

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

CONSTRUCTION OF SEWERAGE TREATMENT FACILITY AT PUBLIC MARKET, CABATUAN, ILOILO

Project Reference No. Infra 2023-03-002

P.R. No. 2023-01-0019

ABC = ₱ 14,892,699.26

Pre-Bid Conference: March 30, 2023

Opening of Bid: April 13, 2023

Local Government Unit of Cabatuan, Iloilo

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	12
5. Eligible Bidders.....	13
6. Origin of Associated Goods	13
7. Subcontracts	13
8. Pre-Bid Conference.....	14
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	15
12. Alternative Bids	15
13. Bid Prices	15
14. Bid and Payment Currencies.....	16
15. Bid Security.....	16
16. Sealing and Marking of Bids.....	16
17. Deadline for Submission of Bids	16
18. Opening and Preliminary Examination of Bids	16
19. Detailed Evaluation and Comparison of Bids	17
20. Post Qualification.....	17
21. Signing of the Contract	17
Section III. Bid Data Sheet	18
Section IV. General Conditions of Contract.....	21
1. Scope of Contract.....	22
2. Sectional Completion of Works	22
3. Possession of Site	22
4. The Contractor’s Obligations.....	22

5.	Performance Security	23
6.	Site Investigation Reports	23
7.	Warranty.....	23
8.	Liability of the Contractor.....	23
9.	Termination for Other Causes.....	23
10.	Dayworks	24
11.	Program of Work.....	24
12.	Instructions, Inspections and Audits	24
13.	Advance Payment.....	24
14.	Progress Payments	25
15.	Operating and Maintenance Manuals.....	25
	Section V. Special Conditions of Contract.....	26
	Section VI. Specifications	28
	Section VII. Drawings.....	30
	Section VIII. Bill of Quantities.....	31
	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.



Republic of the Philippines
Province of Iloilo
MUNICIPALITY OF CABATUAN
Bids and Awards Committee
Telefax (033) 522-8940; Tel (033) 522-7861 local 106

INFRA 2023-03-002

INVITATION TO BID

CONSTRUCTION OF SEWERAGE TREATMENT FACILITY AT CABATUAN PUBLIC MARKET

1. The **Local Government Unit of Cabatuan, Iloilo**, through the **20% Dev't. Fund-Public Market** intends to apply the sum of **Fourteen Million Eight Hundred Ninety Two Thousand Six Hundred Ninety Nine Pesos & 26/100 (₱ 14,892,699.26)** being the ABC to payments under the contract for **Furnishing of Labor and Materials for the Construction of Sewerage Treatment Facility at, Cabatuan Public Market** with **PR No. 2023-01-0019**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **Local Government Unit of Cabatuan, Iloilo** now invites bids for the above Procurement Project. Completion of Works is required within **One Hundred Forty (140) Calendar Days**. **Bidders should have completed a contract similar to the Project within five (5) years prior to the date of submission and receipts of bids**. 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 a non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
 - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
5. Interested Bidders may obtain further information from LGU-Cabatuan, Iloilo Bids and Awards Committee Secretariat and inspect the Bidding Documents at the address given below from **9:00 A.M. to 5:00 P.M.**
6. A complete set of Bidding Documents may be inspected and acquired by interested Bidders from the BAC Secretariat in the address below, starting on **March 23, 2023**, (*during office hour*), from **9:00 A.M. to 5:00 P.M.** and upon payment of a non-

refundable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB in the amount of **Twenty Five Thousand Pesos (P25,000.00)**.

7. The **Local Government Unit of Cabatuan, Iloilo** will hold a Pre-Bid Conference on **March 30, 2023 @ 1:30 P.M. @ Conference Room, 2nd Floor, Municipal Bldg, Cabatuan, Iloilo**, which shall be open to prospective bidders, but attendance shall not be mandatory.
8. Bids must be duly received by the BAC Secretariat through manual submission at the **Conference Room, 2nd Floor, Municipal Bldg, Cabatuan, Iloilo**, on or before **April 13, 2023, 1:30 P.M.** Late bids shall not be accepted.
9. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 14.
10. Bid opening shall be on **April 13, 2023, 1:30 P.M** at the **Conference Room, 2nd Floor, Municipal Bldg, Cabatuan, Iloilo**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
11. **If the day set as deadline for the dropping and opening of bids is declared a non-working day or there is work suspension, the deadline for the dropping and opening of bids shall be on the next working day.**
12. The **Local Government Unit of Cabatuan, Iloilo** reserves the right to accept or reject any bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 35.6 and 41 of the 2016 Revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
13. For further information, please refer to:

Bids and Awards Committee Secretariat

LGU-Cabatuan, Iloilo

2nd Floor, Municipal Bldg., Rizal St., Cabatuan, Iloilo

Tel No. 522-7861 local 106

Email address: **baclgucabatuan@gmail.com**

Original Signed
JOSE NORMAN R. UMADHAY
BAC Chairperson

mllm/

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 **Local Government Unit of Cabatuan, Iloilo** invites Bids for the **CONSTRUCTION OF SEWERAGE TREATMENT FACILITY AT PUBLIC MARKET, CABATUAN, ILOILO**, with Project Identification Number **PR No. 2023-01-0019**.

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 CY 2022 in the amount of **Fourteen Million Eight Hundred Ninety Two Thousand Six Hundred Ninety Nine Pesos and 26/100 (₱ 14,892,699.26)**.

2.2. The source of funding is:
20% Development Fund-Public Market

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:

[Select one, delete other/s]

- a. ~~Subcontracting is allowed. The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the **BDS**, which shall not exceed fifty percent (50%) of the contracted Works.~~
- b. Subcontracting is not allowed.

- 7.1. *[If Procuring Entity has determined that subcontracting is allowed during the bidding , state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criterion stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 7.2. *[If subcontracting is allowed during the contract implementation stage, state:]* The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.
- 7.3. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

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 *{[insert if applicable]}* and/or through videoconferencing/webcasting 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 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 *120 calendar days from the date of the opening of bids*. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

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	<p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <p>a. Construction of Sewerage Treatment Facility b. Completed within five (5) years prior to the submission and opening of bid.</p>																								
7.1	<i>Subcontracting is not allowed</i>																								
10.3	<p><i>PCAB License and Registration:</i> <i>Size Range : Medium A</i> <i>License Category : B</i> <i>Classification : General Building –GB 2(Sewerage or Sewage System)</i></p> <p>The bidder shall have at least five (5) years of experience similar to the project to be bid.</p>																								
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Key Personnel</u></th> <th style="text-align: left;"><u>General Experience</u></th> <th style="text-align: left;"><u>Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td>1 – Project Manager</td> <td>5 years</td> <td>with Experience as Project Manager</td> </tr> <tr> <td>1 – Project Engineer</td> <td>5 years</td> <td>A licensed Civil Engineer experience in similar works</td> </tr> <tr> <td>1 - Mechanical Engineer</td> <td>5 years</td> <td>A licensed Mechanical Engineer experience in similar works</td> </tr> <tr> <td>1 - Sanitary Engineer</td> <td>5 years</td> <td>A licensed Sanitary Engineer experience in similar works</td> </tr> <tr> <td>1—Safety/Health Officer</td> <td>5 years</td> <td>w/ Training Certificate as Safety Officer</td> </tr> <tr> <td>1- Materials Engineer</td> <td>5 years</td> <td>w/ Training Certificate as Materials Engineer</td> </tr> <tr> <td>1 – Foreman</td> <td>5 years</td> <td>with experience</td> </tr> </tbody> </table> <p>All key personnel must have an experience in Construction of Sewerage Facility</p>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	1 – Project Manager	5 years	with Experience as Project Manager	1 – Project Engineer	5 years	A licensed Civil Engineer experience in similar works	1 - Mechanical Engineer	5 years	A licensed Mechanical Engineer experience in similar works	1 - Sanitary Engineer	5 years	A licensed Sanitary Engineer experience in similar works	1—Safety/Health Officer	5 years	w/ Training Certificate as Safety Officer	1- Materials Engineer	5 years	w/ Training Certificate as Materials Engineer	1 – Foreman	5 years	with experience
<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>																							
1 – Project Manager	5 years	with Experience as Project Manager																							
1 – Project Engineer	5 years	A licensed Civil Engineer experience in similar works																							
1 - Mechanical Engineer	5 years	A licensed Mechanical Engineer experience in similar works																							
1 - Sanitary Engineer	5 years	A licensed Sanitary Engineer experience in similar works																							
1—Safety/Health Officer	5 years	w/ Training Certificate as Safety Officer																							
1- Materials Engineer	5 years	w/ Training Certificate as Materials Engineer																							
1 – Foreman	5 years	with experience																							
10.5	<p>The minimum major equipment requirements are the following:</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Capacity</u></th> <th style="text-align: left;"><u>Number of Units</u></th> </tr> </thead> <tbody> <tr> <td>1- Loader</td> <td></td> <td></td> </tr> <tr> <td>1- Dumptruck</td> <td></td> <td></td> </tr> <tr> <td>1- Boom Truck</td> <td></td> <td></td> </tr> <tr> <td>1- Pick up Truck</td> <td></td> <td></td> </tr> <tr> <td>1- One Bagger Concrete Mixer</td> <td></td> <td></td> </tr> <tr> <td>1- Plate compactor</td> <td></td> <td></td> </tr> <tr> <td>1- Concrete Vibrator</td> <td></td> <td></td> </tr> </tbody> </table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	1- Loader			1- Dumptruck			1- Boom Truck			1- Pick up Truck			1- One Bagger Concrete Mixer			1- Plate compactor			1- Concrete Vibrator		
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1- Concrete Vibrator																									

	<ul style="list-style-type: none"> 1- Pumpcrete 1- Welding Machine 1- Bar Cutter 1- Bar Bender 1- Cutting Outfit
12	<i>No further instruction</i>
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <ul style="list-style-type: none"> a. The amount of not less than P83,982.40 [<i>Insert two percent (2%) of ABC</i>], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than P209,956.01 [<i>Insert five percent (5%) of ABC</i>] if bid security is in Surety Bond.
16	Each Bidder shall submit original copy and copy 1of the first and second components of its respectively
19.2	<i>Partial bids are not allowed</i>
20	<p>The Lowest Calculated Bidder shall submit the following:</p> <ol style="list-style-type: none"> 1. Registration certificate from Securities and Exchange Commission (SEC) for corporation, Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development authority (CDA) for cooperatives or its equivalent document; 2. Mayor's of 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; 3. Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR); 4. Latest Audited Financial statements; 5. Latest income tax return corresponding to the Audited Financial Statements submitted, filed electronically (EFPS)
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 approved by the DOLE, and other acceptable tools of project scheduling program.

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 affectivity 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>Project Duration: <u>140</u> calendar days from the receipt of approved Notice to Proceed</i>
4.1	<i>[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]</i>
6	The site investigation reports are: <i>[list here the required site investigation reports.]</i>
7.2	<i>[In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures:] Fifteen (15) years.</i> .
10	Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within seven (7) days upon receipt of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is P10,000.00 .
13	The amount of the advance payment is 15% of the Contract Price and schedule of payment.
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	The date by which operating and maintenance manuals are required is (date) . The date by which "as built" drawings are required is every time to support progress billing .
15.2	The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required No payment shall be made if not supported by as built drawings.

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.]

Section VIII. Bill of Quantities/Bid Form

Bid Form for the Procurement of Infrastructure Projects
CONSTRUCTION OF SEWERAGE TREATMENT FACILITY AT PUBLIC
MARKET, CABATUAN, ILOILO

BID FORM

Date : _____

Project Identification No : Infra 2023-03-002

To: LGU-CABATUAN, ILOILO

Cabatuan Municipal Hall
Rizal St, Cabatuan, Iloilo

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ for this purpose;

¹ currently based on GPPB Resolution No. 09-2020

- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and 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 the [Name of Project] of the [Name of the Procuring Entity].
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

BILL OF QUANTITIES AND BID PRICES

Contract No.: **Infra 2023-03-002**

Description of Contract: **Construction of Sewerage Treatment Facility**

Location: **Public Market, Cabatuan, Iloilo**

ABC – **P14,892,699.26**

Item No.	Description	Qty.	Unit	Unit Bid Price	Total
I	Temporary Facilities	1	lot		₱
II	Project Billboard and Sign Board	2	units		
III	Mobilization/Demobilization	1	lot		
IV	Safety and Health	1	lot		
V.	Demolition of Existing Structure	216.20	sq.m.		
VI.	Excavation	373.68	cu.m.		
VII	Embankment & Backfilling	109.37	cu.m.		
VIII	Hauling	264.31	cu.m.		
IX	Gravel Bedding	19.38	cu.m.		
X	Concrete Works	130.94	cu.m.		
XI	Reinforcing Steel	14246.16	kgs		
XII	Formworks	679.92	sq.m.		
XIII	Plastering Works	169.70	sq.m.		
XIV	Masonry (4" CHB & Concrete Louver)	84.85	sq.m.		
XV	Painting Works (Masonry)	200	sq.m.		
XVI	Painting Works (Steel)	48.28	sq.m.		
XVII	Water Proofing (Sedimentation Tank)	102.89	sq.m.		
XVIII	Steel Works	1	lot		
XIX	Reflective Insulation	32.56	sq.m.		
XX	Fabricated Metal Roofing Accessory (Flushing)	15.6	l.m.		
XXI	Prepainted Metal Sheets (Rib Type Long Span)	32.56	sq.m.		
XXII	Structural Steel (Trusses)	503.01	kgs		
XXIII	Ceiling (4.5mm, Metal Frame, Fiber Cement Board)	29.92	sq.m.		
XXIV	Structure Steel (Purlins)	293.22	Kg.		

XXV	Metal Structure (Gutter)	8.8	l.m		
XXVI	Mechanical Works	1	lot		
XXVII	Plumbing Works	1	lot		
XXVIII	Electrical Works	1	lot		
	TOTAL AMOUNT OF BIDS (In words and Figures) →				₱
Submitted by:					
_____		_____			_____
Name in Print & Signature of Bidder/Representative		Name of Firm			Date

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

Infra 2023-03-002 (PR No. 2023-01-0019) :Construction of Sewerage Treatment Facility at Public Market, Cabatuan, Iloilo

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- ☐ (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 for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- ☐ (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;
- ☐ 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; **and**
- ☐ (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 Supplier’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 (**Audited Financial Statement for CY 2019-2020**); **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 construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- ☐ (q) Cash Flow by Quarter.

IMPORTANT REMINDERS:

- A) Each and every page of the Bid Forms, under Section IX: Checklist of Technical and Financial documents hereof, shall be signified by the duly authorized representative/s of the Bidder. Failure to do so shall be a ground for the rejection of the bid.
- B) Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the Bidder.
- C) Bid documents shall be compiled in a folder/binder with the Annexes properly labeled with tabs/separators. (see checklist)
- D) Bidders shall submit their bids through their duly authorized representative enclosed in separate sealed envelopes, which shall be submitted simultaneously: 1 Original Copy and Copy 1**

All envelopes (envelopes 1 to 7 and the final/outer envelope shall indicate the following:

- addressed to the Procuring Entity's BAC
- name and address of the Bidder in Capital Letters
- name of the contract/projects to be bid in capital letters
- bear a warning "DO NOT OPEN BEFORE **April 13, 2023 @ 1:30 P.M.**"
the date and time for the opening of bids

- E) Bids submitted after the deadline shall only be marked for recording purpose, shall not be included in the opening of bids, and shall be returned to the bidder unopened.

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

Construction of Sewerage Treatment Facility at Public Market, Cabatuan, Iloilo

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

BID SECURING DECLARATION **Project Identification No.: [Infra 2023-03-002]**

To: LGU-CABATUAN, ILOILO
Cabatuan Municipal Hall
Rizal St, Cabatuan, Iloilo

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of [month] [year] at [place of execution].

*[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]

Omnibus Sworn Statement (Revised)
Construction of Sewerage Treatment Facility at Public Market, Cabatuan,
Iloilo

[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]

Procuring Entity: **LOCAL GOVERNMENT UNIT OF CABATUAN, ILOILO**
 Name of Project: **Construction of Sewerage Treatment Facility at Public Market, Cabatuan, Iloilo**
 Location of the Projects: Public Market, Cabatuan, Iloilo
ABC – P14,892,699.26

FINANCIAL DOCUMENT FOR ELIGIBILITY CHECK

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

		Year 2021
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Total Net Worth (1-3)	
6.	Current Net Worth or Net Working Capital (2-4)	

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

NFCC = [Current Asset – Current Liabilities] (15) minus value of all outstanding works or uncompleted portions of the project under ongoing contracts including, awarded contracts yet to be started coinciding with the contract to be bid.

The values of the domestic bidder’s current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR

Submitted by:

 Name of firm / Contractor

 Signature of Authorized Representative

Date: _____

Performance Securing Declaration (Revised)

[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

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

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]

To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

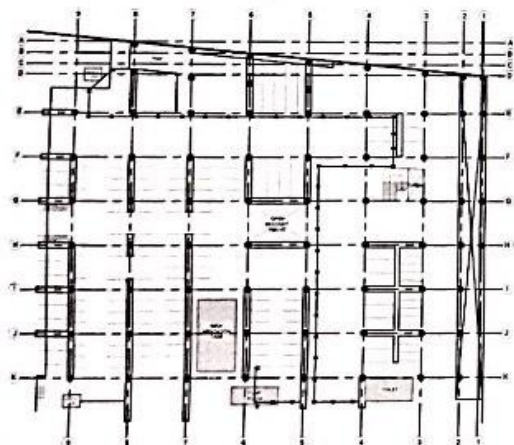
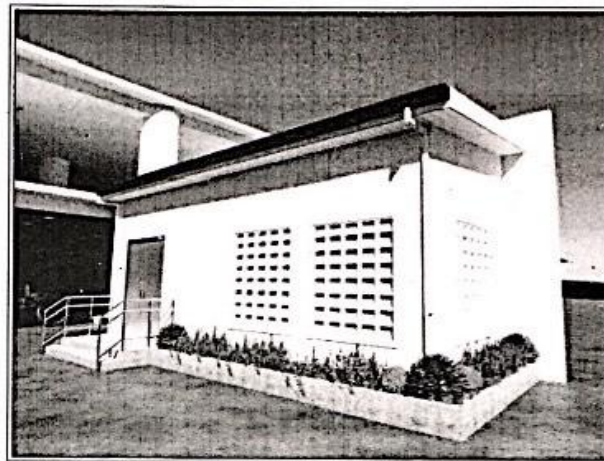
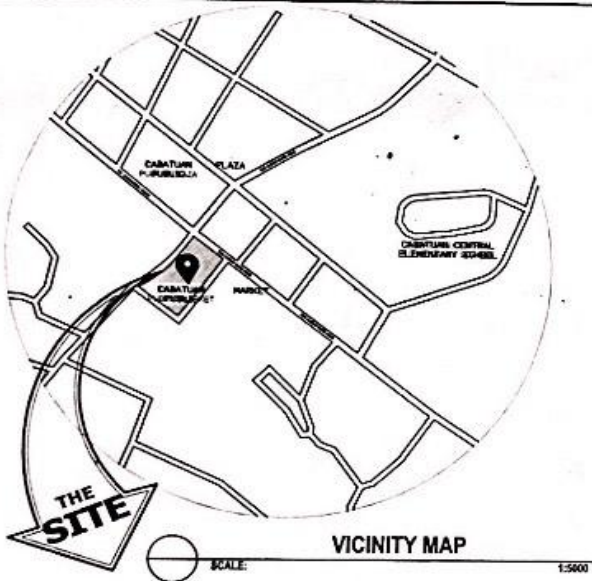
IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of [month] [year] at [place of execution].

*[Insert NAME OF BIDDER OR ITS
AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]*

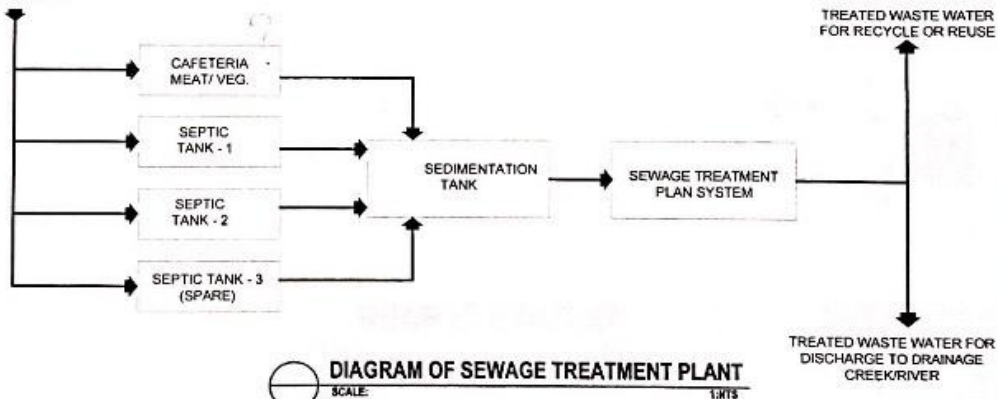
Affiant

[Jurat]

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



FROM MARKET



REPUBLIC OF THE PHILIPPINES
DPWH
OFFICE OF THE BUILDING OFFICIALS

ILOILO CITY

LAND USED AND ZONING

ARCHITECTURAL

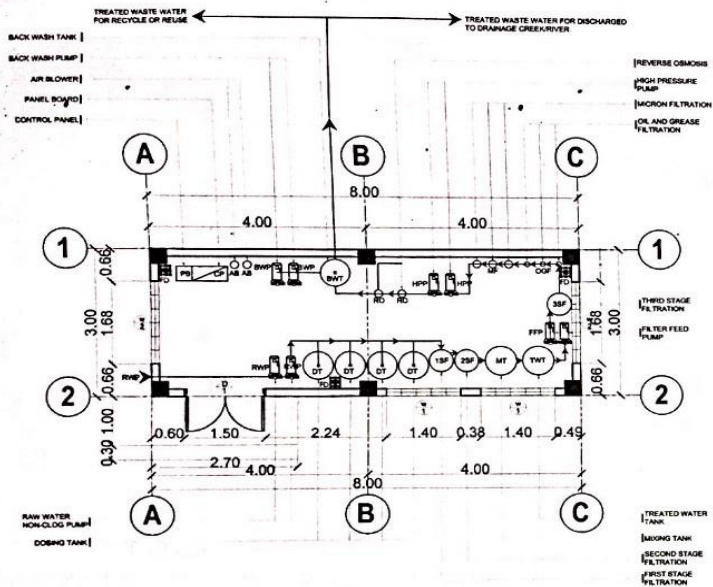
STRUCTURAL

PLUMBING

ELECTRICAL

MECHANICAL

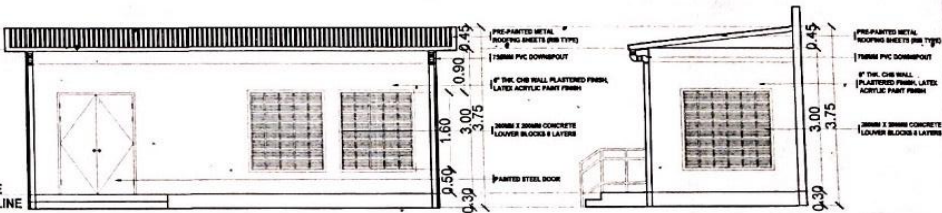
	PROJECT TITLE	SEC 33	RA 9296	OWNER	PREPARED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENTS	SHEET NO.
	CONSTRUCTION OF SEWERAGE TREATMENT FACILITY	<small>PROVIDES SPECIFIC TYPE, DATE, QUANTITY & RESULTS OF EXAMINED AS WELL AS STATE OF SERVICE AND THE PROPERTY. 2. CHARACTER OF THE PROJECT AND THE SUBJECT FOR WHICH THEY ARE MADE IS SUBJECT OF NO. IT SHALL BE VALID FOR ANY PERSON, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. OR RETURN OF SAID DOCUMENTS TO OWNER IS UP TO SAID OWNER OF SAID DOCUMENTS PURSUANT TO THE PROVISIONS OF AND FOR OTHER PROJECTS OF BUILDING, WHETHER SUBSEQUENTLY OR IN WHOLE.</small>	LGU-CABATUAN	RICARDO M. VALENZUELA MUNICIPAL ENGINEER	ENGR. JOSE NORMAN R. UMADHAY MUNICIPAL ADMINISTRATOR	HON. ELIZALDE G. PUEYO MUNICIPAL MAYOR	AS SHOWN		
<small>LOCATION: LOT 2, BLOCK 5, CABATUAN ILOILO</small>				CABATUAN ILOILO					



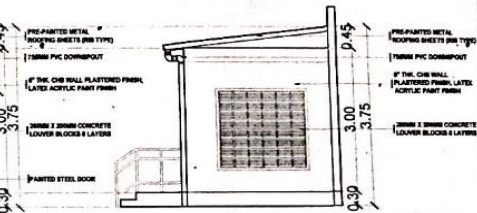
STP CONTROL ROOM PLAN
SCALE: 1:50

LEGEND	
CP	CONTROL PANEL
PB	PANEL BOARD
AB	AIR BLOWER
BWP	BACK WASH PUMP
BWT	BACK WASH TANK
HPP	HIGH PRESSURE PUMP
MF	MICRON FILTRATION
OF	OIL & GREASE FILTRATION
F1F	FIRST STAGE FILTRATION
S2F	SECOND STAGE FILTRATION
S3F	THIRD STAGE FILTRATION
FPF	FILTER FEED PUMP
TW	TREATED WATER TANK
RT	RAWING TANK
DT	DOSING TANK
RWP	RAW WATER NON-CLOG PUMP
RD	REVERSE OSMOSIS MEMBRANE

- ▼ TOP OF ROOF
- ▼ TOP OF BEAM
- ▼ FINISH FLOOR LINE
- ▼ NATURAL GRADE LINE

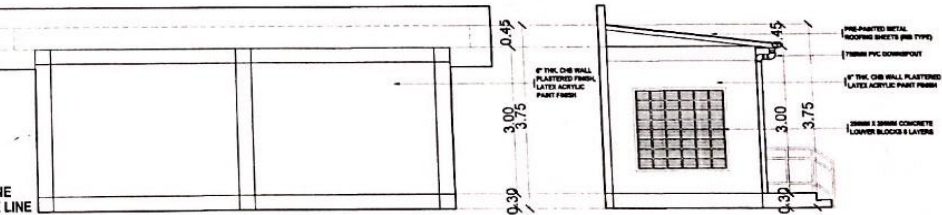


FRONT ELEVATION
SCALE: 1:50

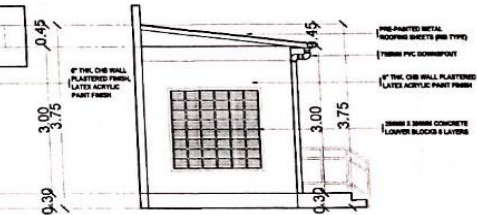


RIGHT SIDE ELEVATION
SCALE: 1:50

- ▼ TOP OF ROOF
- ▼ TOP OF BEAM
- ▼ FINISH FLOOR LINE
- ▼ NATURAL GRADE LINE

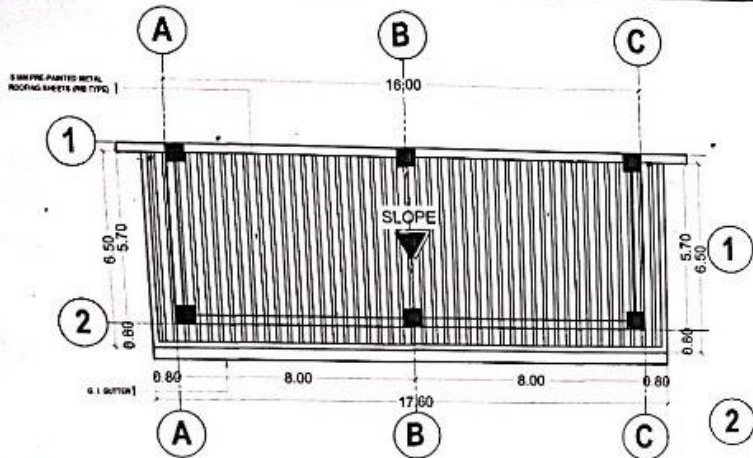


REAR ELEVATION
SCALE: 1:50



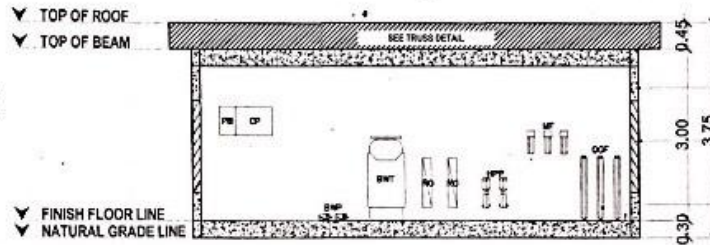
LEFT SIDE ELEVATION
SCALE: 1:50

	PROJECT TITLE	SEC 33	R.A. 9256	OWNER	PREPARED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENTS	SHEET NO.
	CONSTRUCTION OF SEWERAGE TREATMENT FACILITY			LGU-CABATUAN	RIZ ARMANO B. VALENZUELA	ENGR. JOSE NORMAN R. UMADHAY	HON. RIZALDE G. PUEYO	AS SHOWN	A 2 3
	LOCATION	LOT-2, BLOCK-5, CABATUAN, ILOILO		CABATUAN, ILOILO	MUNICIPAL ENGINEER	MUNICIPAL ADMINISTRATOR	MUNICIPAL MAYOR		



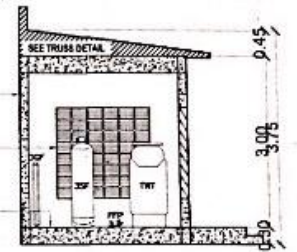
STP CONTROL ROOM ROOF PLAN

SCALE: 1:100



LONGITUDINAL SECTION

SCALE: 1:50

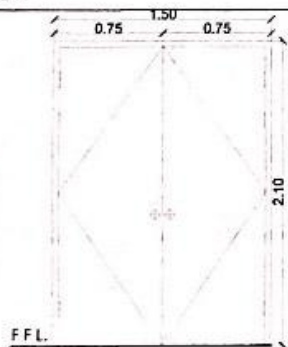


CROSS SECTION

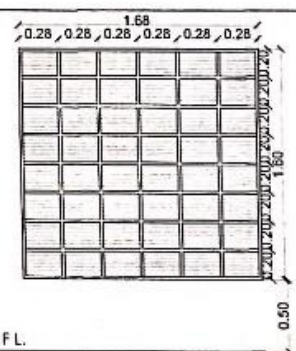
SCALE: 1:50

71.20

SCHEDULE OF DOORS

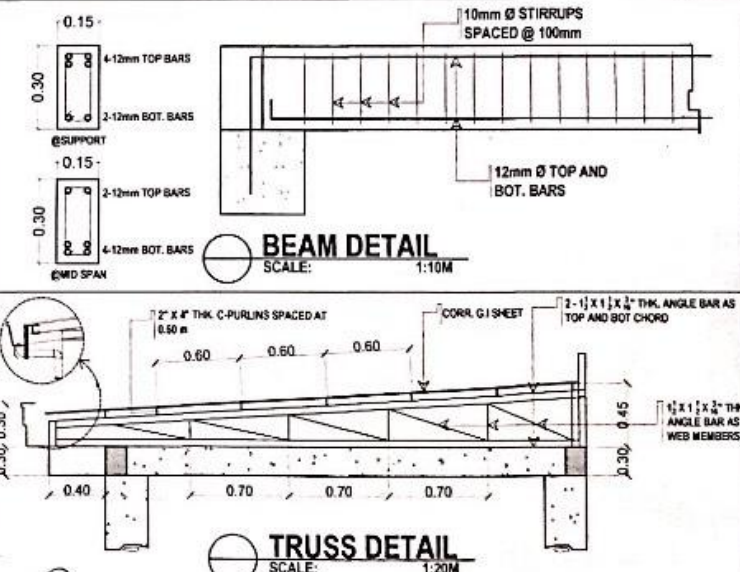
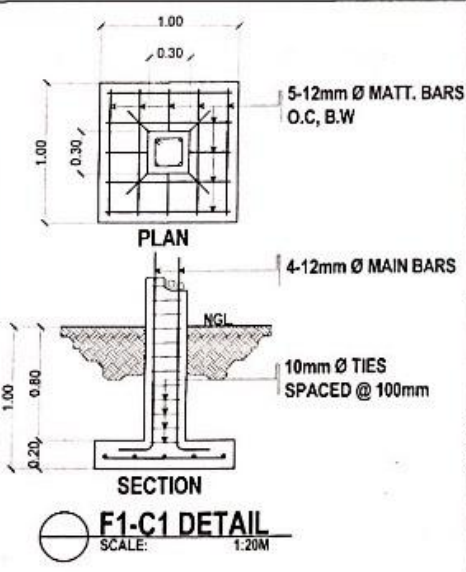
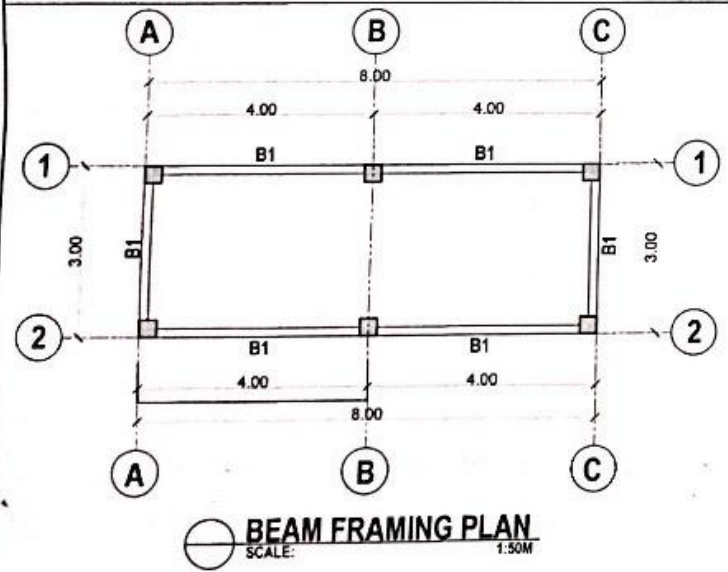
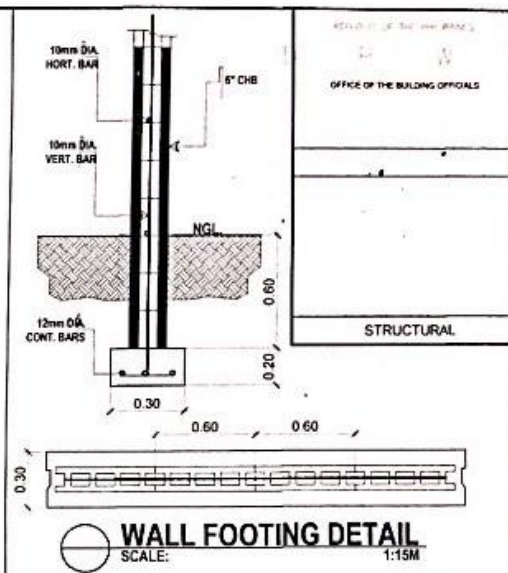
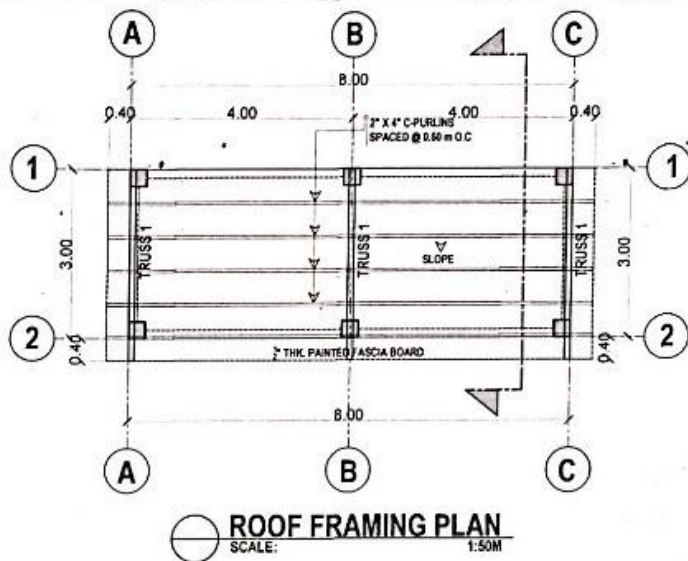
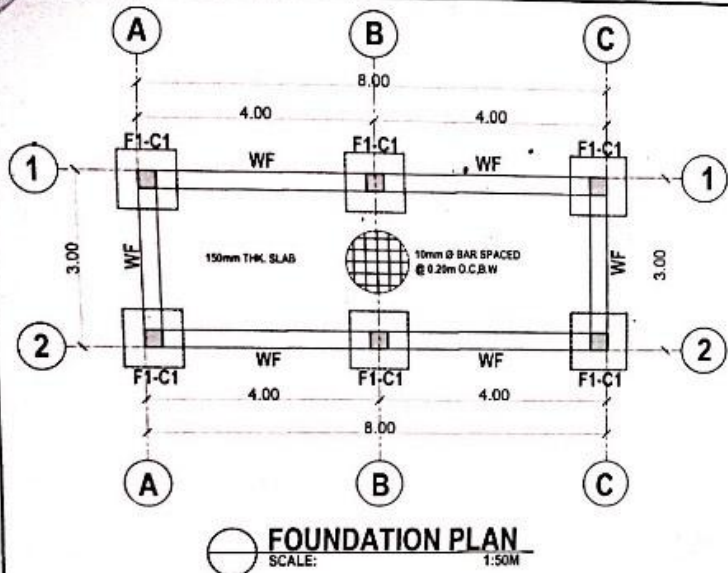


SCHEDULE OF WINDOWS

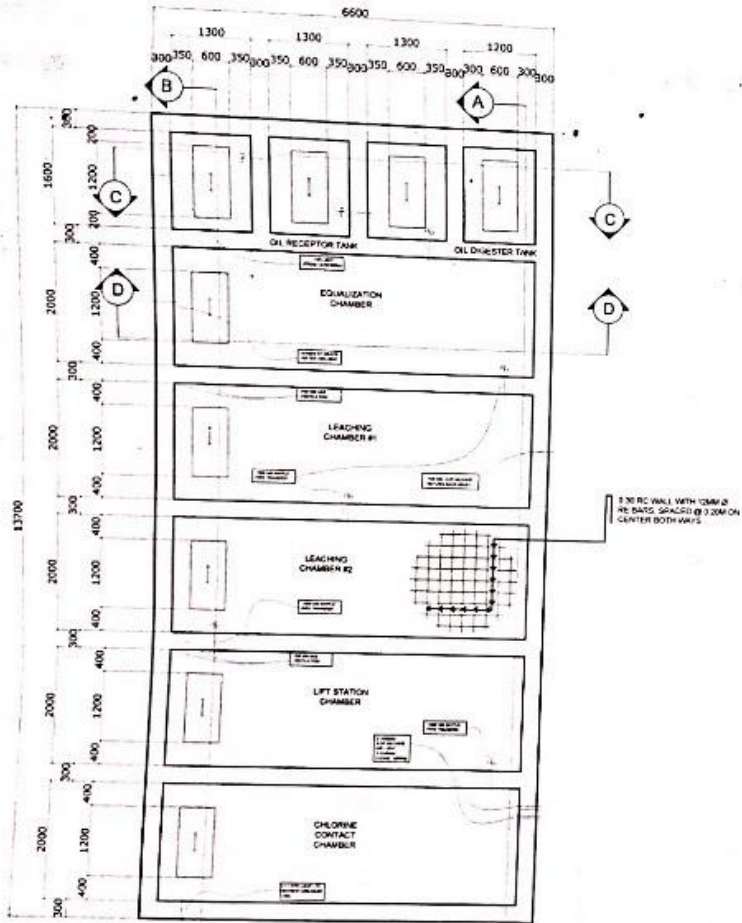


D	1	PAINTED STEEL DOOR	W	1	30MM x 30MM CONCRETE LOUVER BLOCKS & LAYERS	W	1	30MM x 30MM CONCRETE LOUVER BLOCKS & LAYERS
	1	1.50 WIDE x 2.10 H (M)		1	1.40 WIDE x 1.50 H (M)		2	1.68 WIDE x 1.50 H (M)

	PROJECT TITLE	SEC 33	R.A. 5066	OWNER	PREPARED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENTS	SHEET NO.
	CONSTRUCTION OF SEWERAGE TREATMENT FACILITY	CONTRACT NO. 2017-01	2017-01	LGU-CABATUAN	RIC ARMANDO T. VALENZUELA	ENGR. JOSE NORMAN R. UMADHAY	HON. ELIANDER G. PUECO	AS SHOWN	A 3
	LOCATION								
	LOT 2, BLOCK 5 CABATUAN, ILOILO			CABATUAN, ILOILO	MUNICIPAL ENGINEER	MUNICIPAL ADMINISTRATOR	MUNICIPAL MAYOR		

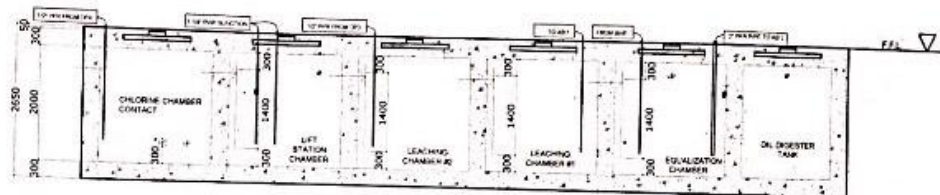


	PROJECT TITLE	SEC. 33	R.A. 9206	OWNER	PREPARED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENTS	SHEET NO.
	CONSTRUCTION OF SEWERAGE TREATMENT FACILITY	<small>CHANGE SPECIFICATIONS, DELIVERIES & DELAYS OF WORKS, AS WELL AS THE TERMS OF SERVICE, ARE THE RESPONSIBILITY & CONCERN OF THE ARCHITECT AND THE CLIENT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHORITY OF THE CLIENT, NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.</small>	LGU-CABATUAN	ENR. ANTONIO D. VALENZUELA MUNICIPAL ENGINEER	ENGR. JOSE NORMAN R. UMADHAY MUNICIPAL ADMINISTRATOR	HON. ELIZABETH S. PUEYO MUNICIPAL MAYOR	AS SHOWN	1 1	
LOCATION: LOT 2 BLOCK 5 CABATUAN 4010									



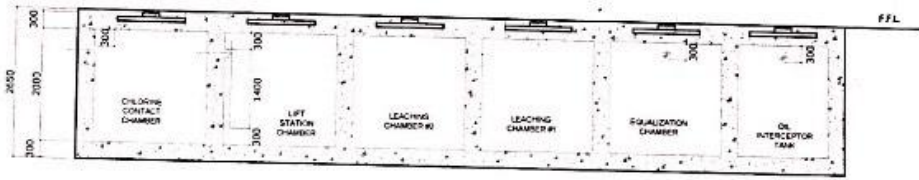
STP SEDIMENTATION TANK DETAIL PLAN

SCALE 1:50MTS



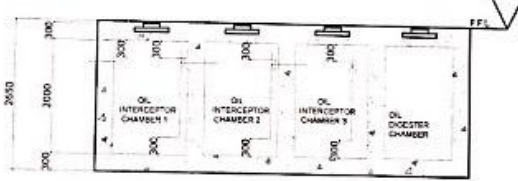
STP SEDIMENTATION TANK SECTION PLAN THRU A

SCALE 1:50MTS



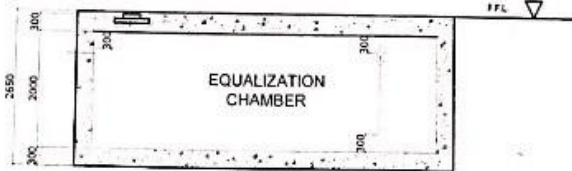
STP SEDIMENTATION TANK SECTION PLAN THRU B

SCALE 1:50MTS



STP SEDIMENTATION TANK SECTION PLAN THRU C

SCALE 1:50MTS



STP SEDIMENTATION TANK SECTION PLAN THRU D

SCALE 1:50MTS

DESIGN STP TANK VOLUME		
PROCESS DESCRIPTION	EFF. AREA	EFF. VOLUME
OIL INTERCEPTOR C1, C2, & C3 (EFF. DEPTH = 2.00 M)	6.24 SQ. M	12.48 CU. M
OIL DIGESTIVE TANK (EFF. DEPTH = 2.00 M)	1.92 SQ. M	3.84 CU. M
EQUALIZATION CHAMBER (EFF. DEPTH = 2.00 M)	13.2 SQ. M	26.4 CU. M
LEACHING CHAMBER #1 (EFF. DEPTH = 2.00 M)	13.2 SQ. M	26.4 CU. M
LEACHING CHAMBER #2 (EFF. DEPTH = 2.00 M)	13.2 SQ. M	26.4 CU. M
LIFT STATION CHAMBER (EFF. DEPTH = 2.00 M)	13.2 SQ. M	26.4 CU. M
CHLORINE CONTACT TANK (EFF. DEPTH = 2.00 M)	13.2 SQ. M	26.4 CU. M
TOTAL VOLUME		148.32 CU. M

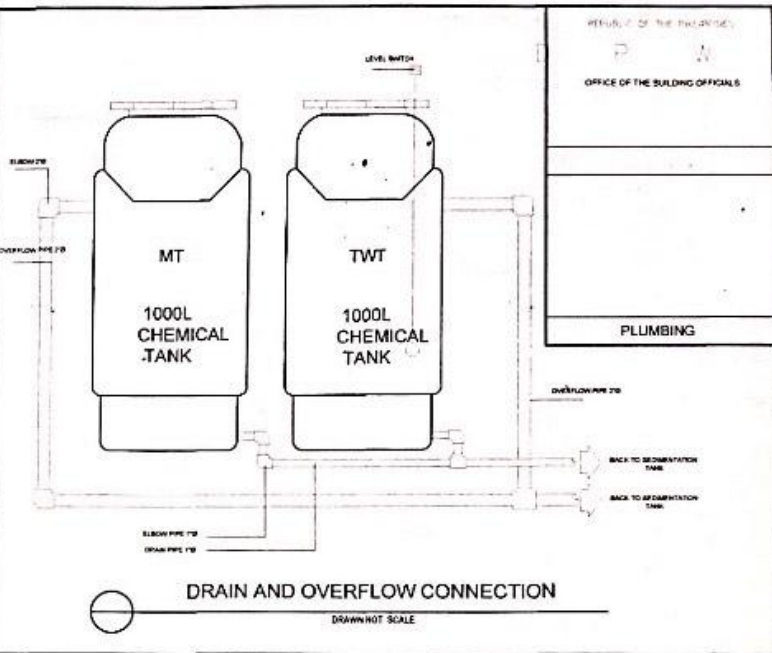
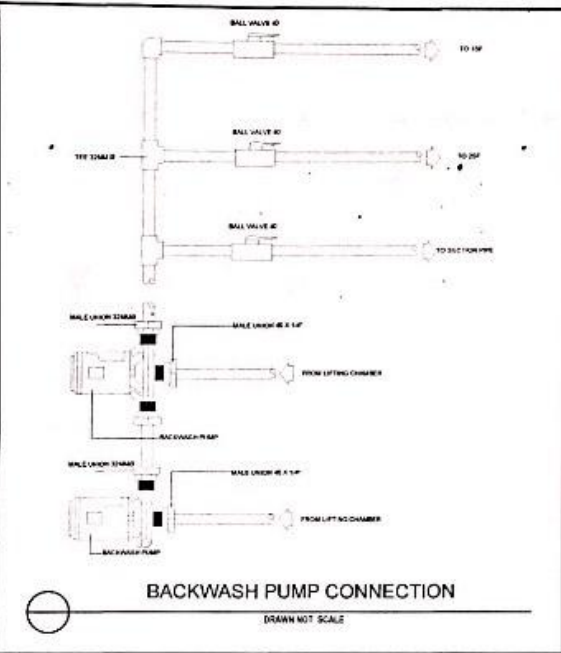
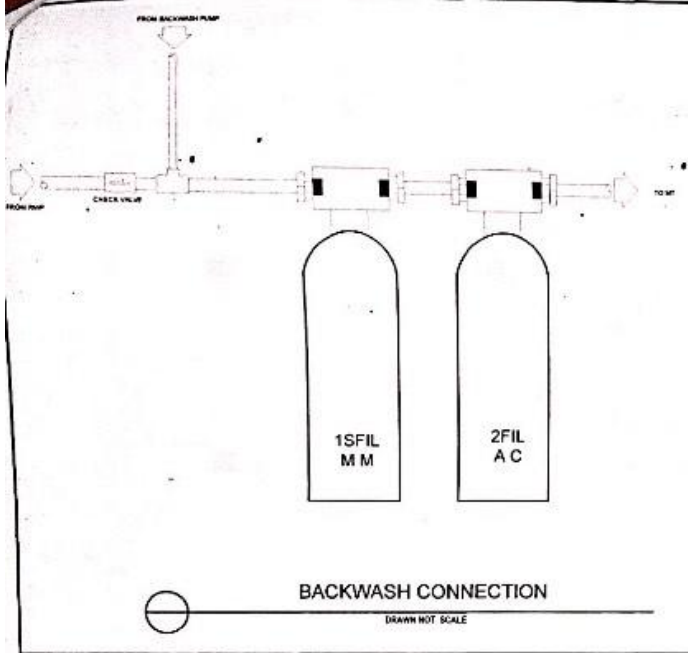
STP SEDIMENTATION TANK VOLUME DETAIL

SCALE MTS

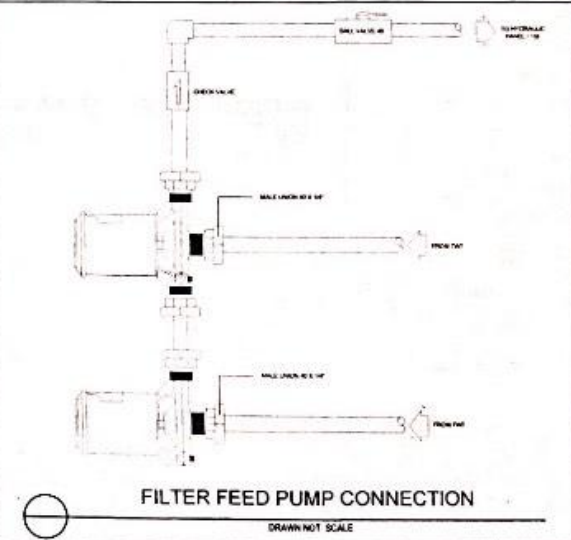
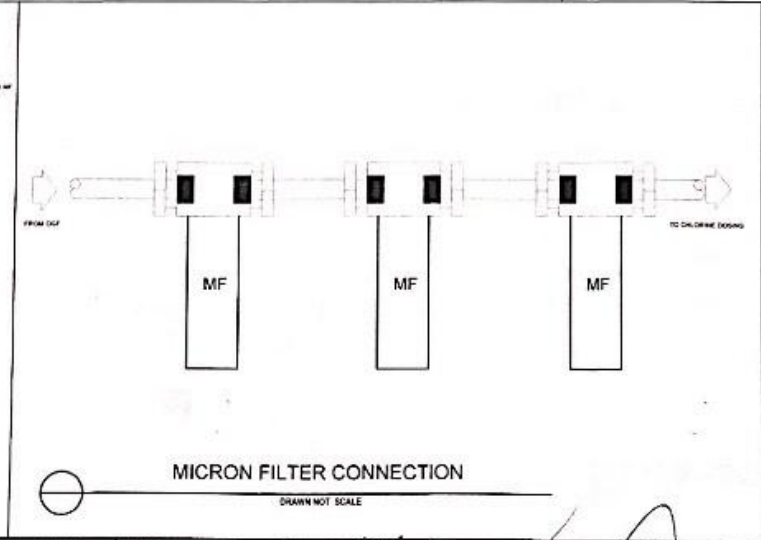
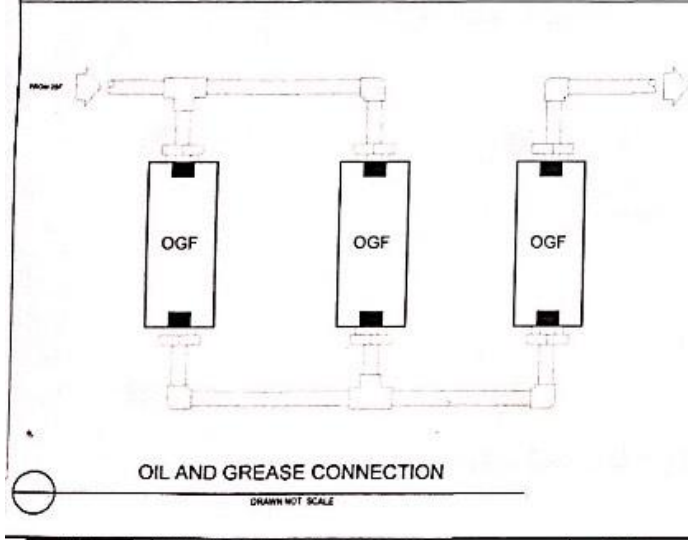
REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIALS
PLUMBING



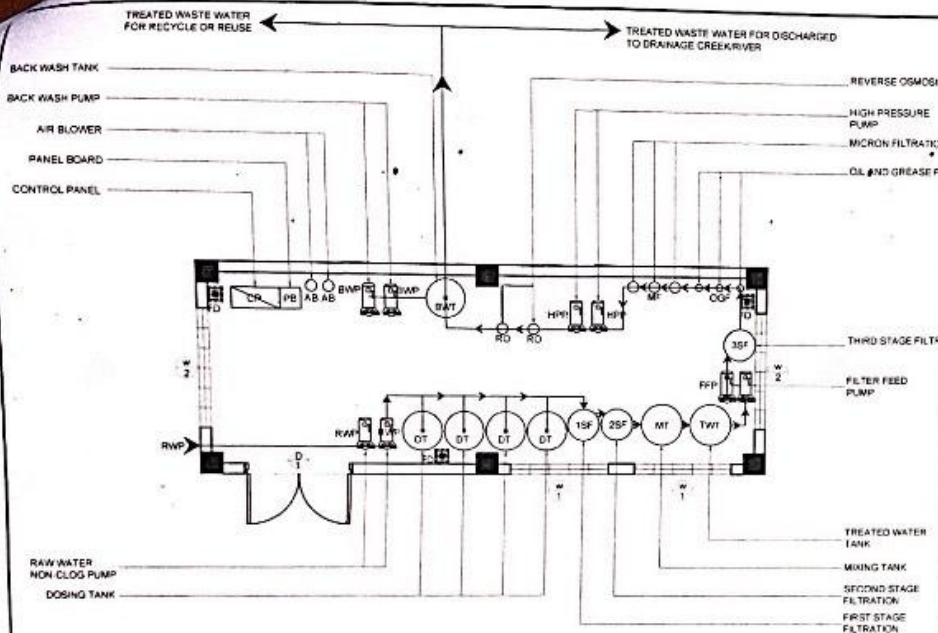
PROJECT TITLE CONSTRUCTION OF SEWERAGE TREATMENT FACILITY	SEC 33 CONSTRUCTION OF SEWERAGE TREATMENT FACILITY	R.A. 9266	OWNER LGU-CABATUAN	PREPARED BY RIC ARNABO T. VALDEVELLA MUNICIPAL ENGINEER	RECOMMENDING APPROVAL ENGR. JOSE NORMAN R. UMADHAY MUNICIPAL ADMINISTRATOR	APPROVED BY HON. EDUARDO P. FUERTES MUNICIPAL MAYOR	SHEET CONTENTS AS SHOWN	SHEET NO. P 1 3
LOCATION LOT 2 BLOCK 9 CABATUAN ILOILO			CABATUAN ILOILO					



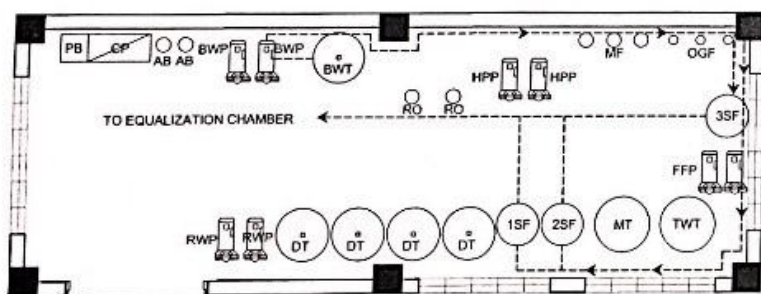
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OFFICE OF THE BUILDING OFFICIALS
PLUMBING



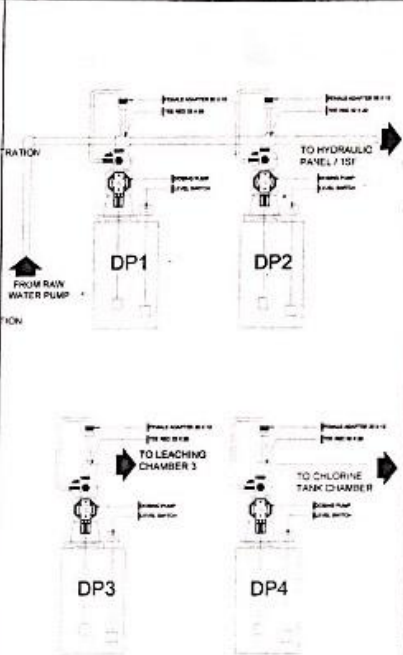
	PROJECT TITLE	SEC 33	R.A. 9296	OWNER	PREPARED BY	RECOMMENDATION/ APPROVAL	APPROVED BY	SHEET CONTENTS	SHEET NO.
	CONSTRUCTION OF SEWERAGE TREATMENT FACILITY LOCATION: LOT - 2, BLOCK - 8, CABATUAN ILOILO	<small>DRAWINGS EMPLOYED HEREIN SHALL BE KEPT AS SEALS OR STAMPS, AS INSTRUMENTS OF SERVICE AND THE PROPERTY & DOCUMENTS OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL TO REPRODUCE, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE EXECUTION OF, AND FOR OTHER PROJECTS OF BUILDING, WHETHER ENCLOSED PARTLY OR IN WHOLE.</small>	LGU-CABATUAN CABATUAN, ILOILO	R.M. ARMANDO V. VALENZUELA MUNICIPAL ENGINEER	ENGR. JOSE NORMAN R. UMADHAY MUNICIPAL ADMINISTRATOR	HON. ELIZABETH G. PUEYO MUNICIPAL MAYOR	AS SHOWN	P 2 3	



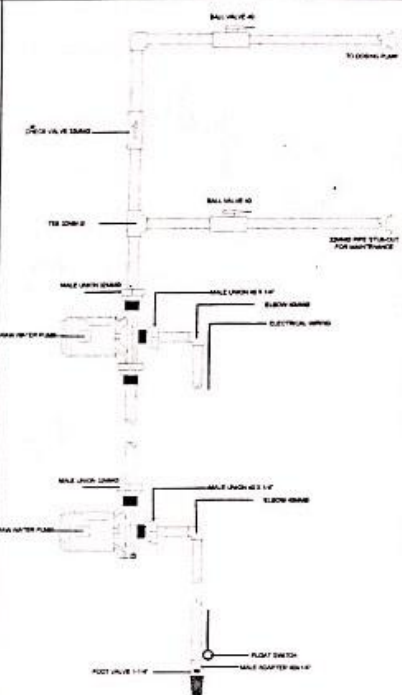
WATER TREATMENT PLANT LAY-OUT
SCALE: 1:30M



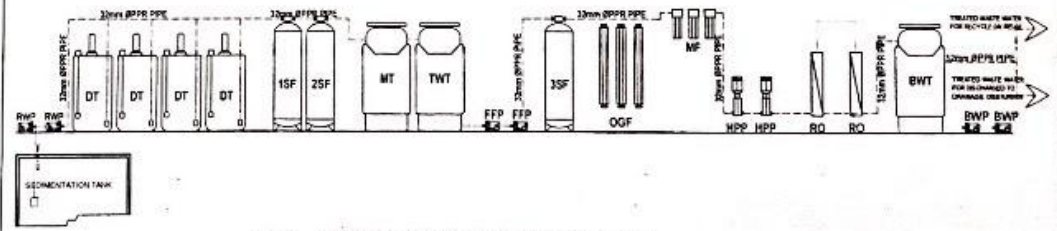
BACK WASH SYSTEM DRAIN
SCALE: 1:30M



DOSING PUMP CONNECTION
SCALE: NTS



RAW WATER PUMP CONNECTION
SCALE: NTS



SYSTEM PROCESS FLOW
SCALE: NTS

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICIALS

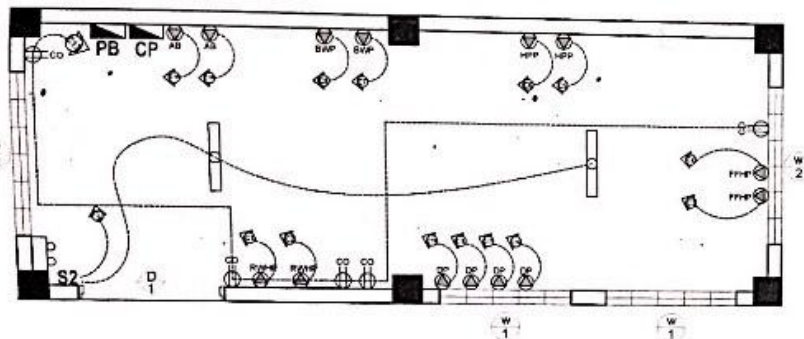
ELECTRICAL

LEGEND

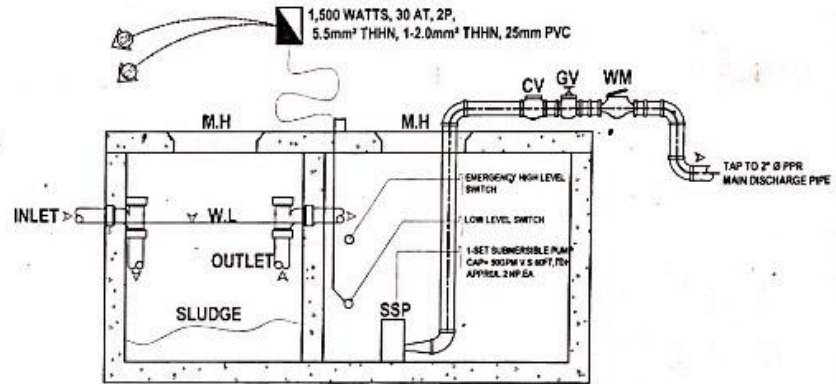
RWHP	RAW WATER HORIZONTAL PUMP
DP	DOSING PUMP
FFHP	FILTER FEED HORIZONTAL PUMP
HPVP	HIGH PRESSURE VERTICAL PUMP
BWHP	BACK WASH HORIZONTAL PUMP
SSP	SUBMERSIBLE SEWAGE PUMP
AB	AIR BLOWER
→	MAIN ENTRANCE
⬇	PANEL BOARD
⊙	CIRCUIT NO.
⊕	CONVENIENCE OUTLET
S2	TWO GANG SWITCH
DT	DOSING TANK
SF	STAGE FILTRATION
OGF	OIL AND GREASE FILTRATION
MF	MICRON FILTRATION
BWT	BACK WASH TANK



PROJECT TITLE CONSTRUCTION OF SEWERAGE TREATMENT FACILITY	SEC 33 ENGINEER'S SPECIFICATIONS SHALL BE SUBJECT TO THE APPROVAL OF THE MUNICIPAL ENGINEER AND THE PROJECT'S DOCUMENTS OF THE PROJECT SHALL BE SUBJECT TO THE APPROVAL OF THE MUNICIPAL ENGINEER. WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHORITY OF SAID DOCUMENTS TO OBTAIN OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE EXECUTION OF AND FOR OTHER PROJECTS OF ANALOGOUS NATURE IS PROHIBITED.	R.A. 9296 OWNER LGU-CABATUAN CABATUAN 1101	PREPARED BY RIC ARMANDO T. VALENZUELA MUNICIPAL ENGINEER	REGULATORY APPROVAL ENGR. JOSE NORMAN R. UMADHAY MUNICIPAL ADMINISTRATOR	APPROVED BY HON. ELIZABETH G. PUEYO MUNICIPAL MAYOR	SHEET CONTENTS AS SHOWN	SHEET NO. 3 3
LOCATION LOT 2, BLOCK 5, CABATUAN 1101							

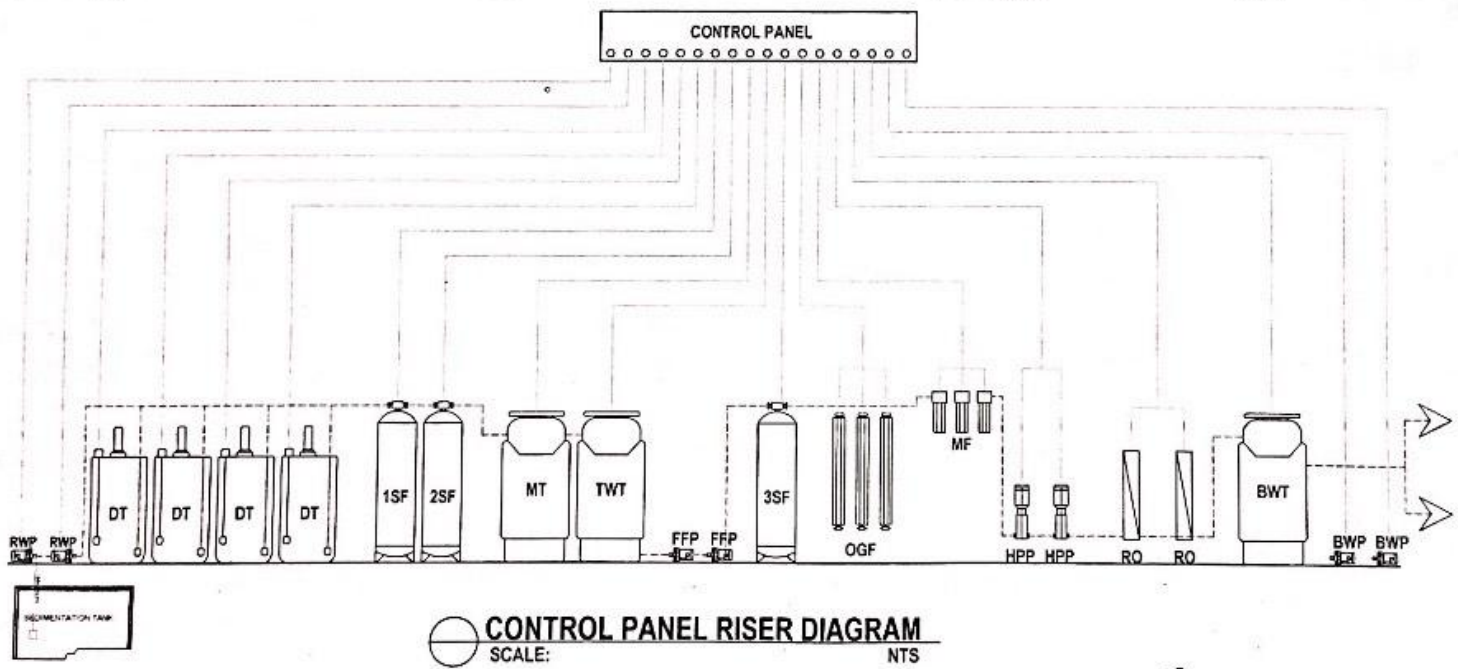


ELECTRICAL LAY-OUT OF STP
SCALE: 1:30M



EXISTING SEPTIC VAULT
SCALE: 1:20M

ELECTRICAL	
LEGEND	
RWHP	RAW WATER HORIZONTAL PUMP
DP	DOSEING PUMP
FFHP	FILTER FEED HORIZONTAL PUMP
HPVP	HIGH PRESSURE VERTICAL PUMP
BWHP	BACK WASH HORIZONTAL PUMP
SSP	SUBMERSIBLE SEWAGE PUMP
AB	AIR BLOWER
→	MAIN ENTRANCE
▣	PANEL BOARD
⊙	CIRCUIT NO.
⊙	CONVENIENCE OUTLET
S2	TWO GANG SWITCH
DT	DOSEING TANK
SF	STAGE FILTRATION
OGF	OIL AND GREASE FILTRATION
MF	MICRON FILTRATION
BWT	BACK WASH TANK



CONTROL PANEL RISER DIAGRAM
SCALE: NTS

	PROJECT TITLE	SEC 33	R.A. 9266	OWNER	PREPARED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENTS	SHEET NO.
	CONSTRUCTION OF SEWERAGE TREATMENT FACILITY LOCATION: LOT 2, BLOCK 5 CABATUAN ILOILO	FORMALLY EMPLOYED PROFESSIONAL ENGINEER & ELECTRICIAN OFFICERS HONORARILY AS INSTRUMENTED BY SERVICE ARE NOT ELIGIBLE FOR THE BENEFITS OF THE BENEFIT LAW UNLESS THEY ARE FIRST RE-EMPLOYED BY THE GOVERNMENT OR A PERSON WITHOUT THE WRITTEN CONSENT OF THE PROJECTING OFFICER OR OFFICERS IN CHARGE FOR THE PURPOSE OF MAKING COPIES OF SAID DOCUMENTS FOR USE IN THE BENEFIT OF AND FOR THEIR PROJECTS OF BUILDING WHETHER EXECUTED PARTLY OR IN WHOLE	LOU-CABATUAN CABATUAN ILOILO	RIC ARMANDO T. VALENZUELA MUNICIPAL ENGINEER	ENGR. JOSE NORMAN R. UMADHAY MUNICIPAL ADMINISTRATOR	HON. SEC. DE G. PUEYO MUNICIPAL MAYOR	AS SHOWN	1 E 2	

GENERAL NOTES

- ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISION OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF LOCAL AND NATIONAL AUTHORITIES CONCERNED WITH ENFORCEMENT OF RULES AND REGULATION OF LOCAL UTILITY COMPANY.
- SERVICE VOLTAGE SHALL BE THREE PHASE, THREE WIRES, 230V, 60HZ SYSTEM
- INSTALLATION SHALL BE POLYVINYL CHLORIDE (PVC) FOR LIGHTING AND POWER BRANCH CIRCUITS.
- ALL WIRES TO BE USED SHALL BE COPPER, MOISTURE AND THERMOPLASTIC HEAT INSULATED TYPE (THWN) UNLESS NOTED OTHERWISE SPECIFIED.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF APPROVED TYPE FOR THE LOCATION AND PURPOSE INTENDED.
- MINIMUM SIZE OF WIRE AND CONDUIT SHALL BE 5.550 MM AND 20MM DIA. RESPECTIVELY.
- WHENEVER NECESSARY PULLBOX SHALL BE PROVIDED EVEN NOT INDICATED IN THE PLAN.
- BRANCH CIRCUIT HOMERUNS SHALL NOT BE COMBINED IN THE SAME RACEWAY AND RACEWAY FOR AUXILIARY LINES SHALL NOT CONTAINS POWER LINES
- MOUNTING HEIGHTS SHALL BE AS FOLLOWS:
 A) 1.5M ABOVE FLOOR FINISH — C.O. AND AUXILIARY OUTLET
 B) 1.4M ABOVE FLOOR FINISH — LIGHTING CONTROL SWITCH
 C) 1.7M ABOVE FLOOR FINISH — PANEL, BOARDS
 D) ALL OTHER HEIGHTS — VERIFY TO THE PROJECT IN-CHARGE
- ALL SERVICE ENTRANCE EQUIPMENT SUCH AS PANEL, BOARDS SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE PROVISION OF THE PHILIPPINE ELECTRICAL CODE.
- ALL ELECTRICAL WORKS AND INSTALLATION HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN.

STP MAIN PANELBOARD BOLT ON TYPE						
CIRCUIT	DESCRIPTION	WATT	AMP	POL	PHASE	REMARKS
1	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
2	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
3	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
4	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
5	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
6	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
7	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
8	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
9	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
10	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
11	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
12	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
13	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
14	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
15	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
16	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
17	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
18	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
19	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
20	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
21	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN
22	RAW WATER HORIZONTAL PUMP ONLY	1,500	6.52	2	3	1.5mm² THHN + 2.0mm² THHN

DESIGN ANALYSIS

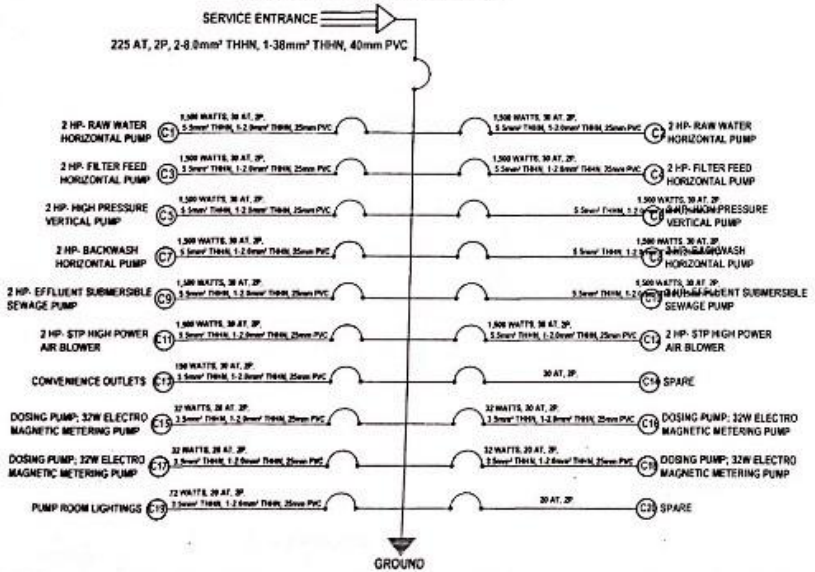
CIRCUIT NO	VOLT	VOLT	IFL	VOLT	AMP	PHASE	NO. SIZE & TYPE OF WIRE	AMPERE NO. OF POLES & NO. OF POLES	SIZE OF CONDUIT				
										IFL	IFL	IFL	IFL
C1	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C2	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C3	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C4	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C5	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C6	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C7	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C8	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C9	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C10	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C11	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C12	1,500	230	IFL= 1,500 / 230 = 6.52	8.15	2/1-	2/1-	5.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C13	150	230	IFL= 150 / 230 = 0.65	0.8125	2/1-	2/1-	3.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C14		230	IFL= / 230 =		2/1-	2/1-	3.5mm² THHN + 2.0mm² THHN	30	2	10	20		
C15	32	230	IFL= 32 / 230 = 0.14	0.175	2/1-	2/1-	3.5mm² THHN + 2.0mm² THHN	20	2	10	20		
C16	32	230	IFL= 32 / 230 = 0.14	0.175	2/1-	2/1-	3.5mm² THHN + 2.0mm² THHN	20	2	10	20		
C17	32	230	IFL= 32 / 230 = 0.14	0.175	2/1-	2/1-	3.5mm² THHN + 2.0mm² THHN	20	2	10	20		
C18	32	230	IFL= 32 / 230 = 0.14	0.175	2/1-	2/1-	3.5mm² THHN + 2.0mm² THHN	20	2	10	20		
C19	72	230	IFL= 72 / 230 = 0.31	0.38	2/1-	2/1-	3.5mm² THHN + 2.0mm² THHN	20	2	10	20		
C20		230	IFL= / 230 =		2/1-	2/1-	3.5mm² THHN + 2.0mm² THHN	20	2	10	20		
						79.76	99.89	3/1-	38mm² THHNTHWN + 80mm THHNTHWN	100	3	12	60

OFFICE OF THE BUILDING OFFICIALS

ELECTRICAL LEGEND

RWHP	RAW WATER HORIZONTAL PUMP
DP	DOSING PUMP
FFHP	FILTER FEED HORIZONTAL PUMP
HPVP	HIGH PRESSURE VERTICAL PUMP
BWHP	BACK WASH HORIZONTAL PUMP
SSP	SUBMERSIBLE SEWAGE PUMP
AB	AIR BLOWER
ME	MAIN ENTRANCE
PR	PANEL BOARD
○	CIRCUIT NO
○	CONVENIENCE OUTLET
S2	TWO GANG SWITCH
DT	DOSING TANK
SF	STAGE 1 FILTRATION
OGF	OIL AND GREASE FILTRATION
MF	MICRON FILTRATION
BWT	BACK WASH TANK

SINGLE LINE DIAGRAM



SCHEDULE OF LOADS

CIRCUIT NO	LOAD DESCRIPTIONS	VOLT (V)	FRAME (F)	POLE (P)	TRIP (T)	VOLT-AMPERE	AMPERE LOAD RATINGS				CONDUCTOR	
							BAR	BOC	BCA	3B		
C1	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C2	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C3	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C4	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C5	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C6	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C7	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C8	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C9	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C10	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C11	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C12	RAW WATER HORIZONTAL PUMP ONLY	230	63	2	30	1,500	6.52					5.5mm² THHN + 2.0mm² THHN
C13	CONVENIENCE OUTLET	230	63	2	30	150	0.65					5.5mm² THHN + 2.0mm² THHN
C14	SWITCH	230	63	2	30							5.5mm² THHN + 2.0mm² THHN
C15	DOSING PUMP, 32W ELECTRO MAGNETIC METERING PUMP	230	63	2	20	32	0.14					3.5mm² THHN + 2.0mm² THHN
C16	DOSING PUMP, 32W ELECTRO MAGNETIC METERING PUMP	230	63	2	20	32	0.14					3.5mm² THHN + 2.0mm² THHN
C17	DOSING PUMP, 32W ELECTRO MAGNETIC METERING PUMP	230	63	2	20	32	0.14					3.5mm² THHN + 2.0mm² THHN
C18	DOSING PUMP, 32W ELECTRO MAGNETIC METERING PUMP	230	63	2	20	32	0.14					3.5mm² THHN + 2.0mm² THHN
C19	PUMP ROOM LIGHTINGS	230	63	2	20	72	0.31					3.5mm² THHN + 2.0mm² THHN
C20	SWITCH	230	63	2	20							3.5mm² THHN + 2.0mm² THHN
TOTAL						18,350 W	79.76					



PROJECT TITLE	SEC 33	R.A. 9296	OWNER	PREPARED BY	RECOMMENDED APPROVAL	APPROVED BY	SHEET CONTENTS	SHEET NO
CONSTRUCTION OF SEWERAGE TREATMENT FACILITY			LGU-CABATUAN	ENR. ARMANDO J. VALENZUELA	ENGR. JOSE NORMAN R. UMADHAY	HON. ELIZABETH G. PUECO	AS SHOWN	E 2
LOCATION	LOT-2, BLOCK-5 CABATUAN, ILOILO		CABATUAN, ILOILO	MUNICIPAL ENGINEER	MUNICIPAL ADMINISTRATOR	MUNICIPAL MAYOR		

Statement of Single Largest Completed Contract Similar to the Contract to be Bid within the last 5 years

Business Name : _____

Business Address : _____

Name of Contract	a:	Owner's Name	Nature of Work	Bidder's Role		a.	Amount at Award	a.	Date of Awarded
	b:	Address		Description	%	b.	Amount of Completion	b.	Contract Effectivity
	c:	Telephone Nos.				c.	Duration	c.	Date Completed
<u>Government</u>									
<u>Private</u>									

Note: This statement shall be supported with:

1. Contract
2. Certificate of Completion
3. Certificate of Final Acceptance or final Rating of at least Satisfactory in the CPES

Submitted by : _____
(Printed Name & Signature)

Designation : _____

Date : _____

STATEMENT OF ALL ON-GOING GOVERNMENT & PRIVATE CONTRACTS INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED

Business Name : _____

Business Address : _____

Name of Contract/Location Project Cost	a. Owner Name b. Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. Date Awarded b. Date Started c. Date of Completion d.	% of Accomplishment		Value of Outstanding Works/Uncompleted Portion
			Description	%		Planned	Actual	
*Continue in a separate sheet if necessary..							Total Cost	

Note: This statement shall be supported with:

1. Notice of Award and/or Contract
2. Notice to Proceed issued by the owner
3. Certificate of Accomplishments signed by the owner or Project Engineer

Submitted by:

_____ Printed Name & Signature
 Designation: _____
 Date: _____

LIST OF CONTRACTOR'S EQUIPMENT PLEDGE TO THE CONTRACT TO BE BID

Contract No.: _____

Name of Contract: _____

Name of Equipment	Unit	Plate No./Model No.	Motor No./Body No./Engine No.	Proof of Ownership	Present Location	Remarks

Submitted by:

(Name of Contractor & Signature)

Date

(Name of Firm)