BUILDING
GROUND FLOOR CCTV LAYOUT
SCALE 1:100 MTS



| CAMERA QUANTITY | |
|-----------------|-----------------|
| GROUND FLOOR | 10 DOME CAMERAS |

| LEGEND | |
|--------|-------------|
| | DOME CAMERA |

| INSTALLATION | |
|--------------|-----------------|
| DOME CAMERA | CEILING MOUNTED |

NOTE TO THE END USER:
Please review the plan before signing as approval.

END USER:

GELELENE M. BERNABE, RN, EMT
NURSE III
OUTPATIENT UNIT

END USER:

MERCEDY Y. ARADO, RPH
PHARMACIST V
PHARMACY UNIT

END USER:

CARMELA ROSEL P. ISIDRO
SUPERVISING ADMINISTRATIVE OFFICER
CASH OPERATIONS UNIT

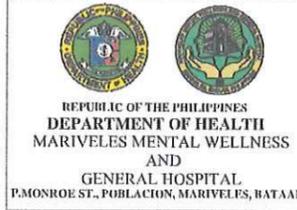
END USER:

JENIFFER A. BUENAFLOR, RN
ADMINISTRATIVE OFFICER V
HEALTH INFORMATION MANAGEMENT UNIT

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PROJECT TITLE
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:

ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II

DRAWN BY:

ENGR. TEJAY D. VITUDAZO, ECT
ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER
ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II
HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

PRC REG. No. : 0051748 Validity : APRIL 25, 2023
IAPOA No. : N/A O.R. No. : N/A Date : N/A
PTR No. : Date : N/A
Place : MARIVELES, BATAAN TIN : 313-459-811

NOTED BY:

CRISTAL-GAY F. SUSI
ADMINISTRATIVE OFFICER IV
PLANNING UNIT

COORDINATED WITH:
EFMU: ENGR. MELVIN JAN A. YABUT, MPA
EFMU: ENGR. JOHNIEL JUNE M. VILLANUEVA
HFDS: AR. PAULO V. PAGUA, UAF
IHOMS: SHIELA ROSE P. ARINGO

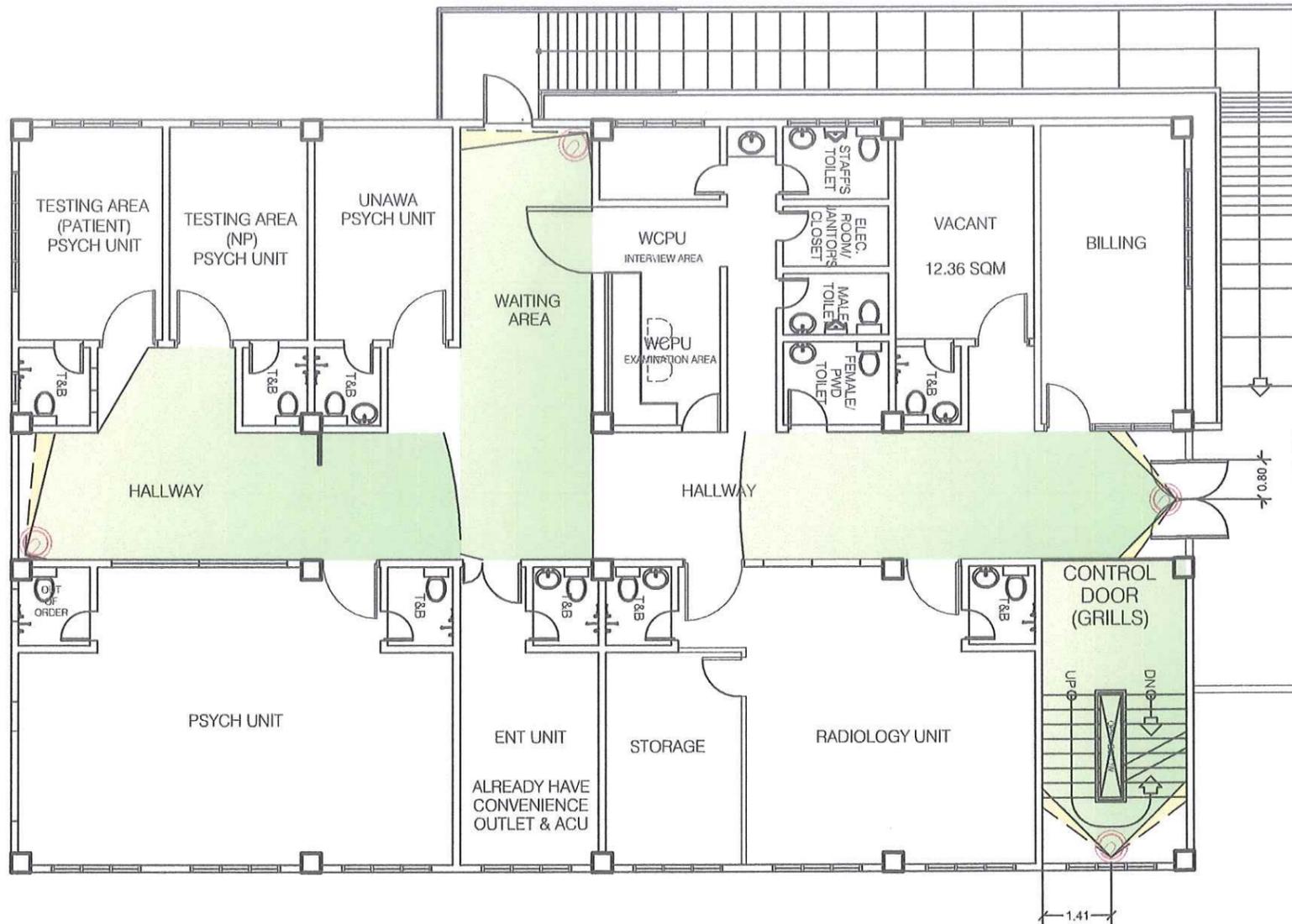
RECOMMENDING APPROVAL:

VINCENT A. ISIP
OFFICER IN CHARGE
HOSPITAL OPERATION PATIENT SUPPORT SERVICE

APPROVED BY:

MARIA LOURDES L. EVANGELISTA, MD, FPPA
MEDICAL CENTER CHIEF II
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

| SHEET CONTENTS | REVISION NO. |
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| AS SHOWN | 00 |
| AS SHOWN | SHEET NO. C8 of C11 |
| DATE PUBLISHED: NOVEMBER 28, 2022 | |



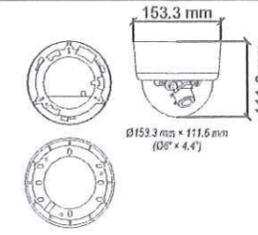
OPD BUILDING
SECOND FLOOR CCTV LAYOUT



SCALE

1:100 MTS

TYPES OF CAMERA



DOMA CAMERA

CAMERA QUANTITY

| | |
|--------------|----------------|
| GROUND FLOOR | 4 DOME CAMERAS |
|--------------|----------------|

LEGEND



DOMA CAMERA

INSTALLATION

| | |
|-------------|-----------------|
| DOMA CAMERA | CEILING MOUNTED |
|-------------|-----------------|

NOTE TO THE END USER:

Please review the plan before signing as approval.

END USER:

Quiano
QUIANO EMMANUEL SUPASCUAL, RPM, RPSY
 PSYCHOLOGIST II
 MEDICAL SERVICE

END USER:

Erika Kane P. Maza
ERIKA KANE P. MAZA, RRT
 RADIOLOGIC TECHNOLOGIST IV
 MEDICAL SERVICE

END USER:

N/A
 N/A
 N/A

REMARKS:

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PROJECT TITLE
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
 MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
 P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:
ENGR. MEYNARD ANTHONY V. BANZON
 ENGR. MEYNARD ANTHONY V. BANZON
 ENGINEER II

DRAWN BY:
ENGR. TEJAY D. VIRTUOSO, ECT
 ENGR. TEJAY D. VIRTUOSO, ECT
 ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER
ENGR. MEYNARD ANTHONY V. BANZON
 ENGR. MEYNARD ANTHONY V. BANZON
 ENGINEER II
 HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

PRC REG. No. : 0051748
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 Date :N/A

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 Date :N/A

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 TIN : 313-459-811

NOTED BY:
CRISTAL-GAY F. SUSI
 CRISTAL-GAY F. SUSI
 ADMINISTRATIVE OFFICER IV
 PLANNING UNIT

COORDINATED WITH:
 EFMU:
 ENGR. MELVIN JAN A. YABUT, MPA
 EFMU:
 ENGR. JOHNIEL JUNE M. VILLANUEVA
 HFDS:
 AR. PAULO V. PAGOYA, MAP
 IHOMS:
 SHIELA ROSE P. ARINGO
Clar P. Corbo

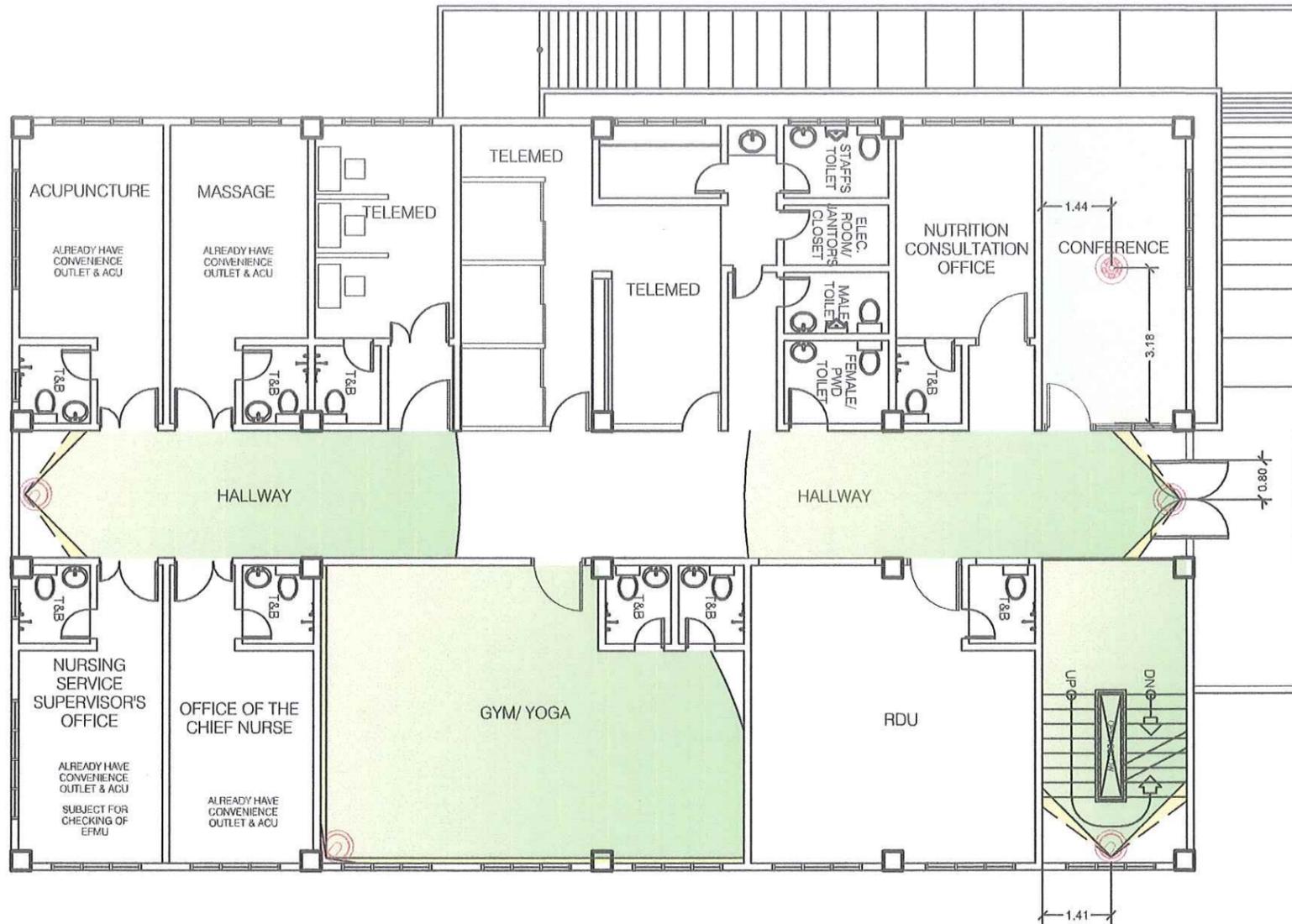
RECOMMENDING APPROVAL:
VINCENT A. ISIP
 VINCENT A. ISIP
 OFFICER IN CHARGE
 HOSPITAL OPERATION PATIENT SUPPORT SERVICE

APPROVED BY:
MARIA LOURDES L. EVANGELISTA, MD, FPPA
 MARIA LOURDES L. EVANGELISTA, MD, FPPA
 MEDICAL CENTER CHIEF II
 MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

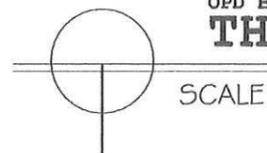
SHEET CONTENTS
AS SHOWN

REVISION NO.
00
 SHEET NO.
C9
 of
C11

DATE PUBLISHED: NOVEMBER 28, 2022

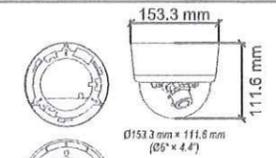


OPD BUILDING
THIRD FLOOR CCTV LAYOUT

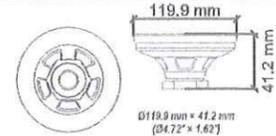


1 : 100 MTS

TYPES OF CAMERA



DOME CAMERA



FISHEYE CAMERA

CAMERA QUANTITY

| | |
|--------------|------------------------------------|
| SECOND FLOOR | 4 DOME CAMERAS 1 FISHEYE CAMERA |
|--------------|------------------------------------|

LEGEND



INSTALLATION

| | |
|----------------|------------------|
| DOME CAMERA | CEILING MOUNTED. |
| FISHEYE CAMERA | CEILING MOUNTED. |

NOTE TO THE END USER:

Please review the plan before signing as approval.

END USER:

Relia I. Villegas
RELIA I. VILLEGAS, RN, MAN
OFFICER-IN-CHARGE
NURSING SERVICE

END USER:

Maria Aleej Kyra A. Baluena
MARIA ALEEJ KYRA A. BALUENA, RND
NUTRITIONIST DETITIAN II
NUTRITION CONSULTATION

END USER:

N/A
N/A
N/A

REMARKS:

This layout is for reference purpose on the preparation of LAN Layout only. The hardware indicated herein shall not be included in the costing.

NOTE:

Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job. The designer must be notified immediately of any variations from the dimensions and conditions shown by these drawings.

RA 9266 SECTION 33

Drawings and specifications and other contract documents duly signed, stamped or sealed, as instruments of service, are the intellectual property and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person to duplicate or make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole, without the written consent of the architect or author of said documents.



PROJECT TITLE
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:
ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II

DRAWN BY:
ENGR. REY JAY D. VINTUDAZO, ECT
ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER
ENGR. MEYNARD ANTHONY V. BANZON
HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

PRC REG. No. : 0051748
IAPOA No. : N/A
PTR No. :
Place : MARIVELES, BATAAN

Validity : APRIL 25, 2023
O.R. No. : N/A
Date : N/A
TIN : 313-459-811

NOTED BY:
CRISTAL-GAY F. SUSI
ADMINISTRATIVE OFFICER IV
PLANNING UNIT

COORDINATED WITH:
EFMU:
ENGR. MELVIN JAN A. YABUT, MPA
EFMU:
ENGR. JOHNIEL JUNE M. VILLANUEVA
HFDS:
AR. PAULO V. PABUJA, JAC
IHOMS:
SHIELA ROSE P. ARINGO

RECOMMENDING APPROVAL:
VINCENT A. ISIP
OFFICER IN CHARGE
HOSPITAL OPERATION PATIENT SUPPORT SERVICE

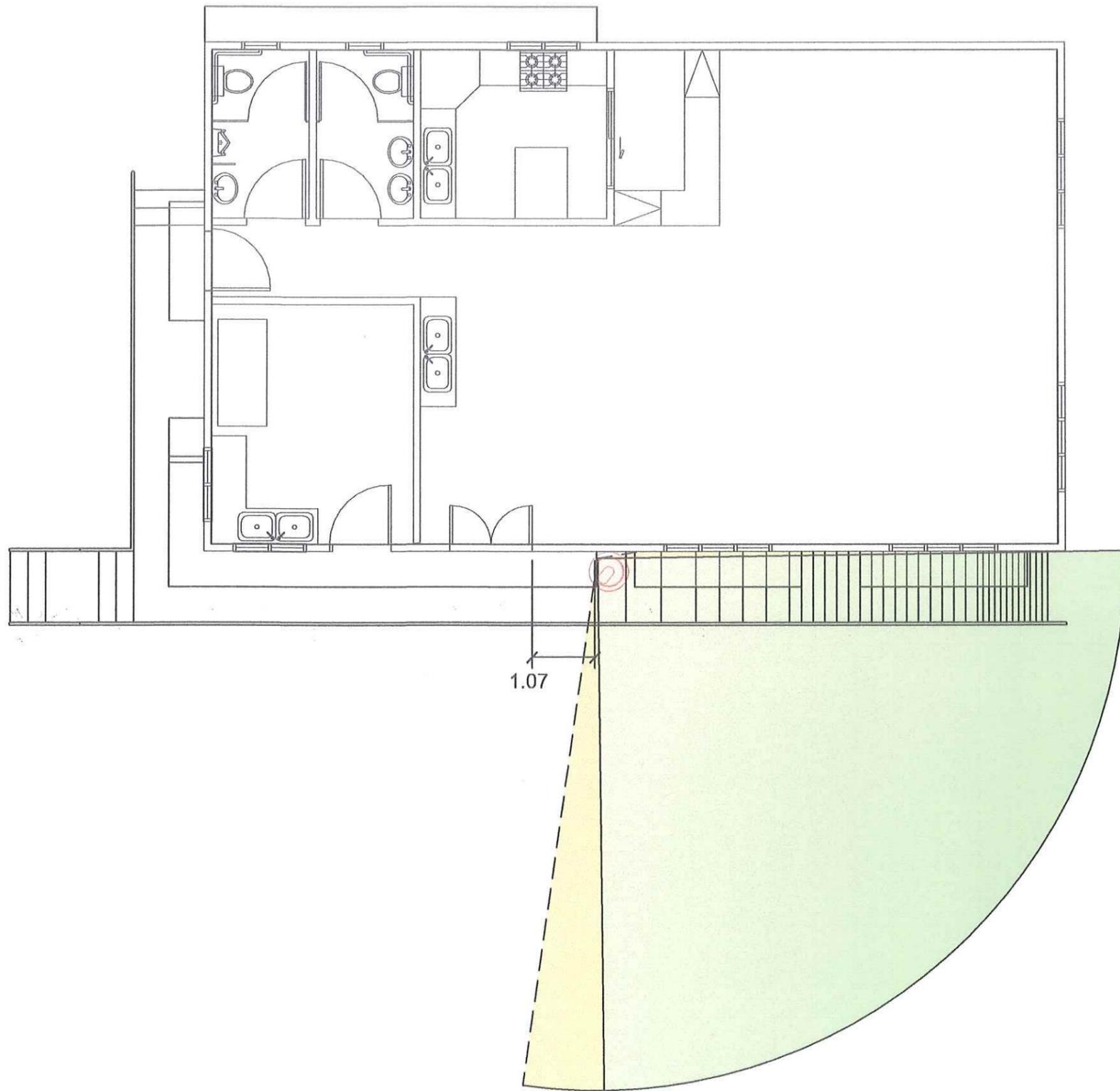
APPROVED BY:
MARIA LOURDES L. EVANGELISTA, MD, FPPA
MEDICAL CENTER CHIEF II
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

SHEET CONTENTS
AS SHOWN

REVISION NO.
00

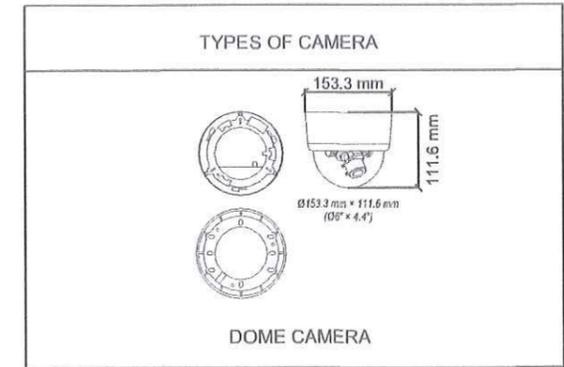
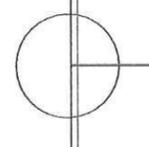
SHEET NO.
C10
of
C11

DATE PUBLISHED: NOVEMBER 2A, 2022

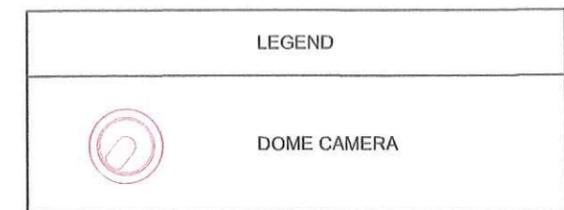


PACD BUILDING
GROUND FLOOR CCTV LAYOUT

SCALE 1:70 MTS



| CAMERA QUANTITY | |
|-----------------|---------------|
| GROUND FLOOR | 1 DOME CAMERA |



| INSTALLATION | |
|--------------|-----------------|
| DOMES CAMERA | CEILING MOUNTED |

NOTE TO THE END USER:
Please review the plan before signing as approval.

END USER:

MARIANNE D. DIZON
ADMINISTRATIVE ASSISTANT III
CUSTOMER SERVICE SECTION

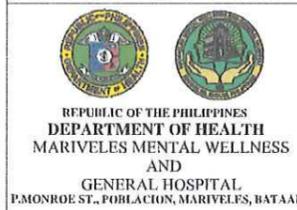
END USER:
N/A
N/A
N/A

END USER:
N/A
N/A
N/A

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PROJECT TITLE
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1

LOCATION:
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. MONROE ST., POBLACION, MARIVELES, BATAAN

DESIGNED BY:

ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II

DRAWN BY:

ENGR. TEJAY D. VIRADOR, ECT
ADMINISTRATIVE ASSISTANT II

ELECTRONICS ENGINEER

ENGR. MEYNARD ANTHONY V. BANZON
ENGINEER II
HEALTHCARE TECHNOLOGY MANAGEMENT SECTION

PRC REG. No. : 0051748 Validity : APRIL 25, 2023
IAPOA No. : N/A O.R. No. : N/A Date : N/A
PTR No. : Date : N/A
Place : MARIVELES, BATAAN TIN : 313-459-811

NOTED BY:

CRISTAL-GAY F. SUSI
ADMINISTRATIVE OFFICER IV
PLANNING UNIT

COORDINATED WITH:

EFMU:
ENGR. MELVIN JAN A. YABUT, MPA
EFMU:
ENGR. JOHNIEL JUNE M. VILLANUEVA
HFDS:
AR. PAULO X. PAGUIA, LAP
IHOMS:
SHIELA ROSE P. ARINGO

RECOMMENDING APPROVAL:

VINCENT A. ISIP
OFFICER IN CHARGE
HOSPITAL OPERATION PATIENT SUPPORT SERVICE

APPROVED BY:

MARIA LOURDES L. EVANGELISTA, MD, FPPA
MEDICAL CENTER CHIEF II
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

| SHEET CONTENTS | REVISION NO. |
|-----------------------------------|--------------|
| AS SHOWN | 00 |
| | SHEET NO. |
| | C11 of C11 |
| DATE PUBLISHED: NOVEMBER 28, 2022 | |



TERMS OF REFERENCE

Name of Project

Supply, Delivery, Testing and Commissioning of Brand New
ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM, PHASE I
(Public Bidding)

Technical Specification

1. Dome Camera – 75pcs

4MP Fixed Dome Network Camera (Full color capability on night)
High quality imaging with 4 MP resolution
24/7 colorful imaging
Excellent low-light performance
Water and dust resistant (IP67) and vandal resistant (IK08)
Efficient H.265+ compression technology
PoE Capable

2. Fisheye Camera – 2pcs

5 MP Network Fisheye Camera
Max. Resolution 2560 × 1920
Image Sensor 1/2.5" Progressive Scan CMOS
Min. Illumination Color: 0.01Lux @ (F1.2, Automatic Gain Control ON), 0.034Lux @ (F2.2, Automatic Gain Control ON), 0 Lux with IR on
Shutter Speed 1/3 s to 1/100,000 s
Lens 1.05 mm @ F2.2, horizontal field of view: 180°, vertical field of view: 180°
Lens Mount M12
Day & Night IR cut filter with auto switch
Wide Dynamic Range 120 dB
PoE Capable

3. Uninterruptible Power Supply – 6pcs

Ratings: 2000VA / 1600W
Battery: 1x 12V/9Ah
Interface: 4x Universal Socket LED Indicators
Form Factor: Tower
LED display or LCD display selectable
Microprocessor based digital control
Boost and buck AVR for voltage stabilization
Auto Sensing Frequency
Wide input voltage range
Power on self test
Cold start
Auto restart when mains power is restored
Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge.
Intelligent battery management: battery temperature compensation to extend --the battery life; three-stage charging to shorten recharge time
Short circuit, battery overcharge / overdischarge, overload, surge protections
Automatic charging in OFF mode.

VISION

Mariveles Mental Wellness and General Hospital is a center for specialized psychiatric care with holistic health services to the people of Central Luzon by 2023.

MISSION

We provide and advocate for quality mental and medical health care through promotive, preventive, curative and rehabilitative services with training and research.

QUALITY POLICY

The Mariveles Mental Wellness and General Hospital is committed to provide affordable and quality mental and medical health care with Integrity, Innovation, Inclusivity, Compassion, Excellence and Responsiveness.
We shall ensure compliance with statutory and regulatory requirements.
We pledge to continually improve our Quality Management System to exceed our clients' satisfaction.





Department of Health
Central Luzon Center for Health Development
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

P. Monroe Street, Poblacion, Mariveles, Bataan, Philippines, 2105

Trunkline: +63479354617; Office of the COH: +63476339006

mail@mmwgh.gov.ph

mmwgh.gov.ph



Optional no-load shutdown
Optional RS232 / USB Communication port and RJ11 / RJ45 protection
Unattended safety shutdown: system alarm and auto power-On / Off by RS232 or USB interface communicating with PC.

4. Network Video Recorder (NVR) with Advance Intelligence Technology

a. 32-ch NVR – 1pc

Up to 32-ch IP camera inputs
H.265+/H.265/H.264+/H.264 video formats
Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
Up to 256 Mbps incoming bandwidth
All channels support Motion Detection 2.0
1-ch facial recognition for video stream, or 4-ch facial recognition for face picture Smart search for the selected area in the video, and smart playback to improve the playback efficiency
H.265+ compression effectively reduces the storage space by up to 75%
Adopt stream over TLS encryption technology which provides more secure stream transmission service
Provide independent HDMI and VGA outputs
HDMI video output at up to 4K resolution
Up to 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
16-ch synchronous playback
2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

b. 16-ch NVR – 3pcs

Up to 16-ch IP camera inputs
H.265+/H.265/H.264+/H.264 video formats
Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
Up to 160 Mbps incoming bandwidth
All channels support Motion Detection 2.0
1-ch facial recognition for video stream, or 4-ch facial recognition for face picture Smart search for the selected area in the video, and smart playback to improve the playback efficiency
H.265+ compression effectively reduces the storage space by up to 75%
Adopt stream over TLS encryption technology which provides more secure stream transmission service
Provide independent HDMI and VGA outputs
HDMI video output at up to 4K resolution
Up to 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
16-ch synchronous playback
2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

c. 8-ch NVR – 2pcs

Up to 8-ch IP camera inputs
H.265+/H.265/H.264+/H.264 video formats
Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
Up to 80 Mbps incoming bandwidth
All channels support Motion Detection 2.0
1-ch facial recognition for video stream, or 4-ch facial recognition for face picture



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- Smart search for the selected area in the video, and smart playback to improve the playback efficiency
- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution
- Up to 2 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
- 8-ch synchronous playback
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface

5. CCTV Surveillance Hard Disk Drive 10TB – 18pcs

10TB CCTV Surveillance Grade Hard Disk Drive
SATA 3.5

AI firmware delivers zero dropped frames while supporting heavier workloads.

Intelligently adapt to the scale of your AI environment, supporting up to 64 HD video streams and 32 AI streams.

Health Management actively helps protect your surveillance storage by focusing on prevention, intervention, and recovery options Has fast volume rebuilds.

Higher reliability with at least 2M hours MTBF and a 550 TB/year workload rate

Powerful processing to welcome workload challenges — AI supports video analysis and recording simultaneously with GPU analytics workloads.

Multi-bay support with up to 16+ bays.

6. 32” CCTV Monitor – 6pcs

Backlit LED, at least 1080p to Full 4k Resolution

Wide Viewing Angle: 178° H/178° V

3D Comb Filter, 3D De-Interlace, 3D Noise Reduction, Skin Tone Correction

HDMI, VGA, BNC, and USB Inputs

Audio Input; Built-In Speakers

Image Freeze

High Reliability, Designed for 24 x 7 Use

Metal Bezel for High Durability

Inclusive of:

Engineering works and structured cabling

Wirings set-up layouting

Conduity / Moulding layout and installation

Terminations Tracing Loop Checking

Programming, Testing, Commissioning

Computer Software for CCTV Management (free and lifetime license)

Documentary Requirements

1. Product brochure or technical data sheet(s) of the equipment showing the technical specification in English language.
2. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO/IEC 27701 for security as a requirement for regulatory purposes in the name of the **manufacturer**.



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Department of Health
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MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL

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Trunkline: +63479354617; Office of the COH: +63476339006

mail@mmwgh.gov.ph

mmwgh.gov.ph



- Valid Certificate of Distribution issued by the Manufacturer of each equipment authorizing the bidder to sell/distribute the offered equipment.

Requirements if awarded the Contract

- Completion period:** The delivery, installation, testing and commissioning of the equipment and its accessories, including the training of end-user and maintenance staff must be completed within **60 calendar days** upon receipt of the Notice to Proceed.

Note: The Bids and Award Committee (BAC) and the winning bidder can agree on the number of days for the completion period.

- Testing:** The equipment and accessories must be functioning with no physical damage and/or defect.
- Training:** The supplier shall provide a training on the proper use and maintenance of the equipment to the end-user and to the hospital maintenance staff. The training must consist of familiarization of the equipment controls, display, functions, setting, etc.
- Warranty:** Warranty certificate for two (2) years on parts and on services and 5 (five) years full IT support on software. Preventive maintenance must be conducted semi-annually from the date of commissioning. The supplier shall either repair or replace any item or part in the equipment that is found to be defective in material or in workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.
- Notarized undertaking that the supplier shall conduct the necessary corrective maintenance within five (5) calendar days upon notification of equipment breakdown from the end-user. The undertaking shall include a statement that the number of days where the equipment is unusable due to defective material or workmanship, shall be added to warranty period.
- Manuals:** The supplier provide the end-user one (1) hard or one (1) soft copy of any/both of the following:
 - Service manual in English language
 - Operations manual in English language

Prepared by:

MEYNARD ANTHONY V. BANZON, ECE
Engineer II / Planning - HTMS

CRISTAL GAY F. SUSI
Administrative Officer IV / Head, Planning

Approved by:

MARIA LOURDES L. EVANGELISTA, MD, FPPA
Medical Center Chief II

ZORAIDA F. AFABLE, MD
BAC Chairperson



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Bid Form

Date: _____
Invitation to Bid¹ N^o: _____

To: *[name and address of Procuring Entity]*

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform] [description of the Goods]* in conformity with the said Bidding Documents for the sum of *[total Bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in **BDS** provision for **ITB** Clause **Error! Reference source not found.** and it shall remain binding upon us and may be accepted 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 Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause **Error! Reference source not found.** of the Bidding Documents.

We likewise certify/confirm that the undersigned, *[for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of Name of Bidder, has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the Name of Project of the Name of the Procuring Entity]* *[for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the*

¹ If ADB, JICA and WB funded projects, use IFB.

² Applicable only if the Funding Source is the ADB, JICA or WB.

Name of Bidder, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for Name of Project of the Name of the Procuring Entity].

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.

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

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

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] 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. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

[If a sole proprietorship:] 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;

[If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* 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;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* 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. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining 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 *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly 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 ___, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]



Republic of the Philippines
DEPARTMENT OF HEALTH
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. Monroe St., Poblacion, Mariveles, Bataan



INDIVIDUAL PROJECT PROGRAM OF WORK

Date: January 10, 2023

PROJECT TITLE : ESTABLISHMENT OF COMMAND CENTER CENTRALIZED
CCTV SYSTEM PHASE 1

APPROP. ACT
TITLE/SEC.
PAGE/ITEM
APPROP.
ALLOTMENT:

LOCATION : MMWGH Compound, Mariveles, BATAAN

DIMENSION/TECHNICAL DESCRIPTION :

STARTING DATE :

NO. OF CALENDAR DAYS TO COMPLETE: 60 c.d

I. EQUIPMENT TO BE USED
A. EQUIPMENT ON HAND B. EQUIPMENT STILL TO BE ACQUIRED

II. SCOPE OF WORK

| WORK ITEM | % OF TOTAL | AMOUNT (P) |
|--|------------|---------------------|
| I CCTV System Installation Works | 75.54% | 1,482,225.80 |
| II Commissioning, Troubleshooting, Testing Works | 24.46% | 480,000.00 |
| TOTAL | | 1,962,225.80 |

| ITEM | AMOUNT (P) |
|---|---------------------|
| I. DIRECT COST | |
| a. MOBILIZATION AND DEMOBILIZATION | |
| b. TOTAL COST OF MATERIALS | P 1,482,225.80 |
| c. TOTAL COST OF LABOR | P 480,000.00 |
| d. COST ADJUSTMENT (%) | |
| e. EQUIPMENT EXPENSES | |
| f. ACQUISITION OF SITE/RIGHT OF WAY | |
| g. TESTING MATERIALS AND RESEARCH | |
| h. PERMITS | |
| II. INDIRECT COST | |
| a. OVERHEAD EXPENSES(Superv., Transp., Office, 5-8% of I) | 98,111.29 |
| b. CONTINGENCIES (0.5-3% OF I) | 9,811.13 |
| c. MISCELLANEOUS (0.5-1% OF I) | 9,811.13 |
| d. CONTRACTOR'S PROFIT (5 - 10% OF I) | 98,111.29 |
| e. CONTRACTOR'S TAX (12% OF I's and IIa-d) | 235,467.10 |
| TOTAL ESTIMATED CONTRACT COST (I to II) | 1,962,225.80 |
| ENGINEERING OVERHEAD (3% to 5%) | |
| TOTAL ESTIMATED PROJECT COST | 1,962,225.80 |

Prepared by:

MEYNARD ANTHONY V. BANZON, ECE
Engineer II

Checked by:

CRISTAL GAY F. SUSI
Administrative Officer IV

Recommending Approval :

VINCENT A. ISIP
Chief Administrative Officer

Approved :

MARIA LOURDES L. EVANGELISTA, MD, FPPA
Medical Center Chief II

Republic of the Philippines
Department of Health
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. Monroe St., Poblacion, Mariveles, Bataan

PROJECT TITLE : ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM
PHASE 1
LOCATION : MMWGH Compound, Mariveles, BATAAN
SUBJECT : SCOPE OF WORKS AND SPECIFICATIONS

GENERAL REQUIREMENTS

1. Furnish all labor, materials, equipment, tools and other facilities to complete the entire works including electronics, and network peripherals for use/functional the **ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1**, in accordance with the plans, specifications, scope of works, summary of materials and finishes, bid bulletin/s, instructions during project implementation, etc., and other contract documents.
2. Protect from damages all existing utility lines, structures, etc., within the site and adjoining areas that may be damaged shall be repaired/replaced by the contractor without extra cost to the owner.

I. CCTV System Installation Works

a. Camera Installation

1. Securely install the cameras using appropriate number of screws either to the ceiling or wall in accordance to the plan.
2. Camera lens shall focus the correct area based on the CCTV layout design.

b. Network Peripherals Installation

1. Network switches specified in the detailed technical specification must be used following the network design and installed in a secured wall mounted data cabinet with structured cabling and plugged into an Uninterruptible Power Supply (UPS) rated at 2kVA.
2. Unshielded Twisted Pair Cable Cat 6 (UTP Cat6) must be used and allot at least 0.5m of allowance from the total length required end to end.
3. Install cable tag each UTP for proper identification of the camera.
4. Indoor rated UTP cable must be used in an indoor setting while Outdoor rated UTP cable for outdoors.
5. Use plastic flexible conduit, PVC cable tray in cable layout for indoors, however a plastic electrical moulding may be used in case the plastic flexible conduit is unavailable.
6. For outdoor, use outdoor rated cable conduit via areal installation (weatherproof).

c. Network Video Recorder (NVR) and Monitoring Installation

1. The NVR specified in the detailed technical specification following the design must be installed inside a secured wall mounted data cabinet equipped with a wired/wireless mouse whichever is available and plugged to the UPS. Area of installation will be on the temporary office of HTMS.
2. A 32" CCTV dedicated monitor must be wall mounted, connected via HDMI slot from the NVR and plugged also into the UPS.

II. Mobilization and Commissioning Works

1. Mobilization onsite includes all necessary materials needed for installation and commissioning of the system. Items to be used must comply to the specifications stated.
2. Conduct testing and provide adequate troubleshooting if necessary for complete functionality test of the system prior to commissioning and turnover.
3. Provide detailed list of IP addresses of every IP Camera and location in each system.

OTHER ITEMS

1. Provide training for operations and maintenance upon commissioning and turn-over of the system.
2. Contractor is required to have all members of the crew to wear uniform T-shirt (one color) bearing the Contractor's name and address for identification.
3. Contractor is required to have all members of the crew to wear proper Personal Protective Equipment at all times in the work site.

EQUIPMENT

1. Make use of the necessary tools and equipment for all items of works to complete the project.

TIME OF COMPLETION

The project shall be completed thoroughly cleaned and rendered ready for use not later than **SIXTY CALENDAR DAYS** (60 Calendar Days) in accordance with the plans, specifications, supplemental drawings, scope of works, summary of relevant characteristics of materials and finishes and other contract documents and as provided for in the IRR of RA 9184.

Prepared by:



MEYNARD ANTHONY V. BANZON, ECE
Engineer II

Checked by:



CRISTAL GAY F. SUSI
Administrative Officer IV

Recommending Approval:



VINCENT A. ISIP
Chief Administrative Officer

Approved:



MARIA LOURDES L. EVANGELISTA, MD, FPPA
Medical Center Chief II

PROJECT : ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1
OWNER: DEPARTMENT OF HEALTH
LOCATION : MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL (MMWGH)

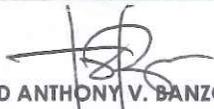
BILL OF QUANTITIES

| ITEM | DESCRIPTION | QUANTITY | UNIT | MATERIAL COST | TOTAL MATERIAL COST | LABOR COST | TOTAL LABOR COST | TOTAL COST |
|--------------|---|----------|------|---------------|---------------------|------------|------------------|------------|
| DIV.1 | Equipment | | | | | | | |
| 1.1 | 4MP Fixed Dome Network Camera (Full color capability on night) High quality imaging with 4 MP resolution 24/7 colorful imaging Excellent low-light performance Water and dust resistant (IP67) and vandal resistant (IK08) Efficient H.265+ compression technology PoE Capable | 75.00 | pcs | 8,206.00 | 615,450.00 | - | - | 615,450.00 |
| 1.2 | 5 MP Network Fisheye Camera Max. Resolution 2560 × 1920 Image Sensor 1/2.5" Progressive Scan CMOS Min. Illumination Color: 0.01Lux @ (F1.2, AGC ON), 0.034Lux @ (F2.2, AGC ON), 0 Lux ² with IR on Shutter Speed 1/3 s to 1/100,000 s Lens 1.05 mm @ F2.2, horizontal field of view: 180°, vertical field of view: 180° Lens Mount M12 Day & Night IR cut filter with auto switch DNR 3D DNR Wide Dynamic Range 120 dB PoE Capable | 2.00 | pcs | 21,780.00 | 43,560.00 | - | - | 43,560.00 |
| 1.3 | Uninterruptible Power Supply Ratings: 2000VA / 600W Battery: 1x 12V/9Ah Interface: 4x Universal Socket LED Indicators Form Factor: Tower Size: 95 x 320 x 160mm Weight: 5.8 Kg - LED display or LCD display selectable - Microprocessor based digital control - Boost and buck AVR for voltage stabilization - Auto Sensing Frequency - Wide input voltage range - Power on self test - Cold start - Auto restart when mains power is restoredAuto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge. - Intelligent battery management: battery temperature compensation to extend -- the battery life; three-stage charging to shorten recharge time - Short circuit, battery overcharge / overdischarge, overload, surge protections - Automatic charging in OFF mode. - Optional no-load shutdown - Optional RS232 / USB Communication port and RJ11 / RJ45 protection - Unattended safety shutdown: system alarm and auto power-On / Off by RS232 or USB interface communicating with PC. | 6.00 | pcs | 4,180.00 | 25,080.00 | - | - | 25,080.00 |

| | | | | | | | |
|-----|---|------|----|-----------|-----------|---|------------------|
| 1.4 | <p>Network Video Recorder (Artificial Intelligence Tech) Up to 32-ch IP camera inputs H.265+/H.265/H.264+/H.264 video formats Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity Up to 256 Mbps incoming bandwidth All channels support Motion Detection 2.0 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture Smart search for the selected area in the video, and smart playback to improve the playback efficiency H.265+ compression effectively reduces the storage space by up to 75% Adopt stream over TLS encryption technology which provides more secure stream transmission service Provide independent HDMI and VGA outputs HDMI video output at up to 4K resolution Up to 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD) 16-ch synchronous playback 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces</p> | 1.00 | pc | 32,780.00 | 32,780.00 | - | 32,780.00 |
| 1.5 | <p>Network Video Recorder (Artificial Intelligence Tech) Up to 16-ch IP camera inputs H.265+/H.265/H.264+/H.264 video formats Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity Up to 160 Mbps incoming bandwidth All channels support Motion Detection 2.0 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture Smart search for the selected area in the video, and smart playback to improve the playback efficiency H.265+ compression effectively reduces the storage space by up to 75% Adopt stream over TLS encryption technology which provides more secure stream transmission service Provide independent HDMI and VGA outputs HDMI video output at up to 4K resolution Up to 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD) 16-ch synchronous playback 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces</p> | 3.00 | pc | 20,790.00 | 62,370.00 | - | 62,370.00 |
| 1.6 | <p>Network Video Recorder (Artificial Intelligence Tech) Up to 8-ch IP camera inputs H.265+/H.265/H.264+/H.264 video formats Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity Up to 80 Mbps incoming bandwidth All channels support Motion Detection 2.0 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture Smart search for the selected area in the video, and smart playback to improve the playback efficiency H.265+ compression effectively reduces the storage space by up to 75% Adopt stream over TLS encryption technology which provides more secure stream transmission service Provide independent HDMI and VGA outputs HDMI video output at up to 4K resolution Up to 2 SATA interfaces for HDD connection (up to 10 TB capacity per HDD) 8-ch synchronous playback 1 self-adaptive 10/100/1000 Mbps Ethernet interface</p> | 2.00 | pc | 9,282.90 | 18,565.80 | - | 18,565.80 |

| | | | | | | | |
|---|--|-------|-----|------------|------------|------------|---------------------|
| 1.7 | <p>AI 10TB CCTV Surveillance Hard Disk Drive SATA 3.5 ST10000VE001 ImagePerfect™ AI firmware delivers zero dropped frames while supporting heavier workloads. Versatile capabilities intelligently adapt to the scale of your AI environment, supporting up to 64 HD video streams and 32 AI streams. Rest easy with three years of Rescue Data Recovery Services, offering an industry-leading 90% success rate against unexpected data loss from power outages, natural disasters, user error, viruses and more. Health/Management actively helps protect your surveillance storage by focusing on prevention, intervention, and recovery options. Included RAID RapidRebuild™ provides 3x faster volume rebuilds. Higher reliability with 2M hours MTBF and a 550 TB/year workload rate for more than 3x that of standard surveillance hard drives. Powerful processing to welcome workload challenges — AI supports video analysis and recording simultaneously with GPU analytics workloads. Enjoy consistent performance with built-in rotational vibration sensors providing reliable storage for NAS with little lag or downtime. Multi-bay support helps you meet your growing storage demands with up to 16+ bays.</p> | 18.00 | pcs | 26,290.00 | 473,220.00 | - | 473,220.00 |
| 1.8 | <p>CCTV Monitor Backlit LED, Full 4k Resolution • Wide Viewing Angle: 178° H/178° V • 3D Comb Filter, 3D De-Interlace, 3D Noise Reduction, Skin Tone Correction • HDMI, VGA, BNC, and USB Inputs • Audio Input; Built-In Speakers • Image Freeze • High Reliability, Designed for 24 x 7 Use • Metal Bezel for High Durability</p> | 6.00 | pcs | 35,200.00 | 211,200.00 | - | 211,200.00 |
| Total of Equipment Cost | | | | | | | 1,482,225.80 |
| DIV.2 | Installation and Commissioning | | | | | | |
| 2.1 | <p>Installation fee with delivery of materials Wirings set-up layouting Pipings/Mouldings layout and installation Tracing Terminations Loop Checking Programming, Testing, Commissioning 2 years Warranty on the system (Parts and Service)</p> | 1.00 | lot | 480,000.00 | 480,000.00 | 480,000.00 | 480,000.00 |
| Total of Installation and Commissioning Cost | | | | | | | 480,000.00 |
| Total Project Cost | | | | | | | 1,962,225.80 |

Prepared by:



MEYNARD ANTHONY V. BANZON, ECE
Engineer II - Healthcare Technology Management Section

Approved by:



MARIA LOURDES L. EVANGELISTA, MD, FPPA
Medical Center Chief II

Reviewed by:



CRISTAL GAY F. SUSI
Planning Unit - Head



VINCENT A. ISIP
Chief Administrative Officer



SHIEL ROSE P. ARINGO
CMT III 11/13/23

Republic of the Philippines
Department of Health
MARIVELES MENTAL WELLNESS AND GENERAL HOSPITAL
P. Monroe St., Poblacion, Mariveles, Bataan

PROJECT TITLE : ESTABLISHMENT OF COMMAND CENTER CENTRALIZED CCTV SYSTEM PHASE 1
LOCATION : MMWGH Compound, Mariveles, BATAAN

COST ESTIMATE

| ITEM | DESCRIPTION | QTY. | UNIT | MATERIALS | | LABOR | EQUIPMENT | TOTAL |
|---|--|-------|----------|-----------|------------|------------|------------|-------|
| | | | | UNIT COST | TOTAL COST | TOTAL COST | TOTAL COST | |
| 1 | CCTV System Installation Works | | | | | | | |
| | a. 4MP Fixed Dome Network Camera (Full color capability on night) -High quality imaging with 4 MP resolution -24/7 colorful imaging -Excellent low-light performance -Water and dust resistant (IP67) and vandal resistant (IK08) -Efficient H.265+ compression technology -PoE Capable | 75.00 | pcs | 8,206.00 | 615,450.00 | - | - | - |
| | b. 5 MP Network Fisheye Camera -Max. Resolution 2560 × 1920 -Image Sensor 1/2.5" Progressive Scan CMOS -Min. Illumination Color: 0.01Lux @ (F1.2, AGC ON), 0.034Lux @ (F2.2, AGC ON), 0 Lux with IR on -Shutter Speed 1/3 s to 1/100,000 s -Lens 1.05 mm @ F2.2, horizontal field of view: 180°, vertical field of view: 180° -Lens Mount M12 -Day & Night IR cut filter with auto switch DNR 3D DNR -Wide Dynamic Range 120 dB -PoE Capable | 2.00 | pcs | 21,780.00 | 43,560.00 | - | - | - |
| c. Uninterruptible Power Supply Ratings: 2000VA / 1800W Battery: 1x 12V/9Ah Interface: 4x Universal Socket LED Indicators Form Factor: Tower Size: 95 x 320 x 160mm Weight: 5.8 Kg - LED display or LCD display selectable - Microprocessor based digital control - Boost and buck AVR for voltage stabilization - Auto Sensing Frequency - Wide input voltage range - Power on self test - Cold start - Auto restart when mains power is restored Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge. - Intelligent battery management: battery temperature compensation to extend –the battery life; three-stage charging to shorten recharge time - Short circuit, battery overcharge / overdischarge, overload, surge protections - Automatic charging in OFF mode. - Optional no-load shutdown - Optional RS232 / USB Communication port and RJ11 / RJ45 protection - Unattended safety shutdown: system alarm and auto power-On / Off by RS232 or USB interface communicating with PC. | 6.00 | pcs | 4,180.00 | 25,080.00 | - | - | - | |

d. Network Video Recorder (Artificial Intelligence Tech)
 Up to 32-ch IP camera inputs
 H.265+/H.265/H.264+/H.264 video formats
 Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
 Up to 256 Mbps incoming bandwidth
 All channels support Motion Detection 2.0
 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
 Smart search for the selected area in the video, and smart playback to improve the playback efficiency
 H.265+ compression effectively reduces the storage space by up to 75%
 Adopt stream over TLS encryption technology which provides more secure stream transmission service
 Provide independent HDMI and VGA outputs
 HDMI video output at up to 4K resolution
 Up to 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
 16-ch synchronous playback
 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

1.00

pc

32,780.00

32,780.00

-

-

-

e. Network Video Recorder (Artificial Intelligence Tech)

Up to 16-ch IP camera inputs
 H.265+/H.265/H.264+/H.264 video formats
 Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
 Up to 160 Mbps incoming bandwidth
 All channels support Motion Detection 2.0
 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
 Smart search for the selected area in the video, and smart playback to improve the playback efficiency
 H.265+ compression effectively reduces the storage space by up to 75%
 Adopt stream over TLS encryption technology which provides more secure stream transmission service
 Provide independent HDMI and VGA outputs
 HDMI video output at up to 4K resolution
 Up to 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
 16-ch synchronous playback
 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

3.00

pcs

20,790.00

62,370.00

-

-

-

| | | | | | | | |
|---|-------|-----|-----------|--------------|---|---|--------------|
| <p>f. Network Video Recorder (Artificial Intelligence Tech)</p> <p>Up to 8-ch IP camera inputs H.265+/H.265/H.264+/H.264 video formats Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity Up to 80 Mbps incoming bandwidth All channels support Motion Detection 2.0 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture Smart search for the selected area in the video, and smart playback to improve the playback efficiency H.265+ compression effectively reduces the storage space by up to 75% Adopt stream over TLS encryption technology which provides more secure stream transmission service Provide independent HDMI and VGA outputs HDMI video output at up to 4K resolution Up to 2 SATA interfaces for HDD connection (up to 10 TB capacity per HDD) 8-ch synchronous playback 1 self-adaptive 10/100/1000 Mbps Ethernet interface</p> | 2.00 | pcs | 9,282.90 | 18,565.80 | - | - | - |
| <p>g. AI 10TB CCTV Surveillance Hard Disk Drive SATA 3.5 ST10000VE001</p> <p>ImagePerfect™ AI firmware delivers zero dropped frames while supporting heavier workloads.</p> <p>Versatile capabilities intelligently adapt to the scale of your AI environment, supporting up to 64 HD video streams and 32 AI streams.</p> <p>Rest easy with three years of Rescue Data Recovery Services, offering an industry-leading 90% success rate against unexpected data loss from power outages, natural disasters, user error, viruses and more.</p> <p>SkyHawk Health Management actively helps protect your surveillance storage by focusing on prevention, intervention, and recovery options. Included RAID RapidRebuild™ provides 3× faster volume rebuilds.</p> <p>Higher reliability with 2M hours MTBF and a 550 TB/year workload rate for more than 3× that of standard surveillance hard drives.</p> <p>Powerful processing to welcome workload challenges — SkyHawk AI supports video analysis and recording simultaneously with GPU analytics workloads.</p> <p>Enjoy consistent performance with built-in rotational vibration sensors providing reliable storage for NAS with little lag or downtime.</p> <p>Multi-bay support helps you meet your growing storage demands with up to 16+ bays.</p> | 18.00 | pcs | 26,290.00 | 473,220.00 | - | - | - |
| <p>h. CCTV Monitor</p> <p>32" 4K, HDMI*2, VGA*1, USB2.0, USB3.0, built-in speaker, plastic casing, VESA, 7*24h</p> | 6.00 | pcs | 35,200.00 | 211,200.00 | - | - | - |
| | | | | 1,482,225.80 | - | - | 1,482,225.80 |

| | | | | | | | | |
|-----|---|------|-----|------------|---|------------|---|------------|
| II. | Mobilization and Commissioning Works Installation with delivery of materials Wirings set-up layouting Pippings/Mouldings layout and installation Tracing Terminations Loop Checking Programming Testing Commissioning 2 years Warranty on the system (Parts and Service) | 1.00 | lot | 480,000.00 | - | 480,000.00 | - | - |
| | | | | | | 480,000.00 | | 480,000.00 |

Prepared by :



MEYNARD ANTHONY V. BANZON, ECE
 Engineer II

Recommending Approval :



VINCENT A. ISIP
 Chief Administrative Officer

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CRISTAL GAY F. SUSI
 Administrative Officer IV

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MARIA LOURDES L. EVANGELISTA, MD, FPPA
 Medical Center Chief II