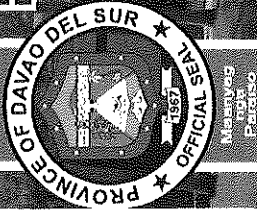


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Republic of the Philippines
PROVINCE OF DAVAO DEL SUR
Office of the Governor

PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

Mobile Nos. 0905-229-0526/0908-332-2024 (Goods), 0948-768-5848 (Infra)

Teletax: (082) 553-9579

Website: www.davaodelsur.gov.ph/pgg-bac

Email Add.: bac.davaodelsur2@gmail.com/sbacdavaodelsur@gmail.com

I Love Davao del Sur

BIDDING DOCUMENTS

One Job Order for the **CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM NEW VISAYAS, MATANAO, DAVAO DEL SUR**

all in accordance to plans, specifications and scope of work and the Green Procurement Policy as adopted by Executive Order No. 30 series of 2019

IB No. C-089-23

Date of Opening of Bids: July 25, 2023 at 09:00 A.M.

Start Date for Issuance of Bidding Documents: July 6, 2023

Sixth Edition
July 2020

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TABLE OF CONTENTS

SECTION I.	INVITATION TO BID
SECTION II.	INSTRUCTIONS TO BIDDERS
SECTION III.	BID DATA SHEET
SECTION IV.	GENERAL CONDITIONS OF CONTRACT
SECTION V.	SPECIAL CONDITIONS OF CONTRACT
SECTION VI.	SPECIFICATIONS
SECTION VII.	DRAWINGS
SECTION VIII.	BILL OF QUANTITIES
SECTION IX.	CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS
SECTION X.	OTHER DOCUMENTS

4

SECTION I.

INVITATION TO BID

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SECTION II.

INSTRUCTION TO BIDDERS

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Section II. Instructions to Bidders

1. Scope of Bid

The **PROVINCIAL GOVERNMENT OF DAVAO DEL SUR** invites Bids for the **CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM NEW VISAYAS, MATANAO, DAVAO DEL SUR**, with Project Identification Number **C-089-23**.

The Procurement Project (referred to herein as “**CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM NEW VISAYAS, MATANAO, DAVAO DEL SUR**”) 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 2023** in the amount of **P2,500,000.00**.
- 2.2. The source of funding is **20% DEVELOPMENT FUND**:

3. Bidding Requirements

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

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

The Bidder, by the act of submitting its Bid, shall be deemed to have inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA’s CPI,

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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. Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the **July 13, 2023, at 9:00 A.M., Ralota Hall, Gov. Douglas Ra. Cagas Cultural Sports and Business Complex, Barangay Matti, Digos City, Davao del Sur** 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 special PCAB License in case of Joint Ventures, 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**.

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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 for **120 Calendar Days** upon 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

17.1 Bids must be delivered to the Ralota Hall, Gov. Douglas Ra. Cagas Cultural Sports and Business Complex, Barangay Matti, Digos City, Davao del Sur on or before July 25, 2023 at 9:00 A.M. Late bids shall not be accepted. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18.

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 15 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**.

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SECTION III.

BID DATA SHEET

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Bid Data Sheet

(IB No.: C-088-23)

ITB Clause				
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: Water Supply: Construction (based on DPWH DO 14 Series of 2017) Subcontracting is not allowed.			
7.1				
10.3	“No further instructions.”			
10.4	The key personnel must meet the required minimum years of experience set below: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><u>Key Personnel</u></td> <td style="width: 30%;"><u>General Experience</u></td> <td style="width: 30%;"><u>Relevant Experience</u></td> </tr> </table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>
<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>		
10.5	“No further instructions.” The minimum major equipment requirements are the following: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><u>Equipment</u></td> <td style="width: 30%;"><u>Capacity</u></td> <td style="width: 30%;"><u>Number of Units</u></td> </tr> </table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>
<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>		
12	None.			
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of not less than P50,000.00 [two percent (2%) of ABC], 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 P125,000.00 [five percent (5%) of ABC], if bid security is in Surety Bond.			
19.2	Partial bid is not allowed. The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award. In all cases, the NFCC computation must be sufficient for the contract to be awarded to the Bidder. <i>Permits and Clearances as required by the End-User.</i>			
20	<i>Post-Qualification Requirements: Latest Income Tax Returns, Business Tax Returns for the last 6 months.</i>			
21	1. Presentation of the Bidding Documents a. Envelope 1 (Eligibility/ Technical Documents) One (1) ORIGINAL COPY, another copy for COPY 1, and another copy for COPY 2. b. Envelope 2 (Financial Proposal) One (1) ORIGINAL COPY, another copy for COPY 1, and another copy for COPY 2. Such documents shall be duly signed by the bidders or its duly authorized representative/s. Eligibility/Technical and Financial Proposal must be book-bound and properly			

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tabbed at the right side. Any documents submitted not book bound shall be rejected outright. For the Financial Proposal not exceeding ten (10) pages maybe book bound or securely stapled.

All copies must be properly marked (ORIGINAL COPY, COPY 1 AND COPY 2)

Envelope 1 and Envelope 2 must be properly sealed, and will be placed in one sealed mother envelope.

2. Other documents/materials to comply with other non-discretionary criteria and requirements as stated in the Instruction to Bidders:

- **Construction Methods**
- **Construction schedule and S-Curve**
- **Pert-CPM**
- **Manpower Utilization Schedule**
- **Equipment Utilization Schedule**
- **Construction Safety & Health Program**
- **Affidavit of Site Inspection**
- **Duly Notarized Certification as to compliance to Labor Laws and Standard**

The DOLE approved Construction Safety and Health Program is required before entering into Contract.

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SECTION IV.

**GENERAL CONDITIONS
OF CONTRACT**

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General Conditions of Contract

1. Scope of Contract

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

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

2. Sectional Completion of Works

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

3. Possession of Site

3.1 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.

3.2 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 Investigations

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

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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.

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SECTION V.

**SPECIAL CONDITIONS
OF CONTRACT**

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Special Conditions of Contract

GCC Clause	
2	<i>The Intended Completion Date is 120 calendar days upon receipt of the Notice to Proceed.</i>
4.1	<i>The Procuring Entity shall give possession in full the parts of the Site to the Contractor upon receipt of the Notice to Proceed.</i>
6	The site investigation reports are: Site Inspection Report
7.2	<i>[In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures:] Five (5) years.</i>
10	a. Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	"No further instruction."
11.2	"No further instruction."
13	The amount of the advance payment shall not exceed Fifteen Percent (15%) of the total contract price to be recouped every progress billing.
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	"No further instructions." The date by which "as built" drawings are required is 15 days prior turn-over and acceptance.
15.2	"No further instructions."

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SECTION VI.

SPECIFICATIONS

[See attached file.]

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PROJECT : **Cons on of potable water supply system, New Visayas, xnao , Davao del Sur**
 LOCATION : **Brgy. New Visayas, Matanao , Davao del Sur**


SPECIFICATIONS

ITEMS OF WORKS		QUANTITY	UNIT
ITEM NUMBER	DESCRIPTION		
PART II. OTHER GENERAL REQUIREMENTS			
B.3	Permits and Clearances	1.00	Lump Sum
B.5	Project Billboard / Signboard	1.00	Each
B.7 (1)	Occupational Safety and Health Program	4.00	Month
B.9	Mobilization / Demobilization	1.00	Lump sum
PART III - CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/PLUMBING WORKS			
PART A - EARTHWORK			
803 (1) a	Structure Excavation, Common Soil	22.83	Cubic Meter
804 (1) a	Embankment (From Structure Excavation)	12.41	Cubic Meter
804 (4)	Gravel fill	1.51	Cubic Meter
PART B - PLAIN AND REINFORCED CONCRETE WORK			
900 (1) c1	Structural Concrete, Class A, 28 days	14.96	Cubic Meter
902 (1) a2	Reinforcing Steel (Deformed), Grade 60	2738.18	Kilogram
903 (2)	Formworks and Falseworks	124.74	Square Meter
PART C - FINISHINGS AND OTHER CIVIL WORKS			
1002	Plumbing	1.00	Lump Sum
1002 (1) i	Galvanized Iron Pipes with Fittings, 150mm dia.	66.00	Meter
1013(1)	Corrugated Metal Roofing, gauge 26	4.00	Square Meter
1027 (1)	Cement Plaster Finish	77.88	Square Meter
1032(1)a	Painting Works, Masonry/concrete	77.88	Square Meter
1046 (2) a1	CHB Non Load Bearing (including Reinforcing Steel), 100 mm	7.54	Square meter
1047 (1)	Structural Steel	1.00	Lump Sum
PART D - ELECTRICAL			
1100 (10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-in)	1.00	Lump Sum
1101 (33)	Wires and Wiring Devices	1.00	Lump Sum
1102 (1)	Panelboard with Main & Branch Breakers	1.00	Lump Sum
1102 (10)b	Pole Mounted Transformer (OISC)	1.00	Set
1103(1)	Lighting Fixtures and Lamps	1.00	Lump Sum
PART E - MECHANICAL			
1201 (3)	Submersible Multi-Stage Deepwell Pump with control	1.00	set
PART I - WATER SUPPLY			
1600 (2)	Pipeline Trench Excavation	79.20	Cubic Meter
1601 (1)	Fill and Backfill	78.23	Cubic Meter
1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	Lump Sum
1603 (1)	Valve	1.00	Lump Sum
1604 (1)	Water Treatment Plant	1.00	Lump Sum


Note:

Specification shall be in accordance to DPWH Standard Specification for Public Work Structures

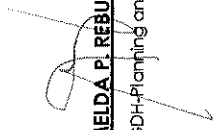
Prepared by:


ENGR. MARIMEL A. SEDON
 Planning Officer II

Checked by:


ENGR. GINA O. CHUA
 Project Development Officer III

Approved by:


IMELDA P. REBUYON, EnP,MDM
 PGDH-Planning and Development

SECTION VII.

DRAWINGS

[The **Detailed Engineering Design** is available at the Provincial Government of Davao del Sur, Procurement Management Office, Office of the BAC Secretariat for Infrastructure Projects, Room 16, Executive Building of Provincial Capitol, Mati, Digos City, upon purchase of the corresponding bidding documents.]

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SECTION VIII.

BILL OF QUANTITIES

[See attached file.]

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Contract Name
Location of the Contract
Project Duration

: Construction of Potable Water Supply System
: Brgy. New Visayas, Matanao, Davao del Sur
: 120 Calendar Days

BILL OF QUANTITIES

Part No. _____ Part of Description: _____

Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
B.3	Permits and Clearances	Lump Sum	1.00		
B.5	Project Billboard/Signboard	Each	1.00		
B.7 (1)	Occupational Safety and Health Program	Month	4.00		
B.9	Mobilization/ Demobilization	Lump Sum	1.00		
803(1)a	Structure Excavation, Common Soil	Cubic Meter	22.83		
804(1)a	Embankment (From Structure Excavation)	Cubic Meter	12.41		
804 (4)	Gravel Fill	Cubic Meter	1.51		
900(1) c1	Structural Concrete, Class A, 28 days	Cubic Meter	14.96		
902(1)a2	Reinforcing Steel (Deformed) Grade 40	Kilogram	2738.18		
903(2)	Formworks and False works	Square Meter	124.74		
1002	Plumbing	Lump Sum	1.00		
1002(1)i	Galvanized Iron Pipes with Fittings, 150mm dia	Meter	66.00		
1013(1)	Corrugated Metal Roofing, gauge 26	Square Meter	4.00		
1027(1)	Cement Plaster Finish	Square Meter	77.88		
1032(1)a	Painting Works, Masonry/ Concrete	Square Meter	77.88		
1046(2) a1	CHB Non Load Bearing (including Reinforcing Steel), 100mm	Square Meter	7.54		
1047(1)	Structural Steel	Lump Sum	1.00		
1100(10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-in)	Lump Sum	1.00		
1101(33)	Wires and wiring Devices	Lump Sum	1.00		
1102(1)	Panelboard with Main &Branch Breakers	Lump Sum	1.00		
1102(10)b	Pole Mounted Transformer (OISC)	Set	1.00		
1103(1)	Lighting Fixtures and Lamps	Lump Sum	1.00		
1201(3)	Submersible Multi-Stage Deepwell Pump with control	Set	1.00		
1600(2)	Pipeline Trench Excavation	Cubic Meter	79.20		
1601(1)	Fill and Backfill	Cubic Meter	78.23		
1602(5)	Polyethylene (PE) Plastic Pipe	Lump Sum	1.00		
1603(1)	Valve	Lump Sum	1.00		
1604(1)	Water Treatment Plant	Lump Sum	1.00		

Submitted by: _____

Date: _____

Name of the Representative of the Bidder

Position

Name of Bidder

Contract Name
Location of the Contract
Project Duration

: Construction of Potable Water Supply System
: Brgy. New Visayas, Matanao, Davao del Sur
: 120 Calendar Days

BILL OF QUANTITIES

Part No. _____ Part of Description: _____

Pay Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
(1)	(2)	(3)	(4)	(5)	(6)
B.3	Permits and Clearances	Lump Sum	1.00		
B.5	Project Billboard/Signboard	Each	1.00		
B.7 (1)	Occupational Safety and Health Program	Month	4.00		
B.9	Mobilization/ Demobilization	Lump Sum	1.00		
803(1)a	Structure Excavation, Common Soil	Cubic Meter	22.83		
804(1)a	Embankment (From Structure Excavation)	Cubic Meter	12.41		
804 (4)	Gravel Fill	Cubic Meter	1.51		
900(1) c1	Structural Concrete, Class A, 28 days	Cubic Meter	14.96		
902(1)a2	Reinforcing Steel (Deformed) Grade 40	Kilogram	2738.18		
903(2)	Formworks and False works	Square Meter	124.74		
1002	Plumbing	Lump Sum	1.00		
1002(1)i	Galvanized Iron Pipes with Fittings, 150mm dia	Meter	66.00		
1013(1)	Corrugated Metal Roofing, gauge 26	Square Meter	4.00		
1027(1)	Cement Plaster Finish	Square Meter	77.88		
1032(1)a	Painting Works, Masonry/ Concrete	Square Meter	77.88		
1046(2) a1	CHB Non Load Bearing (including Reinforcing Steel), 100mm	Square Meter	7.54		
1047(1)	Structural Steel	Lump Sum	1.00		
1100(10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-in)	Lump Sum	1.00		
1101(33)	Wires and wiring Devices	Lump Sum	1.00		
1102(1)	Panelboard with Main & Branch Breakers	Lump Sum	1.00		
1102(10)b	Pole Mounted Transformer (OISC)	Set	1.00		
1103(1)	Lighting Fixtures and Lamps	Lump Sum	1.00		
1201(3)	Submersible Multi-Stage Deepwell Pump with control	Set	1.00		
1600(2)	Pipeline Trench Excavation	Cubic Meter	79.20		
1601(1)	Fill and Backfill	Cubic Meter	78.23		
1602(5)	Polyethylene (PE) Plastic Pipe	Lump Sum	1.00		
1603(1)	Valve	Lump Sum	1.00		
1604(1)	Water Treatment Plant	Lump Sum	1.00		

Submitted by: _____

Date: _____

Name of the Representative of the Bidder

Position

Name of Bidder

Republic of the Philippines
PROVINCE OF DAVAO DEL SUR
 PROVINCIAL PLANNING AND DEVELOPMENT OFFICE
 Mati, Digos City

Contract Name : Construction of Potable Water Supply System
 Location of the Contract : Brgy. New Visayas, Matanao, Davao del Sur
 Project Duration : 120 Calendar Days

SUMMARY OF BID PRICES
 (All Parts of Bill of Quantities)

Instruction for completing the Summary of Bid Prices:

1. Part No. – enter the “Part No.” for each section of the Bill of Quantities (BOQ) where unit prices are entered
2. Part Description – Enter the “Part Description” corresponding to the “Part No.
3. Total amount – Enter the “Total Amount” in Pesos for all pages having the same “Part Description”
- 4.

Contract ID:	Part Description	Total Amount
B.3	Permits and Clearances	
B.5	Project Billboard/Signboard	
B.7 (1)	Occupational Safety and Health Program	
B.9	Mobilization/ Demobilization	
803(1)a	Structure Excavation, Common Soil	
804(1)a	Embankment (From Structure Excavation)	
804 (4)	Gravel Fill	
900(1) c1	Structural Concrete, Class A, 28 days	
902(1)a2	Reinforcing Steel (Deformed) Grade 40	
903(2)	Formworks and False works	
1002	Plumbing	
1002(1)i	Galvanized Iron Pipes with Fittings, 150mm dia	
1013(1)	Corrugated Metal Roofing, gauge 26	
1027(1)	Cement Plaster Finish	
1032(1)a	Painting Works, Masonry/ Concrete	
1046(2) a1	CHB Non Load Bearing (including Reinforcing Steel), 100mm	
1047(1)	Structural Steel	
1100(10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-in)	
1101(33)	Wires and wiring Devices	
1102(1)	Panelboard with Main &Branch Breakers	
1102(10)b	Pole Mounted Transformer (OISC)	
1103(1)	Lighting Fixtures and Lamps	
1201(3)	Submersible Multi-Stage Deepwell Pump with control	
1600(2)	Pipeline Trench Excavation	
1601(1)	Fill and Backfill	
1602(5)	Polyethylene (PE) Plastic Pipe	
1603(1)	Valve	
1604(1)	Water Treatment Plant	
	Total of all Amounts in Words :	Total of all Amounts
	Pesos _____	
	And _____	
	centavos.	

Name _____ In Capacity of _____

Signed _____ Date _____

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

SECTION IX.

CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

4



Republic of the Philippines
PROVINCE OF DAVAO DEL SUR
Office of the Governor

PROCUREMENT MANAGEMENT OFFICE

BIDS AND AWARDS COMMITTEE

Mobile Nos. 0905-229-0526/0908-332-2024 (Goods), 0948-768-5848 (Infra)
 Telefax: (082) 553-9579
 Website: www.davaodelsur.gov.ph/pgo-bac
 Email Add.: bac.davaodelsur2@gmail.com/spacodavaodelsur@gmail.com

9 Davao del Sur

CHECKLIST-CIVIL

IB No:

Opening of Bids:

Name of Project/Brief Description of Goods:			
PR:	Dated:	ABC	End User:
Name of Contractor/Supplier:			
Address:			
Contact Number:			
ENVELOPE 1 - ELIGIBILITY DOCUMENTS/TECHNICAL			
1. Class "A" Documents			
a. Valid PhilGEPS Registration Certificate (Platinum Membership) with its corresponding Annex A. b. Statement of the prospective bidder of all its on-going government and private contracts, including contracts awarded but not yet started (7 calendar days before the bid opening), if any, whether similar or not similar in nature and complexity to the contract to be bid with supporting documents such as Notice of Award and/or Contract, Notice to Proceed, and Certificate of Accomplishment or Statement of Time Elapsed and Work Accomplished. c. Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid for the last (3) years, and whose value, adjusted to current prices using the PSA consumer price indices, must be at least fifty percent (50%) of the ABC to be bid: Provided, however, that contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB. This Statement must be supported with the following: Contract/ Purchase Order, Certificate of Completion/ Acceptance or Inspection Report or Official Receipt, Validated Contractors/Constructors Performance Evaluation System (CPES) in DPWH website. d. Valid 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.			
Financial Documents			
e. The prospective bidder's computation of Net Financial Contracting Capacity (NFCC). However, in the case of procurement of Goods, a bidder may submit a committed Line of Credit from a Universal or Commercial Bank, in lieu of its NFCC computation. (Note: K=15)			
2. Class "B" Documents			
a. For Infrastructure Projects, Joint Venture bidders shall submit a Joint Venture Agreement in accordance with R.A. 4566 and its IRR. Each partner of the joint venture shall submit their respective PhilGEPS Certificates of Registration in accordance with Section 8.5.2 of this IRR. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance: Provided, that the partner responsible to submit the NFCC shall likewise submit the Statement of all of its ongoing contracts and Audited Statements.			
TECHNICAL PROPOSAL			
1. Original copy of Bid Security in the form of the following:			
<input type="checkbox"/> Cash or Cashier's/ Manager's check (2%) <input type="checkbox"/> Bank Guarantee/ Draft or Irrevocable Letter of Credit (2%) <input type="checkbox"/> Surety Bond callable upon demand (5%) <input type="checkbox"/> Bid Securing Declaration (in the prescribed form)			
2. Project Requirements, which shall include the following:			
a. Organizational chart for the contract to be bid b. List of contractor's personnel (viz., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualifications and experience data.			

4

	<p>c. List of contractor's equipment units, which are owned, leased, and/or under purchase agreements, supported by certification of availability of equipment from the equipment lessor/vendor for the duration of the project;</p>
	<p>3. Original Duly Signed Omnibus Sworn Statement (OSS) by the prospective bidder or its duly authorized representative; 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.</p>
	<p>4. Other documents/materials to comply with other non-discretionary criteria and requirements as stated in the instruction to Bidders:</p> <ul style="list-style-type: none"> • Construction Methods • Construction schedule and S-Curve • Pert-CPM • Manpower Utilization • Equipment Utilization • Construction Safety & Health Program • Duly Notarized Affidavit of Site Inspection • Duly Notarized Certification as to Compliance to Labor Laws and Standard
	QUALIFIED
	DISQUALIFIED
<u>ENVELOPE 2- FINANCIAL PROPOSAL</u>	
	1. Duly Signed Financial Bid Form
	2. Duly Signed Bid Prices in the Bill of Quantities
	3. Duly Signed Detailed Estimates
	4. Duly Signed Cash Flow by Quarter and Payment Schedules

H

SECTION X.

OTHER DOCUMENTS

- 1) Purchase Request
- 2) Statement of all On-going Government & Private Contracts including
Contracts awarded but not yet started (Prescribed Form)
- 3) Statement of Single Largest Completed Contract (Prescribed Form)
- 4) Bid Securing Declaration (Prescribed Form)
- 5) Omnibus Sworn Statement (Prescribed Form)
- 6) Bid Form Prescribed Form)
- 7) Resolution No. 047 Series of 2022 / Three-Strike Policy
- 8) Resolution No. 052 Series of 2022
- 9) Resolution No. 053 Series of 2022
- 10) TWG – Checklist for Bid Evaluation
- 11) TWG – Checklist for Post Qualification

H

Republic of the Philippines
Provincial Government of Davao del Sur
 Province of Davao del Sur
 Mati, Digos City

Department: PPDO PR No. 089-23-S Date: 06/29/23
 Section : SAI No. _____ SAI No. _____ Date: _____

Stock No.	Unit of Issue	Item Description	Qty.	Unit Cost	Total Cost
1	Job Order	<p>Construction of Potable Water Supply System New Visayas, Matanao, Davao del Sur</p> <p>All in accordance to plan specifications and scope of work x-x-x-x-x-x-nothing follows-x-x-x-x-x-x-x</p> <p>Source of Fund: 8918549 CY 2023 A/P - 20% Development Fund Water Supply System 1-07-03-040</p>	1	2,500,000.00	2,500,000.00
Total					Php2,500,000.00

TECHNICAL WORKING GROUP
 TECHNICAL SPECS CONTROLLED
 BY: *[Signature]*
 DATE: *[Signature]*

02-21
 JUN 08 2023
[Signature]

Purpose / Remarks: For the Construction of Potable Water System, New Visayas, Matanao, Davao del Sur

Signature	CASH AVAILABILITY		Approved by:
Printed Name	<i>[Signature]</i>	<i>[Signature]</i>	YVONNE ROÑA CAGAS
Designation:	EnP, IMELDA P. REBUYON, MDMP	FARAH GEMINA V. BIDAN, CPA	Governor
	Provincial Planning and Development Coordinator	Provincial Treasurer	By Authority of the Governor
		JUN 08 2023	AS PER <i>[Signature]</i>

1403

Statement of all On-going Government & Private Contracts including Contracts awarded but not yet started

Name of Project / Contract : _____

IB No. _____

Location: _____

Name of Contract / Location	a)Owner's Name b)Address c)Telephone No.	Nature of Work	Bidder's Role	Description	%	a) Amount at award b) Duration	a)Date Awarded b)Date Started c)Target Completion Date	% of Accomplishment		Total Cost	P	
								Planned	Actual			
Government												
Private												

Note: This Statement shall be supported with:

1. Notice of Award and/or Contract

2. Notice to Proceed issued by the Procuring Entity

3. Certificate of Accomplishments signed by the owner or authorized representative

Submitted by _____

(Printed Name & Signature)

Designation _____

Date _____

Statement of Single Largest Completed Contract (SLCC)

(Similar in Nature for the Last 3 years)

Name of Project/Contract: _____

IB No. _____

Location: _____

Name of Contract / Location Project Cost	a) Owner's Name b) Address c) Telephone No.	Nature of Work	Bidder's Role		a) Amount at Award b) Amount at Completion c) Duration	a) Date Awarded b) Date Started c) Date of Completion
			Description	%		

Note: This statement shall be supported with:

1. Contract/Purchase Order
2. Certificate of Completion/Acceptance or Inspection and Acceptance Report or Official Receipts

Submitted by: _____
(Printed Name & Signature)

Designation: _____

Date: _____

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

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

BID SECURING DECLARATION
Project Identification No.: [Insert number]

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

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)
[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

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

Bid Form for the Procurement of Infrastructure Projects
[shall be submitted with the Bid]

BID FORM

Project Identification No. : _____ Date : _____

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

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 allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ for this purpose;
- 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

¹ currently based on GPPB Resolution No. 09-2020

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].

- I. 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: _____



Republic of the Philippines
PROVINCE OF DAVAO DEL SUR

Barangay Matti, Digos City, Davao del Sur
Mobile Nos: 0905-799-0526/0908-532-2024/0948-768-5848
Telefax: (082) 553-3579/ Website: www.davaodelsur.gov.ph
Email Add.: bac.davaodelsur2@gmail.com, sbacdavaodelsur@gmail.com

OFFICE OF THE GOVERNOR
BIDS AND AWARDS COMMITTEE (BAC)

Resolution No. 047
Series of 2022

A RESOLUTION
RECOMMENDING TO THE HEAD OF THE PROCURING ENTITY, GOVERNOR YVONNE
ROÑA CAGAS TO ADOPT THE 3-STRIKE POLICY IN THE PROCUREMENT OF CONTRACTS
FOR GOODS AND SERVICES, AND INFRASTRUCTURE PROJECTS OF THE PROVINCIAL
GOVERNMENT OF DAVAO DEL SUR.

WHEREAS, the Provincial Government of Davao del Sur encounters several failures of biddings due to constant errors committed by the participating Bidders in the submission of their bidding documents despite of the orientation during Pre-bid Conference and the instruction to Bidders;

WHEREAS, to further strengthen the integrity of the competitive bidding process, the Bids and Awards Committee together with the Members of the Technical Working Group unanimously agreed that the following instructions are hereby issued pertaining to the implementation of the 3-Strike Policy of the Provincial Government of Davao del Sur against violations of Section 69 of the IRR of RA 9184;

1. The provision of Section 69.1 of the said IRR, pertaining to the 3-Strike Policy of the Provincial Government of Davao del Sur, is hereby reiterated as follows:
"In addition to the provisions of Rules XXI and XXII of this IRR, the Head of the Procuring Entity, subject to the authority delegated to the BAC, if any, shall impose on bidders or prospective bidders, the administrative penalty of suspension for one (1) year for the first offense, and suspension of two (2) years for the second offense from participating in the competitive bidding process, as well as disqualification from further participating in the competitive bidding being undertaken by the Procuring Entity concerned, where applicable, for the following violations: 69.1.i All other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons."
2. The violations enumerated, which are considered as acts that tend to defeat the purpose of competitive bidding, are hereby clarified to read as follows:
 - 2.a A Bidder that had purchased bidding documents, but subsequently (a) withdrawn from the bidding or (b) submitted a letter of non-participation, or (c) did not submit a bid -- without a valid cause, as determined by the Bids and Awards Committee (BAC);
 - 2.b Submission of erroneous, insufficient, defective documents such as, but not limited to, insufficient bid securities, any computational/typographical error in the submitted bidding documents and other deficiencies which causes bid disqualifications;
 - 2.c Non-submission of post-qualification and other requirements within the prescribed period as specified in the notice issued by the BAC;



Republic of the Philippines
PROVINCE OF DAVAO DEL SUR
Barangay Matti, Digos City, Davao del Sur
Mobile Nos: 0901-299-0526/0908-332-2024/0948-768-5848
Telefax: (082) 551-9579/ Website: www.davaodelsur.gov.ph
Email Add.: bac.davaodelsur2@gmail.com, sbacdavaodelsur@gmail.com

OFFICE OF THE GOVERNOR BIDS AND AWARDS COMMITTEE (BAC)

BAC Resolution No. 047 s. 2022

Page -2-

x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x

3. Every time a bidder is observed to have done any of the three acts enumerated in Item 2 of paragraph a, b & c of this Resolution, the Chairperson of the BAC shall immediately serve a written notice to the bidder informing him of his act, and giving him three (3) calendar days to show cause why he should not be sanctioned committing an act which tends to defeat the purpose of public bidding under the 3-Strike Policy of the Provincial Government of Davao del Sur;
4. Based on the evaluation by the BAC of the bidder's response to the show cause notice mentioned in Item No. 3 of this Resolution, the BAC shall, within five (5) calendar days from the receipt of the bidder's response determine whether the bidder's act was done with or without a valid cause;
5. The BAC Secretariat shall submit to the BAC a 3-Strike Policy Report, which shall contain the information in item 3 and 9 of this Resolution. The Report must be received by the BAC through the Chairperson within fifteen (15) days after the date of the opening of bids;
6. The BAC through its Secretariat shall monitor the participation of bidders in all of its projects and maintain a tally of violations by each bidder of the 3-Strike Policy in its jurisdiction as well as of the violations by the bidder of the said policy in other offices of the Provincial Government of Davao del Sur;
7. For the procurement of Infrastructure Projects, this Policy is applicable to all modes of procurement, be it Competitive Bidding or alternative modes of procurement, however, for the procurement of Goods and Consulting Services, this Policy is applicable to Competitive Bidding only;
8. For the sanctions to be imposed:
 - **ONE (1) STRIKE** will be imposed for various IB Nos. participated by the bidder with the same nature of violation opened on the same date, or was disqualified during post-qualification stage with the same case of the latter;
 - **MULTIPLE STRIKES** for different discrepancies/offenses under different IB Nos. opened on the same date, or was disqualified during post-qualification stage with the same case of the latter;
9. Each "offense" by a bidder referred to in Section 69.1.i. of the IRR, as stated in this Resolution, consists of three violations or strikes within a period of one calendar year for all procurements by all offices of the Provincial Government of Davao del Sur. A Fresh Period of one (1) year in counting of "strikes" shall be observed in the succeeding year;
10. Based on the 3-Strike reports, the Bids and Awards Committee, shall recommend to the Head of the Procuring Entity, for approval, the following administrative sanctions on the erring Contractor/Supplier for the violation of the 3-Strike Policy:
 - a. For the first violation or strike – a first warning.
 - b. For the second strike – a second warning.
 - c. For the third strike, which together with the first two strikes constitutes the first offense against the 3-Strike Policy – an administrative penalty of suspension for one (1) year from participating in any procurement process in the Provincial Government of Davao del Sur.

12078 DAVAO DEL SUR



Republic of the Philippines
PROVINCE OF DAVAO DEL SUR
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Email Add.: bac.davaodelsur2@gmail.com, sbacdavaodelsur@gmail.com

OFFICE OF THE GOVERNOR
BIDS AND AWARDS COMMITTEE (BAC)

BAC Resolution No. 047 s. 2022

Page -3-

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- d. For the second offense – the second set of three strikes committed by the bidder – an administrative suspension for two (2) years from participating in any procurement process in the Provincial Government of Davao del Sur.


WHEREFORE, on motion of BAC Member Milana, duly seconded by BAC Member Putong, it was –

RESOLVED, as it is hereby **RESOLVED**, to recommend to the Head of the Procuring Entity, YVONNE ROÑA CAGAS to **ADOPT THE 3-STRIKE POLICY IN THE PROCUREMENT OF CONTRACTS OF THE PROVINCIAL GOVERNMENT OF DAVAO DEL SUR.**

RESOLVED FINALLY, to furnish copies of this Resolution to all agencies concerned, Suppliers, and Concerned End Users, for their information and guidance.


UNANIMOUSLY APPROVED at the Almendras Hall, Governor Douglas Ralota Cagas Sports and Business Complex, Barangay Matti, Digos City, Province of Davao del Sur, this 14th day of July, 2022.

I hereby certify the correctness of above-mentioned resolution.


NORJANNA M. CAMAGUIN, MPA
LTOO IV
Head, BAC Secretariat (Goods and Consulting Services)



Engr. SHIELA MAE ZAPANTA, MPA
Agricultural Technologist
Head, BAC Secretariat (Infrastructure Projects)

Attested by:


DOMINIC S. BUCOL JD
PGDH-Provincial Warden Office
BAC Member

(on leave)
RAUL R. FUECONCILLO, MagDev
PGDH-Office of the Provincial Agriculturist
BAC Member


Engr. ANGELIE R. GELLA
APGDH-PEO
BAC Member


Engr. RODERICK R. MILANA, REA
PGDH-PASSO
BAC Member

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OFFICE OF THE GOVERNOR
BIDS AND AWARDS COMMITTEE (BAC)


BAC Resolution No. 037 s. 2022

Page -4-

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ALLAN C. PUTONG
PGDH-PGSO
BAC Member


RAUL D. RAUT, EnP, JD
PGDH-PHRMO
BAC Vice Chairperson


DESSAMIE BUAT-SANCHEZ, CPA, JD
PGDH - PBO
BAC Chairperson – Presiding Officer

Approved by:

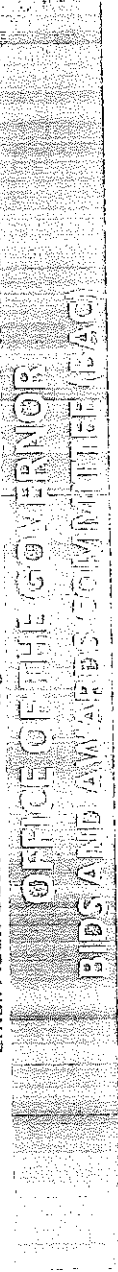

YVONNE RONA CAGAS
Governor
Head of Procuring Entity

1 2008 DAVAO DEL SUR

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Republic of the Philippines
PROVINCE OF DAVAO DEL SUR
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Resolution No. 052
 Series of 2022

A RESOLUTION
RECOMMENDING TO THE HEAD OF THE PROCURING ENTITY, GOVERNOR
YVONNE ROÑA CAGAS TO ADOPT THE SUSPENSION OF PARTICIPATING
BIDDERS WHO WILL INCUR ANY OF THE VIOLATIONS STIPULATED IN SECTION
41 OF THE 2016 REVISED IMPLEMENTING RULES AND REGULATIONS OF
REPUBLIC ACT NO. 9184, OTHERWISE KNOWN AS THE GOVERNMENT
PROCUREMENT REFORM ACT.

WHEREAS, the Provincial Government of Davao del Sur encounters failures of biddings due to constant violations committed by the participating Bidders in the submission of their bidding documents despite of the orientation during Pre-bid Conference and the Instruction to Bidders;

WHEREAS, to further strengthen the integrity of the competitive bidding process, the Bids and Awards Committee together with the Members of the Technical Working Group unanimously agreed that the following instructions are hereby issued pertaining to the implementation of the Suspension of the Participating Bidders against violations of Section 41 of the Revised IRR of RA 9184;

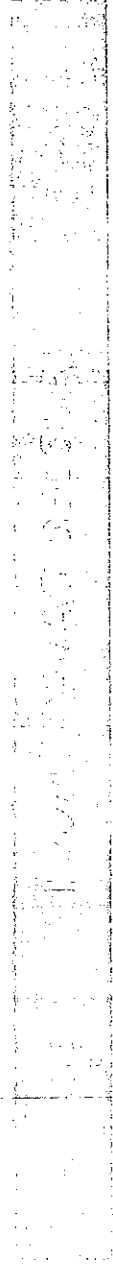
1. The provision of Section 41 the Revised IRR of RA 9184 is hereby reiterated as follows:

“Section 41. Reservation Clause. - The Head of the Agency reserves the right to reject any and all Bids, declare a failure of bidding, or not award the contract in the following situations:

- a. If there is prima facie evidence of collusion between appropriate public officers or employees of the Procuring Entity, or between the BAC and any of the bidders, or if the collusion is between or among the bidders themselves, or between a bidder and a third party, including any act which restricts, suppresses or nullifies or tends to restrict, suppress or nullify competition;*
- b. If the BAC is found to have failed in following the prescribed bidding procedures; or*
- c. For any justifiable and reasonable ground where the award of the contract will not redound to the benefit of the government as defined in the IRR.”*

2. The violations enumerated, which are considered as acts that tend to defeat the purpose of competitive bidding, are hereby clarified to read as follows:
 2.a . *If there is prima facie evidence of collusion between appropriate public officers or employees of the Procuring Entity*

2.b *If there is prima facie evidence of collusion between the BAC and any of the bidders;*





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BAC Resolution No. 052 s. 2022

Page -2-

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2.c If there is *prima facie* evidence of collusion between or among the bidders themselves, or between a bidder and a third party, including any act which restricts, suppresses or nullifies or tends to restrict, suppress or nullify competition;

3. The BAC through its Secretariat shall monitor the participation of bidders in all of its projects and maintain a tally of violations by each bidder in its jurisdiction as well as of the violations by the bidder of the said policy in other offices of the Provincial Government of Davao del Sur.

4. The Bids and Awards Committee, shall recommend to the Head of the Procuring Entity, for approval, the administrative sanction on the erring participating bidder/contractor for the violation Section 41 of RA 9184:

- a. For the first violation – an administrative penalty of suspension for three (3) months from participating in any procurement process in the Provincial Government of Davao del Sur.
- b. For the second violation – an administrative penalty of suspension for one (1) year from participating in any procurement process in the Provincial Government of Davao del Sur.
- c. For the third offense- perpetual disqualification from participating in any procurement process in the Provincial Government of Davao del Sur.

WHEREFORE, on motion of BAC Member Milana, duly seconded by BAC Member Putong, it was –


RESOLVED, as it is hereby **RESOLVED**, to recommend to the Head of the Procuring Entity, **GOVERNOR YVONNE ROÑA CAGAS to ADOPT THE SUSPENSION OF PARTICIPATING BIDDERS WHO WILL INCUR ANY OF THE VIOLATIONS STIPULATED IN SECTION 41 OF THE 2016 REVISED IMPLEMENTING RULES AND REGULATIONS OF REPUBLIC ACT NO. 9184, OTHERWISE KNOWN AS THE GOVERNMENT PROCUREMENT REFORM ACT.**

RESOLVED FINALLY, to furnish copies of this Resolution to all agencies concerned for their information and guidance.

UNANIMOUSLY APPROVED at the Almendras Hall, Governor Douglas Ralota Cagas Sports and Business Complex, Barangay Matti, Digos City, Province of Davao del Sur, this 14th day of July, 2022.

I hereby certify the correctness of above-mentioned resolution.

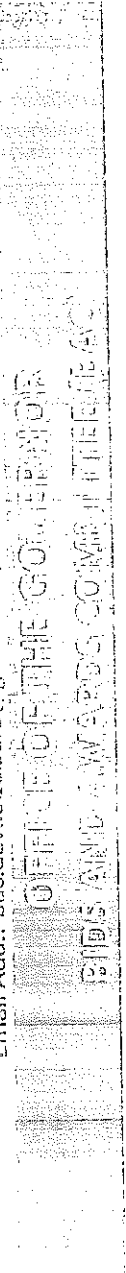

Engr. **SHIELA MAE ZAPANTA, MPA**
Agricultural Technologist
Head, BAC Secretariat (Infrastructure Projects)


NORJAMA M. QAMAGUIN, MPA
LTOO IV
Head, BAC Secretariat (Goods and Consulting Services)





Republic of the Philippines
PROVINCE OF DAVAO DEL SUR
 | Barangay Matti, Digos City, Davao del Sur
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BAC Resolution No. 052 s. 2022


Page -3-


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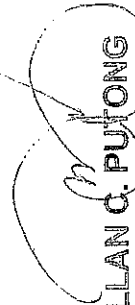
Attested by:


DOMINIC S. BUCOL JD
 PGDH-Provincial Warden Office
 BAC Member

(on leave)
RAUL R. FUECONCILLO, MagDev
 PGDH-OPAG
 BAC Member


Engr. ANGELIE R. GELLA
 APGDH-PEO
 BAC Member


Engr. RODERICK R. MILANA, REA
 PGDH-PASSO
 BAC Member


ALLAN C. PUJONG
 PGDH-PGSO
 BAC Member


RAUL D. RAUT, EnP, JD
 PGDH-HRMO
 BAC Vice Chairperson


DESSAMIE BUAT-SANCHEZ, CPA, JD
 Provincial Budget Officer
 BAC Chairperson – Presiding Officer

Approved by:


YVONNE RONA CAGAS
 Governor
 Head of Procuring Entity





Republic of the Philippines
PROVINCE OF DAVAO DEL SUR

Barangay Matti, Digos City, Davao del Sur

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OFFICE OF THE GOVERNOR
PROVINCE OF DAVAO DEL SUR

Resolution No. 053
Series of 2022

A RESOLUTION

RECOMMENDING TO THE HEAD OF THE PROCURING ENTITY, GOVERNOR YVONNE ROÑA CAGAS, TO DECLARE BIDDERS WHO FAILED TO DISCLOSE ALL ON-GOING PROJECTS AS DISQUALIFIED, AFTER FINDING SUCH NON-INCLUSION DURING POST-QUALIFICATION OF BIDDERS BY THE BAC TECHNICAL WORKING GROUP (TWG).

Be it enacted by the BAC MEMBERS in meeting assembled:

WHEREAS, in line with the Provincial Government of Davao del Sur's initiative to fast-track the procurement transactions of the Province, the Special Bids and Awards Committee thereby adopts this Resolution to produce Contractors with integrity and truthfulness in their submitted bid;

WHEREAS, item number 2 of GPPB NPM 111-2013 states that, *"Failure to include all on-going and completed contracts in the Statement may be a ground for disqualification for being incomplete, and may also result in blacklisting if proven that such failure amounts to submission of false information or false documents. The submission of the eligibility documents enumerated in Section 23.1 of the IRR is a mandatory requirement that must be complied with by prospective bidders, such that failure to submit any of the documents or the submission of an otherwise incomplete or patently insufficient document, will disqualify the bidder based on the non-discretionary "pass/fail" criterion under Section 30.1 of the IRR."*

IN ADDITION, GPPB NPM 006-2018 states that, *"Failure to declare an on-going government and private contract, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid is a ground for disqualification. These contracts, as reflected in the "Statement of all on-going contracts", are vital to the computation of the Net Financial Contracting Capacity of the bidder, and they are necessary information during the post-qualification stage to verify, validate and ascertain the technical qualification of the Lowest Calculated Bidder for the ultimate determination whether it is the Lowest Calculated and Responsive Bidder."*;

WHEREFORE, after thorough deliberation, BAC Member Milana duly seconded by BAC Member Putong, it was-

RESOLVED, as it is hereby RESOLVED, to recommend to the HEAD OF PROCURING ENTITY, GOVERNOR YVONNE ROÑA CAGAS, TO DECLARE BIDDERS WHO FAILED TO DISCLOSE ALL ON-GOING PROJECTS AS DISQUALIFIED AFTER FINDING SUCH NON-INCLUSION DURING POST-QUALIFICATION OF BIDDERS BY THE BAC TECHNICAL WORKING GROUP (TWG);

RESOLVED FINALLY, to furnish copies of this Resolution to all agencies concerned for their information and guidance.

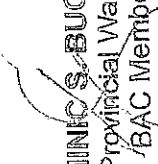
UNANIMOUSLY APPROVED at the Almendras Hall, Governor Douglas Ralota Cagas Sports and Business Complex, Barangay Matti, Digos City, Province of Davao del Sur, this 14th day of July, 2022.

I hereby certify to the correctness of above-mentioned resolution

Engr. SHEILA MAE ZAPANTA, MPA
Agricultural Technologist
Head, BAC Secretariat (Infrastructure Projects)

NORJANNA M. CAMAGUIN, MPA
LTOO IV
Head, BAC Secretariat (Goods and Consulting Services)


Attested by:


DOMINIC S. BUCOL JD
PGDH-Provincial Warden Office
/BAC Member

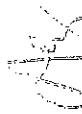
(on leave)
RAUL R. FUECONCILLO, MagDev
PGDH-Office of the Provincial Agriculturist
BAC Member


Engr. ANGELIE R. GELLA
APGDH-PEO
BAC Member


Engr. RODERICK R. MILANA, REA
PGDH-PASSO
BAC Member


ALLAN C. PUTONG, JD
PGDH-PGSO
BAC Member


RAUL D. RAUT, EnP, JD
PGDH-HRMO
BAC Vice Chairperson


DESSAMIE BUAT-SANCHEZ, CPA, JD
PGDH - PBO
BAC Chairperson – Presiding Officer

Approved by:


YVONNE RONA GAGAS
Governor
Head of Procuring Entity



PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

Mobile Nos. 0905-229-0526/0908-332-2024 (Goods), 0948-768-5848 (Infra)
Telefax: (082) 553-9579

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Agus Davao del Sur

TWG – CHECKLIST FOR BID EVALUATION

IB No.	Name of Project:	FINDINGS	REMARKS
Contractor:			
ITEMS:			
1.	Bid Amount (both in words and in figure) must be below ABC.		
2.	Bill of Quantities submitted by the contractor must conform with the Bill of Quantities issued by the End-User.		
3.	Detailed Estimates		
	A. Check mathematical computation in the Detailed Estimates		
	B. The amount in the Detailed Estimates must be reconciled with the amount in the summary of bid and the quantities in the BOQ.		
	C. Allowance for waste and/or losses, not to exceed 5% of materials equipment.		
	D. Mobilization and demobilization shall not exceed 1% of the Estimated Direct Cost (EDC) of the civil works items.		
	E. Overhead expenses must be within the range of %-11% of the EDC.		
	F. Contingencies must be within the range of 0.5%-3% of the EDC.		
	G. Miscellaneous expenses must be within the range of 0.5%-1% of the EDC.		
	H. Contractor's Profit Margin shall be 8% of the EDC for projects above 5 million and 10% for the projects 5 million and below.		
	I. VAT Component shall be 5% of the sum of the EDC, OCM, and Profit.		
	J. The following non-civil work items shall not be subjected to OCM mark-up:		
	1. Field/ Laboratory Office & Living Quarters (Rental Basis)		
	2. Furnishing of Furniture, Laboratory Equipment, Survey Equipment and Consumables		
	3. Assistance to the Engineers		
	4. Photographs		
	5. Health and Safety		
	2. Traffic Management		
	3. Environmental Compliance		
	4. Communication Equipment		
	5. Project Billboard, etc.		

P M O



Province of Davao del Sur
1987
Mercury City
Patrol 100

REPUBLIC OF THE PHILIPPINES
PROVINCE OF DAVAO DEL SUR
Office of the Governor

PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

Mobile Nos. 0905-229-0526/0908-332-2024 (Goods), 0948-768-5848 (Infra)

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K. The following items shall not be subjected to OCM and Profit mark-up:		
A. Mobilization and demobilization		
B. Provision of Service Vehicle		
C. Permits and Clearances		
4. Bid Security		
A. Cash or Cashier's/ Manager's check (2%)		
B. Bank Guarantee/ Draft or Irrevocable Letter of Credit (2%)		
C. Surety Bond callable upon demand (5%)		
D. Bid Securing Declaration (must be in prescribed form, 15 days)		
E. Cash Flow by quarter and payment schedule (check mathematical computation against the bid amount)		



PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

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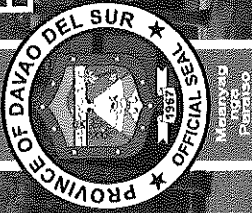
Email Add.: bac.davaodelsur2@gmail.com/sbacadavaodelsur@gmail.com

Ng Inang Davao del Sur

TWG – CHECKLIST FOR POST QUALIFICATION

IB. No.	Name of Project:	FINDINGS	REMARKS
	Contractor:		
	TECHNICAL DOCUMENTS:		
	1. Not a Blacklisted Contractor per GPPB Website		
	2. Registration certificate from SEC, Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives must be valid (Company Name and Validity)		
	3. Mayor's/ Business permit must be valid (Company Name and Validity)		
	4. Tax Clearance must be valid (Company Name and Validity)		
	5. PhilGEPS Registration (Platinum Membership) must be valid (Company Name and Validity)		
	6. Valid Philippine Contractors Accreditation Board or Special PCAB License in case of Joint Ventures (PCAB)		
	7. Statement of all on-going government and private contracts including awarded but not yet started		
	A. Complete attachments I. Notice of Award II. Contract III. Notice to Proceed IV. Contract Extension, if any; V. Statement of Work Accomplishment duly signed by the Procuring Entity B. Evaluate the projects, if any; i. Verify Target Date of Completion ii. Must not incur Negative Slippage of more than fifteen percent (15%) in any one project or a negative slippage of more than ten percent (10%) in each two (2) or more contracts. C. Verification of on-going projects via DPWH portal		
	8. Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid for the last (3) years, and whose value, adjusted to current prices using the PSA consumer price indices, must be at least fifty percent (50%) of the ABC to be bid: Provided, however, that contractors under Small A and Small B categories without similar experience on the contract to be bid may be allowed to bid if the cost of such contract is not more than the Allowable Range of Contract Cost (ARCC) of their registration based on the guidelines as prescribed by the PCAB. Must be supported with the following: A. Contract / Purchase Order B. Certificate of Completion / Acceptance or Inspection Report or Official Receipt C. Validate Contractors/Constructors Performance Evaluation System (CPES) in DPWH website.		

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Republic of the Philippines
PROVINCE OF DAVAO DEL SUR
Office of the Governor

PROCUREMENT MANAGEMENT OFFICE BIDS AND AWARDS COMMITTEE

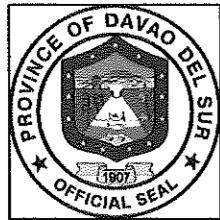
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9. Omnibus Sworn Statement must be in prescribed form (1 to 9) and duly notarized		
10. Net Financial Contracting Capacity (NFCC) must be reconciled with the Audited Financial Statements		
11. Income Tax Return as of 2020		
12. Business Tax Return Quarterly or Monthly as of 2021		
13. Construction Methods must conform with the approved plan		
14. Construction schedule and S-Curve must conform with the prescribed contract duration and the bid amount		
15. PERT-CPM must conform with the contract duration		
16. Manpower Utilization must conform with the POW		
17. Equipment Utilization must conform with the POW		
18. Duly Notarized Affidavit of Site Inspection		
19. Duly Notarized Compliance to Existing Labor Laws and Standards		



Republic of the Philippines
PROVINCIAL GOVERNMENT OF DAVAO DEL SUR
MATTI, DIGOS CITY, DAVAO DEL SUR

CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM, NEW VISAYAS, MATANAO , DAVAO DEL SUR

New Visayas Water system



LEGEND :

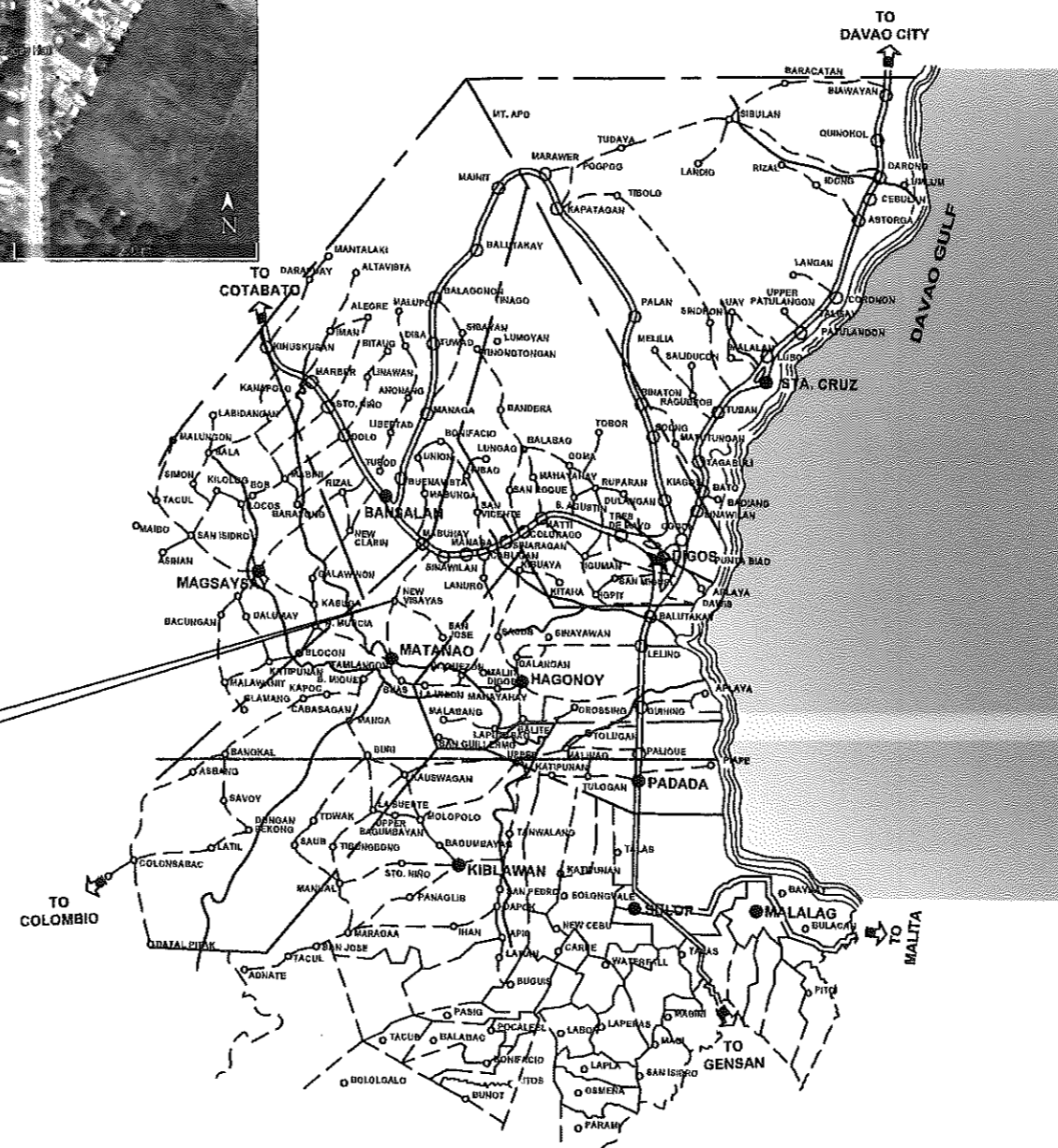
- NATIONAL ROAD
- PROVINCIAL ROAD
- SITIO OR BARRIO
- CITY
- MUNICIPAL
- RIVER

INDEX OF SHEET

SHEET NO.	SHEET CONTENTS
1/9	VICINITY MAP DISTRICT MAP OF DAVAO DEL SUR INDEX OF SHEET
2/9	GENERAL NOTES
3/9	PROJECT BILLBOARD SUMMARY OF QUANTITIES
4/9	RESERVOIR ISOMETRIC VIEW STUBOUT DETAILS DETAIL OF PIPE LAYING
5/9	RESERVOIR TO DISTRIBUTION PROFILE DRILLED WELL ELEVATION
6/9	RESERVOIR DETAILS
7/9	DETAILS OF PUMP HOUSE
8/9	ELECTRICAL LAYOUT PLAN SCALE SINGLE RISER DIAGRAM
9/9	ELECTRICAL SERVICE ENTRANCE PEDESTAL DETAIL

VICINITY MAP

THIS SITE



DISTRICT MAP OF DAVAO DEL SUR

<p>Republic of the Philippines PROVINCIAL CAPITOL OF DAVAO DEL SUR Mati, Digos City, Davao del Sur</p>	PROJECT NAME AND LOCATION :	SHEET CONTENTS :	PREPARED BY:	CHECKED BY:	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET NO.
	CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM, NEW VISAYAS, MATANAO, DAVAO DEL SUR	VICINITY MAP DISTRICT MAP OF DAVAO DEL SUR INDEX OF SHEET	ENGR. MARINEL A. SEDON PLANNING OFFICER II DATE SIGNED: 5/31/2023	ENGR. GINA O. CHUA PROJECT DEVELOPMENT OFFICER III DATE SIGNED: 6/5/2023	IMELDA P. REBUYON, EnP, MDM PGDI-PLANNING AND DEVELOPMENT DATE SIGNED: 6/5/2023	YVONNE RONA CAGAS PROVINCIAL GOVERNOR DATE SIGNED:	1/9

GENERAL NOTES

A. GENERAL NOTES

- I. DESIGN STRESSES**
- A. CONCRETE COMPRESSIVE STRENGTH @ 28 DAYS:**
- a. FOOTINGS, COLUMNS, BEAMS AND SLAB - $f'_c = 27.58 \text{ MPa (4,000 psi)}$
 - b. SLAB ON FILL - $f'_c = 20.68 \text{ MPa (3,000 psi)}$
- B. REINFORCING STEEL BARS**
- a. FOR BARS 16mm AND GREATER (INTERMEDIATE GRADE DEFORMED BAR) - $f_y = 414 \text{ MPa (60,000 psi)}$
 - b. FOR BARS LESS THAN 16mm (STRUCTURAL GRADE DEFORMED BAR) - $f_y = 275 \text{ MPa (40,000 psi)}$
- C. MASONRY UNIT (CHB)**
- a. LOADING BEARING CHB WALLS - $f_m = 6.9 \text{ MPa (1000 psi)}$
- D. WELDS**
- a. E-60XX ELECTRODE
- II. ALL CONCRETE WORKS AND CONCRETE REINFORCEMENTS SHALL BE DONE IN ACCORDANCE WITH THE ACI 318-11M BUILDING CODE REQUIREMENT AND ALL STRUCTURAL STEEL WORKS ACCORDING WITH THE WITH THE AISC-360-10 SO FAR AS THEY DO NOT CONFLICT WITH THE LOCAL BUILDING CODE REQUIREMENT. (ACI REFERS TO AMERICAN CONCRETE INSTITUTE, AISC REFERS TO AMERICAN INSTITUTE OF STEEL CONSTRUCTION AND ASTM REFERS TO AMERICAN SOCIETY FOR TESTING MATERIALS)**
- III. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.**
- IV. SHOP DRAWING WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEELS, MISCELLANEOUS IRON, PRE-CAST CONCRETE, ETC. SHALL BE SUBMITTED FOR ENGINEERS APPROVAL BEFORE FABRICATION.**
- V. ALL RESULTS OF THE MATERIAL TESTING FOR CONCRETE, REINFORCING BARS & STRUCTURAL STEEL MUST BE NOTED & APPROVED BY THE ENGINEER**

B. CONCRETE MIXES AND PLACING

1.0 ALL CONCRETE SHALL DEVELOP A MIN. COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS W/ CORRESPONDING MAXIMUM SIZE AGGREGATE & SLUMP AS FOLLOWS. (TABLE ON MIN. COMPRESSIVE STRENGTH)

MINIMUM COMPRESSIVE STRENGTH			
LOCATION	28 DAYS OF STRENGTH	MAX. SIZE OF AGGREGATES	MAX SLUMP
ALL OTHERS, INCLUDING SUSPENDED SLABS	4000 PSI (27.58 MPa)	20mm	100mm
COLUMNS	4000 PSI (27.58 MPa)	20mm	100mm
BEAMS AND SLABS	4000 PSI (27.58 MPa)	20mm	100mm
SLAB ON FILL	3000 PSI (20.68 MPa)	20mm	100mm

2.0 MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS.

MINIMUM CONCRETE COVERING	
SUSPENDED SLABS	20mm
SLAB ON GRADE	40mm
WALLS ABOVE GRADE	25mm
BEAM STIRRUPS AND COLUMN TIES	40mm
WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS	20mm
WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH	75mm

3.0 CONCRETE SHALL BE DEPOSITED IN ITS FINAL POSITION WITHOUT SEGREGATION. RE-HANDLING OR PLACING SHALL BE DONE PREFERABLY WITH BUGGIES, BUCKETS OR WHEELBARROWS, NO CHUTES WILL BE ALLOWED EXCEPT TO TRANSFER CONCRETE FROM HOPPERS TO BUGGIES, WHEELBARROWS OR BUCKETS IN WHICH CASE THEY SHALL NOT EXCEED SIX (6) METERS IN AGGREGATE LENGTH.

4.0 NO DEPOSITING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS UNLESS AUTHORIZED BY THE ENGINEER AND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATIONS ARE EXTREMELY DIFFICULT TO ACCOMPLISH.

5.0 ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS SHALL BE PROPERLY POSITIONED & SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.

6.0 ALL CONCRETE SHALL BE KEPT MOST FOR A MINIMUM OF SEVEN CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.

FOUNDATION	24 HOURS
SUSPENDED SLAB EXCEPT WHEN ADDITIONAL LOADS ARE IMPOSED	8 DAYS
WALLS	21 DAYS
BEAMS	14 DAYS
COLUMNS	21 DAYS

C. NOTES ON FOOTING

- 1.0 FOOTING SHALL REST AT LEAST 1500mm BELOW NATURAL GRADE LINE UNLESS OTHERWISE INDICATED IN PLANS. NO FOOTING SHALL REST ON FILL
- 2.0 MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE 75mm CLEAR FOR CONCRETE DEPOSITED THE GROUND AND 50mm FOR CONCRETE DEPOSITED AGAINST A FORM WORK.

D. NOTES ON REINFORCEMENT

1. UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:

YIELD STRENGTH OF REINFORCING BARS	
FOOTINGS, FOOTING BEAMS AND GIRDERS	$f_y = 414 \text{ MPa (60,000 psi)}$
COLUMNS AND SHEAR WALLS	$f_y = 414 \text{ MPa (60,000 psi)}$
BEAMS AND GIRDER	$f_y = 414 \text{ MPa (60,000 psi)}$
LOAD BEARING WALL PARTITIONS, BEDDED SLABS, FLOOR & ROOF SLABS, PARAPETS, CATCH BASIN, SIDE WALK	$f_y = 275 \text{ MPa (40,000 psi)}$

2.0 SPLICES SHALL BE SECURELY WIRED TOGETHER & SHALL LAP OR EXTEND IN ACCORDANCE W/ (SEE TABLE ON MIN. LAP SPLICES) UNLESS OTHERWISE SHOWN ON DRAWINGS, SPLICES SHALL BE STAGGERED WHENEVER POSSIBLE.

E. NOTES ON REINFORCED CONCRETE SLAB

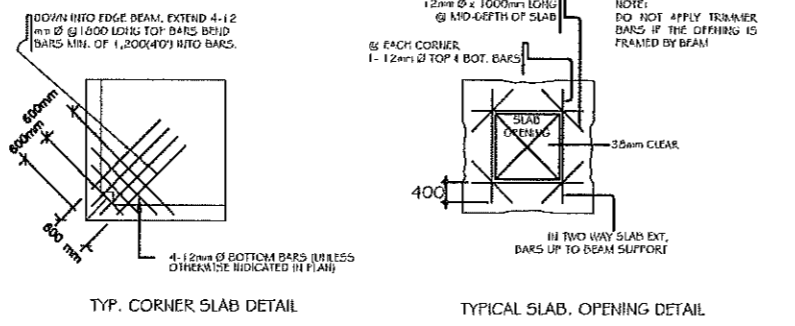
- 1.0 ALL SLAB REINFORCEMENTS SHALL BE 20mm CLEAR MINIMUM FROM BOTTOM AND FROM THE TOP OF SLAB.
- 2.0 IF SLABS ARE REINFORCED BOTH WAYS BARS ALONG THE SHORTER SPAN SHALL BE PLACED BELOW THOSE ALONG THE LONG SPAN AT THE CENTER AND OVER THE LONGER SPAN FOR REINFORCING BARS NEAR THE SUPPORTS. THE SPACING OF THE BARS AT THE COLUMN STRIPS SHALL NOT BE MORE THAN ONE AND A HALF (1 1/2) SLAB THICKNESS.
- 3.0 TEMPERATURE BARS FOR SLAB SHALL BE GENERALLY PLACED NEAR THE FACE IN TENSION AND SHALL NOT BE LESS THAN 0.0025 X GROSS-SECTIONAL AREA (A_g) OF THE SLAB. (SEE SCHEDULE BELOW)

TABLE ON MINIMUM SLAB REINFORCEMENT	
100 mm	MIN. TEMP BAR 10mm @ 250mm EACH WAY
125 mm	MIN. TEMP BAR 10mm @ 250mm EACH WAY
150 mm	MIN. TEMP BAR 10mm @ 250mm EACH WAY
175 mm	MIN. TEMP BAR 10mm @ 250mm EACH WAY
200 mm	MIN. TEMP BAR 10mm @ 250mm EACH WAY

4.0 UNLESS OTHERWISE NOTED IN THE PLANS ALL BEDDED SLABS SHALL BE REINFORCED WITH 10mm @ 250mm O.C. EACH WAY TO CENTER OF SLAB AND CONSTRUCTION JOINTS FOR SAME SHALL NOT BE LESS THAN 3.65 METER APART.

5.0 PROVIDE EXTRA REINFORCEMENTS FOR CORNER SLAB (TWO ADJACENT DISCONTINUES EDGES) AS SHOWN BELOW.

6.0 CONCRETE SLAB REINFORCEMENT BE PROPERLY SUPPORTED WITH 10mm STEEL CHAIR OR APPROVED EQUIVALENT SPACED AT 1.0 METER ON CENTER BOTH WAYS.



F. NOTES ON COLUMN

1.0 PROVIDE EXTRA SETS OF TIES AT 100 O.C. FOR TIED COLUMN REINFORCEMENT ABOVE AND BELOW BEAM-COLUMN CONNECTIONS FOR A DISTANCE FROM FACE OF CONNECTION EQUAL TO GREATER OF THE OVERALL THICKNESS OF COLUMN, 1/6 THE CLEAR HEIGHT OF COLUMN OR 450mm.

2.0 COLUMN TIES SHALL BE PROTECTED EVERYWHERE BY A COVERING OF CONCRETE CAST MONOLITHICALLY WITH THE CORE WITH A MINIMUM THICKNESS OF 40mm AND NOT LESS THAN 40 TIMES THE MAXIMUM SIZE OF COARSE AGGREGATE IN MILLIMETERS.

3.0 WHERE COLUMNS CHANGE IN SIZE, VERTICAL REINFORCEMENT SHALL BE OFFSET AT A SLOPE MONOLITHICALLY WITH THE CORE WITH MINIMUM THICKNESS OF 40mm AND NOT LESS THAN 40 TIMES THE MAXIMUM SIZE COARSE AGGREGATE IN MILLIMETERS

4.0 UNLESS OTHERWISE INDICATED IN THE PLANS, LAP SPLICES FOR VERTICAL COLUMN REINFORCEMENT SHALL BE MADE WITHIN THE CENTER HALF OF COLUMN HEIGHT, AND THE SPLICE LENGTH SHALL NOT BE LESS THAN 40 BAR DIAMETERS. WELDING OR APPROVED MECHANICAL DEVICES MAY BE USED PROVIDED THAT NOT MORE THAN ALTERNATE BARS ARE WELDED OR MECHANICALLY SPLICED AT ANY LEVEL AND THE VERTICAL DISTANCES

G. NOTES ON BEAM AND SPLICING

BAR SIZES (DRB)	TABLE "A" - TENSION BARS TABLE OF LAP SPLICE & ANCHORAGE LENGTH (mm)			
	$f'_c = 20.7 \text{ MPa (3000psi)}$		$f'_c = 27.6 \text{ MPa (4000psi)}$	
	EMBEDDED	LAPPED	EMBEDDED	LAPPED
10mm \emptyset	300	300	300	300
12mm \emptyset	300	300	300	300
16mm \emptyset	300	400	300	400
20mm \emptyset	400	550	350	500
25mm \emptyset	600	800	550	750
28mm \emptyset	750	1000	650	850
32mm \emptyset	950	1300	850	1100

- NOTE:
- a. TOP PLAIN BARS, MULTIPLY VALUE BY 2
 - b. NOT MORE THAN 33% OF THE BARS SHALL BE SPLICED WITHIN THE REQUIRED LAP LENGTH

BAR SIZES (DRB)	TABLE "B" - COMPRESSION BAR TABLE OF LAP SPLICE & ANCHORAGE LENGTH (mm)			
	$f'_c = 20.7 \text{ MPa (3000psi)}$		$f'_c = 27.6 \text{ MPa (4000psi)}$	
	EMBEDDED	LAPPED	EMBEDDED	LAPPED
10mm \emptyset	225	300	200	300
12mm \emptyset	275	300	250	300
16mm \emptyset	350	400	325	400
20mm \emptyset	450	500	475	500
25mm \emptyset	550	625	550	625
28mm \emptyset	625	675	625	675
32mm \emptyset	700	775	700	775

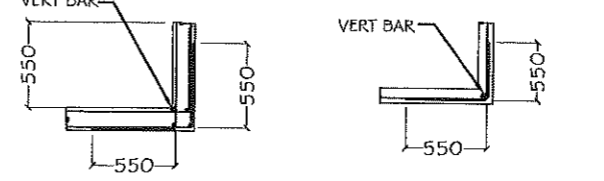
- NOTE:
- a. TOP PLAIN BARS, MULTIPLY VALUE BY 2
 - b. NOT MORE THAN 33% OF THE BARS SHALL BE SPLICED WITHIN THE REQUIRED LAP LENGTH
 - c. VALUES GIVEN ABOVE CAN ALSO BE USED FOR COLUMNS

H. NOTES ON REINFORCED CONCRETE WALL

1.0 ALL WALLS SHALL BE REINFORCED ACCORDING TO THE FOLLOWING SCHEDULE OF WALL REINFORCEMENT UNLESS OTHERWISE INDICATED IN THE PLANS.

WALL THICKNESS	REINFORCEMENT		NOTES
	HORIZONTAL	VERTICAL	
100mm	10mm @ 250 O.C.	10mm @ 300 O.C.	HOR. BARS @CENTERS
125mm	10mm @ 200 O.C.	10mm @ 250 O.C.	VERTICAL BARS STAGGERED OUT
150mm	10mm @ 200 O.C.	10mm @ 250 O.C.	

REINFORCING BARS SHALL HAVE 25mm CLEAR CONCRETE COVER FROM FACE OF WALL EXCEPT FOR WALLS IN CONTACT WITH THE GROUND WHERE A MINIMUM OF 60mm SHALL BE PROVIDED AND FOR EXPOSED FACES OF FORMED WALLS WHERE THE MINIMUM SHALL BE 50mm CLEAR.

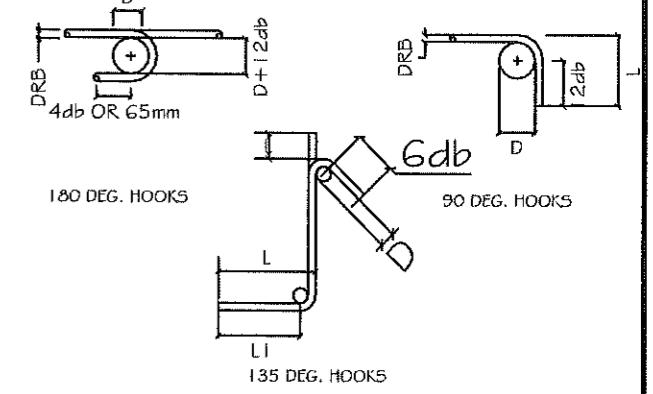


I. NOTES ON WELD

- 1.0 USE "E60XX" ELECTRODES FOR ALL MEMBERS WELDED.
- 2.0 WELDS SHALL DEVELOP THE FULL STRENGTH OF MEMBERS JOINED UNLESS OTHERWISE SHOWN OR DETAILED IN THE DRAWINGS.

J. NOTES ON STIRRUPS, HOOKS AND BENDS

- 1.0 ALL REINFORCEMENT SHALL BE BENT COLD UNLESS OTHERWISE PERMITTED BY THE ENGINEER
- 2.0 AS SHOWN IN THE DESIGN DRAWINGS OR PERMITTED BY THE STRUCTURAL ENGINEER.
- 3.0 TIES & CLOSE STIRRUPS MUST BE AT 135deg..



MAIN BAR END HOOKS (ALL GRADE)				
BAR SIZE (DEFORMED)	DIAMETER (mm)	180°		90°
		D+12db	L(mm)	L(mm)
10mm \emptyset	60	75	125	120
12mm \emptyset	75	100	150	200
16mm \emptyset	95	125	175	250
20mm \emptyset	115	150	200	300
25mm \emptyset	150	200	230	450
28mm \emptyset	240	300	350	550
38mm \emptyset	300	335	450	600

STIRRUPS AND TIE HOOKS (ALL GRADE)				
BAR SIZE (DEFORMED)	DIAMETER (mm)	180°		90°
		D+12db	L(mm)	L(mm)
10mm \emptyset	40	125	85	100
12mm \emptyset	50	165	115	115
16mm \emptyset	65	200	140	150
20mm \emptyset	115	300	165	300
38mm \emptyset	150	335	230	405

STRUCTURAL ABBREVIATIONS AND SYMBOLS			
C	COLUMN	W	WALL
F	FOOTING	WF	WALL FOOTING
FTB	FOOTING TIE BEAM	PC	PEDESTAL COLUMN
B	BEAM	SC	STIFFENER COLUMN
CB	CANTILEVER BEAM	LB	LANDING BEAM
SB	SUSPENDED BEAM	RB	ROOF BEAM
LC	LANDING COLUMN	G	GIRT
⊙	SLAB	DW	DRYWALL

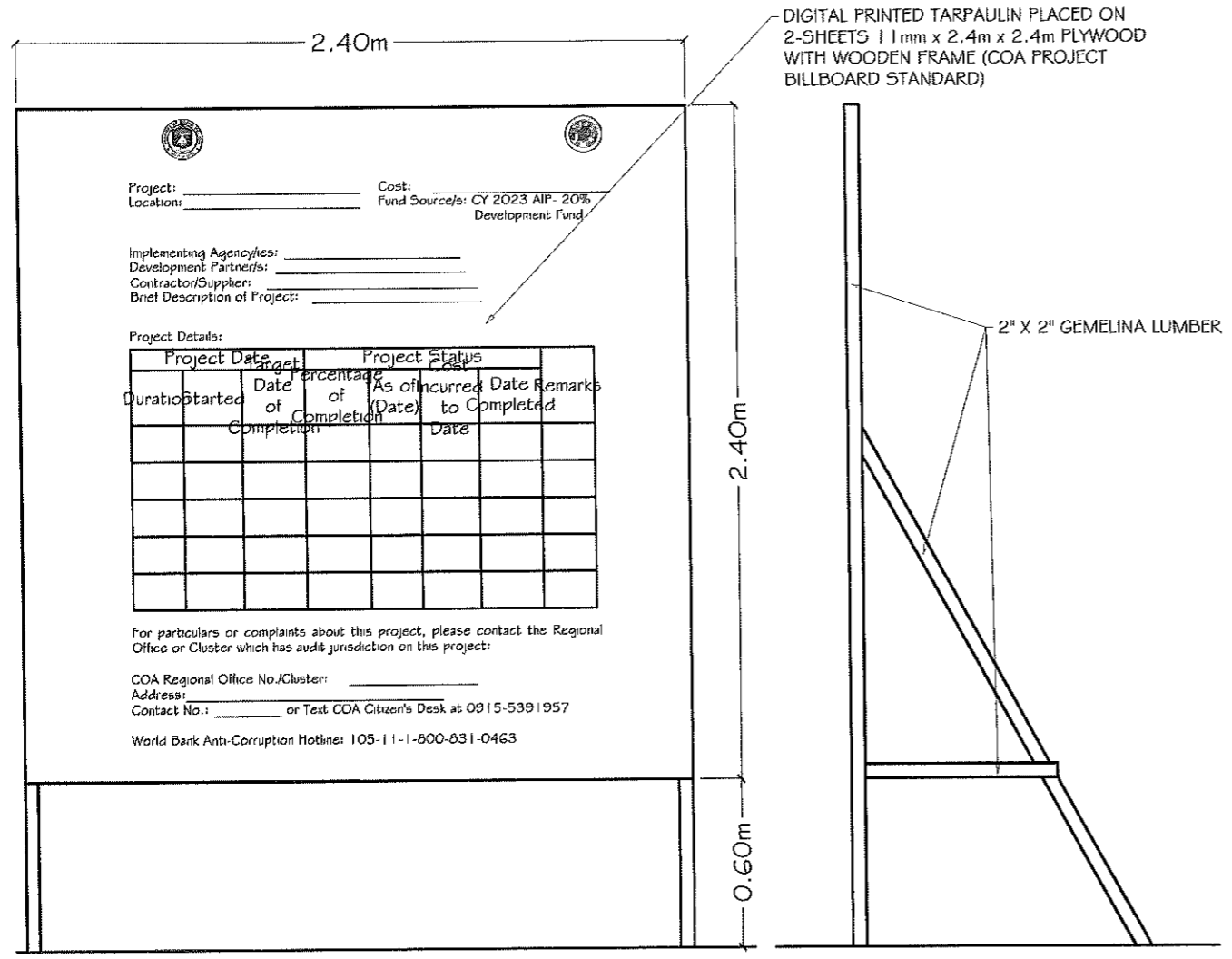
K. NOTES ON PIPES

- 1. THE MINIMUM DESIGN PRESSURE SHALL BE 1,035 MPA(150PSI) UNLESS OTHERWISE SHOWN OR SPECIFIED.
- 2. PIPE JOINTS MAY BE DEFLECTED WITHIN THE LIMITS RECOMMENDED BY THE PIPE MANUFACTURERS.
- 3. INDICATED METRIC EQUIVALENT USED ON THESE PLANS FOR PIPE SIZES ARE AS FOLLOWS:

1/2" = 13 mm	2 1/2" = 63 mm
3/4" = 20 mm	3" = 75 mm
1" = 25 mm	4" = 100 mm
1 1/2" = 38 mm	6" = 150 mm
2" = 50 mm	8" = 200 mm

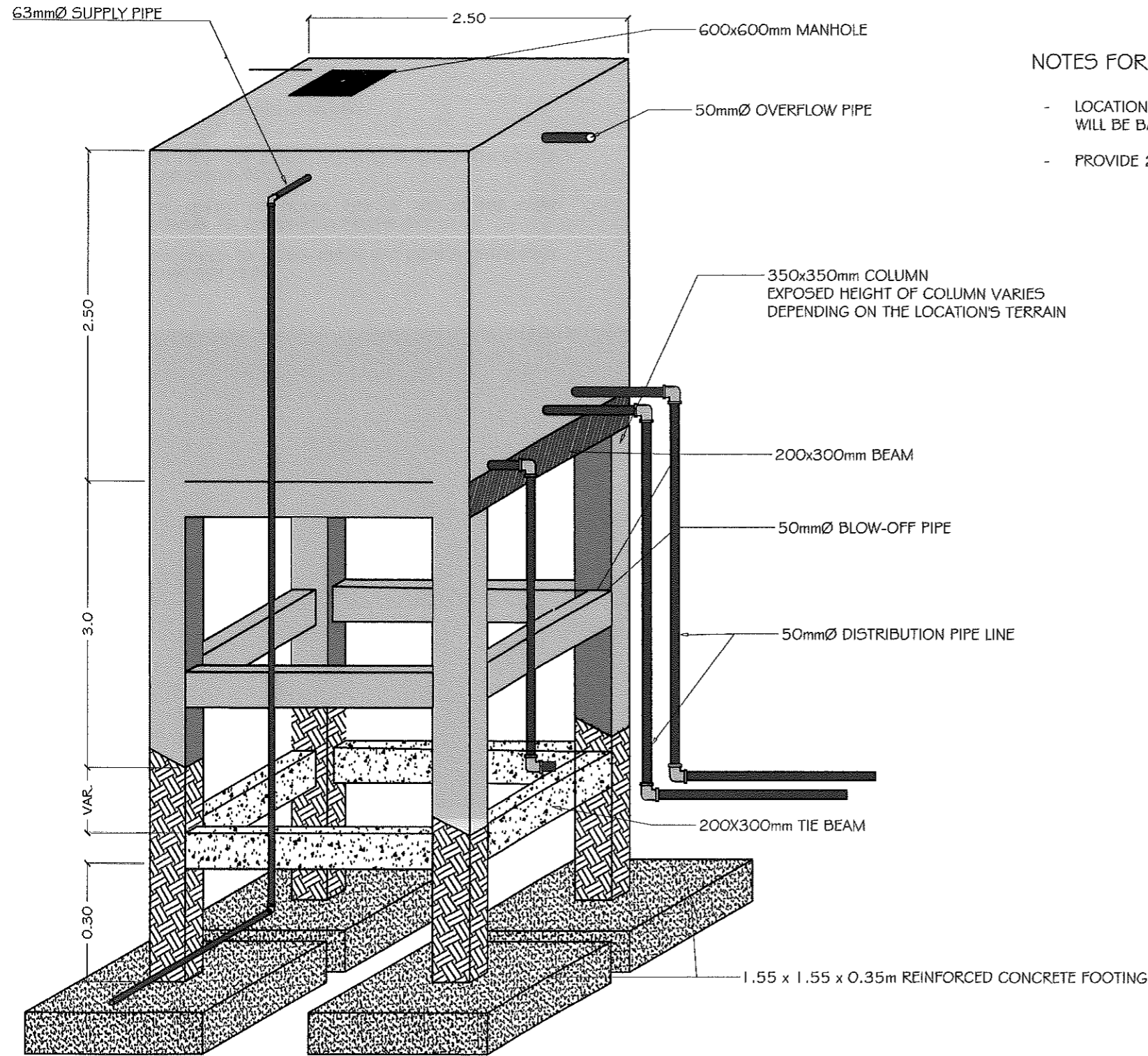
	Republic of the Philippines PROVINCE OF DAVAO DEL SUR Matli, Digos City, Davao del Sur	PROJECT NAME AND LOCATION : CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM, NEW VISAYAS, MATANAO, DAVAO DEL SUR	SHEET CONTENTS : GENERAL NOTES	PREPARED BY: ENGR. MARINEL A. SEDON PLANNING OFFICER II DATE SIGNED: 5/31/2023	CHECKED BY: ENGR. GINA O. CHUA PROJECT DEVELOPMENT OFFICER III DATE SIGNED: 6/5/2023	RECOMMENDING APPROVAL : IMELDA P. REBUYON, EnP, MDM PGDH-PLANNING AND DEVELOPMENT DATE SIGNED: 6/5/2023	APPROVED BY : YVONNE RONA LAGAS PROVINCIAL GOVERNOR DATE SIGNED:	SHEET NO. <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> 2 9 </div>
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SUMMARY OF QUANTITIES



ITEMS OF WORKS		QUANTITY	UNIT
ITEM NUMBER	DESCRIPTION		
PART II. OTHER GENERAL REQUIREMENTS			
B.3	Permits and Clearances	1.00	Lump Sum
B.5	Project Billboard / Signboard	1.00	Each
B.7 (1)	Occupational Safety and Health Program	4.00	Month
B.9	Mobilization / Demobilization	1.00	Lump sum
PART III - CIVIL, MECHANICAL, ELECTRICAL AND SANITARY/PLUMBING WORKS			
PART A - EARTHWORK			
803 (1) a	Structure Excavation, Common Soil	22.83	Cubic Meter
804 (1) a	Embankment (From Structure Excavation)	12.41	Cubic Meter
804 (4)	Gravel fill	1.51	Cubic Meter
PART B - PLAIN AND REINFORCED CONCRETE WORK			
900 (1) c1	Structural Concrete, Class A, 28 days	14.96	Cubic Meter
902 (1) a2	Reinforcing Steel (Deformed), Grade 60	2738.18	Kilogram
903 (2)	Formworks and Falseworks	124.74	Square Meter
PART C - FINISHINGS AND OTHER CIVIL WORKS			
1002	Plumbing	1.00	Lump Sum
1002 (1) l	Galvanized iron Pipes with Fittings, 150mm dia.	66.00	Meter
1013(1)	Corrugated Metal Roofing, gauge 26	4.00	Square Meter
1027 (1)	Cement Plaster Finish	77.88	Square Meter
1032(1)a	Painting Works, Masonry/Concrete	77.88	Square Meter
1046 (2) a1	CHB Non Load Bearing (including Reinforcing Steel), 100 mm	7.54	Square meter
1047 (1)	Structural Steel	1.00	Lump Sum
PART D - ELECTRICAL			
1100 (10)	Conduits, Boxes & Fittings (Conduit Works/Conduit Rough-in)	1.00	Lump Sum
1101 (33)	Wires and Wiring Devices	1.00	Lump Sum
1102 (1)	Panelboard with Main & Branch Breakers	1.00	Lump Sum
1102 (10)b	Pole Mounted Transformer (OISC)	1.00	Set
1103(1)	Lighting Fixtures and Lamps	1.00	Lump Sum
PART E - MECHANICAL			
1201 (3)	Submersible Multi-Stage Deepwell Pump with control	1.00	set
PART I - WATER SUPPLY			
1600 (2)	Pipeline Trench Excavation	79.20	Cubic Meter
1601 (1)	Fill and Backfill	78.23	Cubic Meter
1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	Lump Sum
1603 (1)	Valve	1.00	Lump Sum
1604 (1)	Water Treatment Plant	1.00	Lump Sum

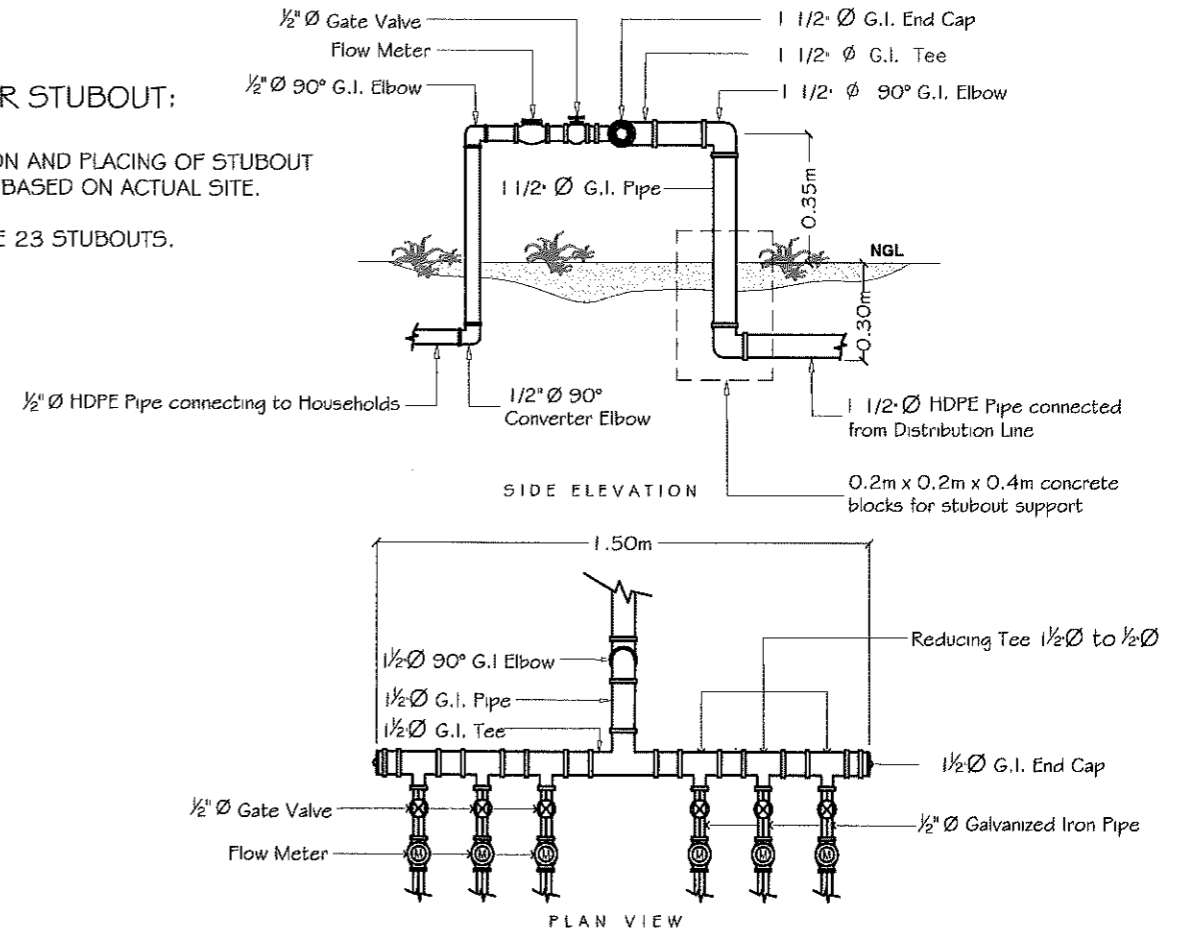
PROJECT BILLBOARDS (COA STANDARDS)
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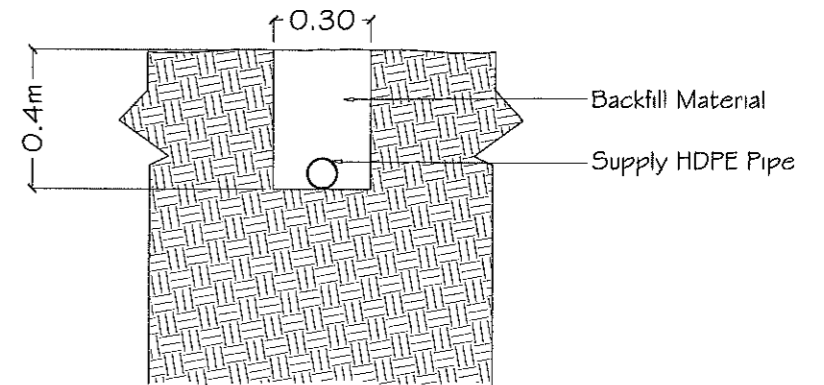
RESERVOIR ISOMETRIC VIEW
SCALE NTS

NOTES FOR STUBOUT:

- LOCATION AND PLACING OF STUBOUT WILL BE BASED ON ACTUAL SITE.
- PROVIDE 23 STUBOUTS.

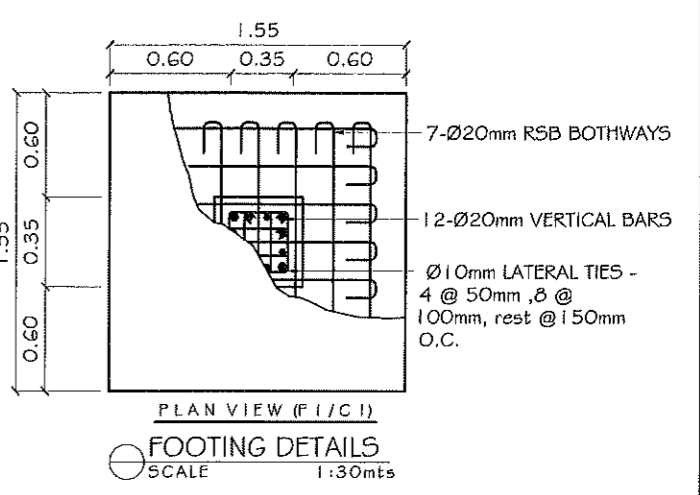
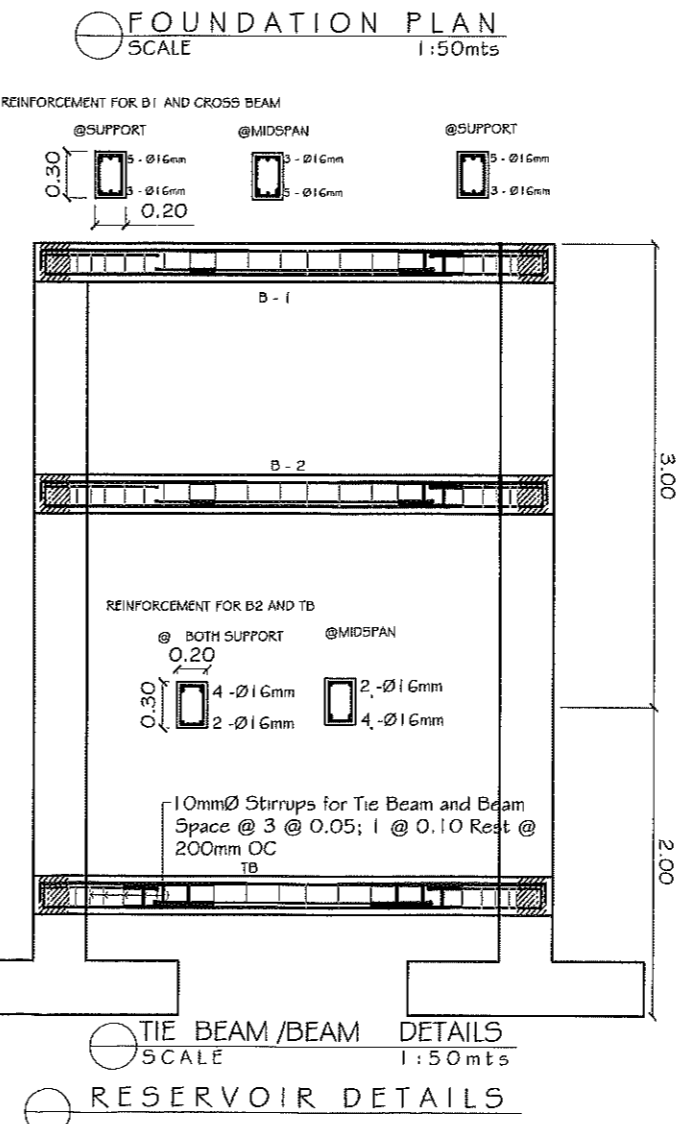
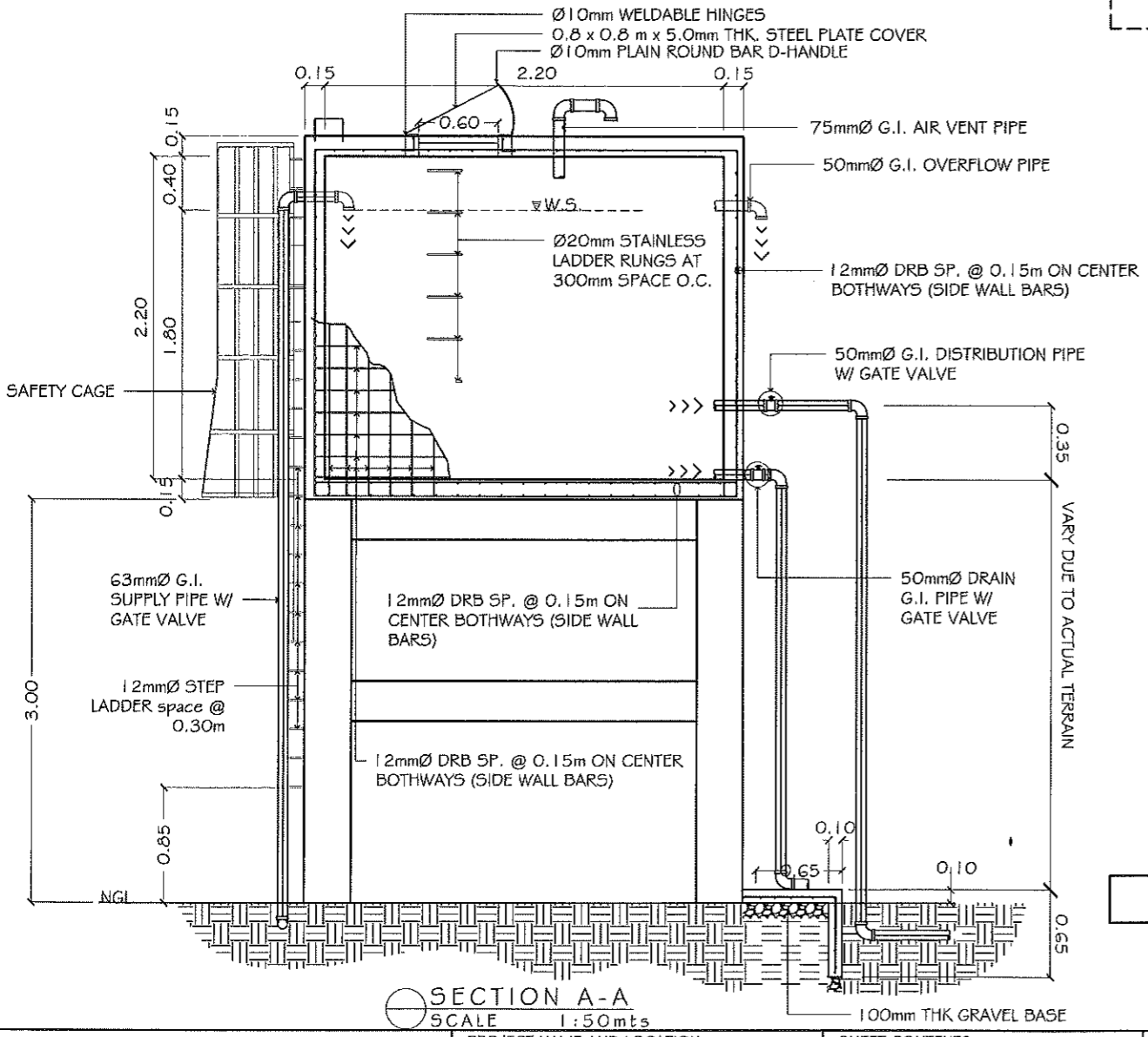
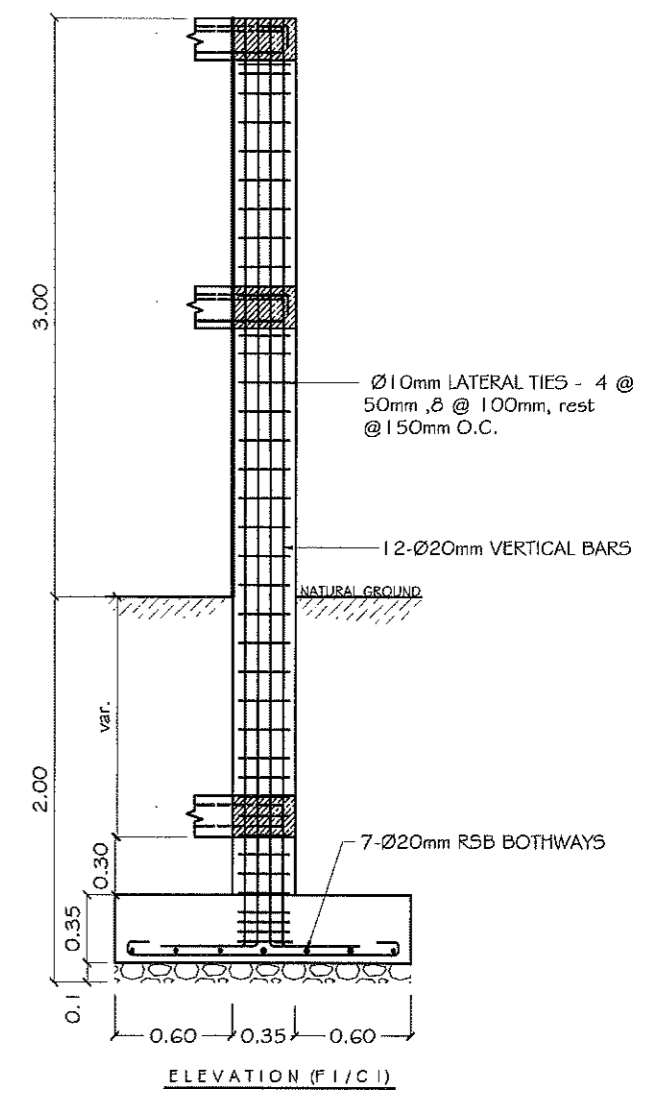
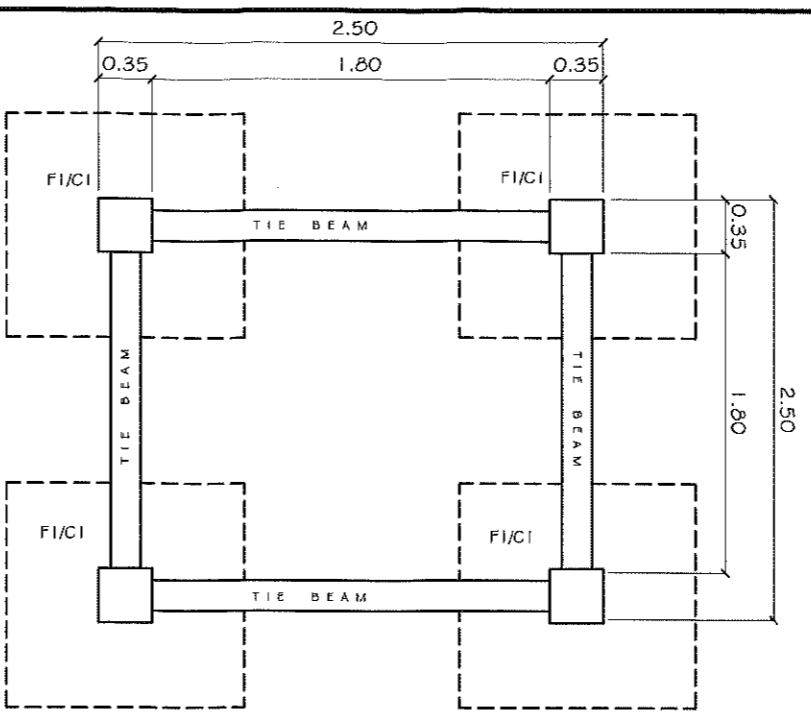
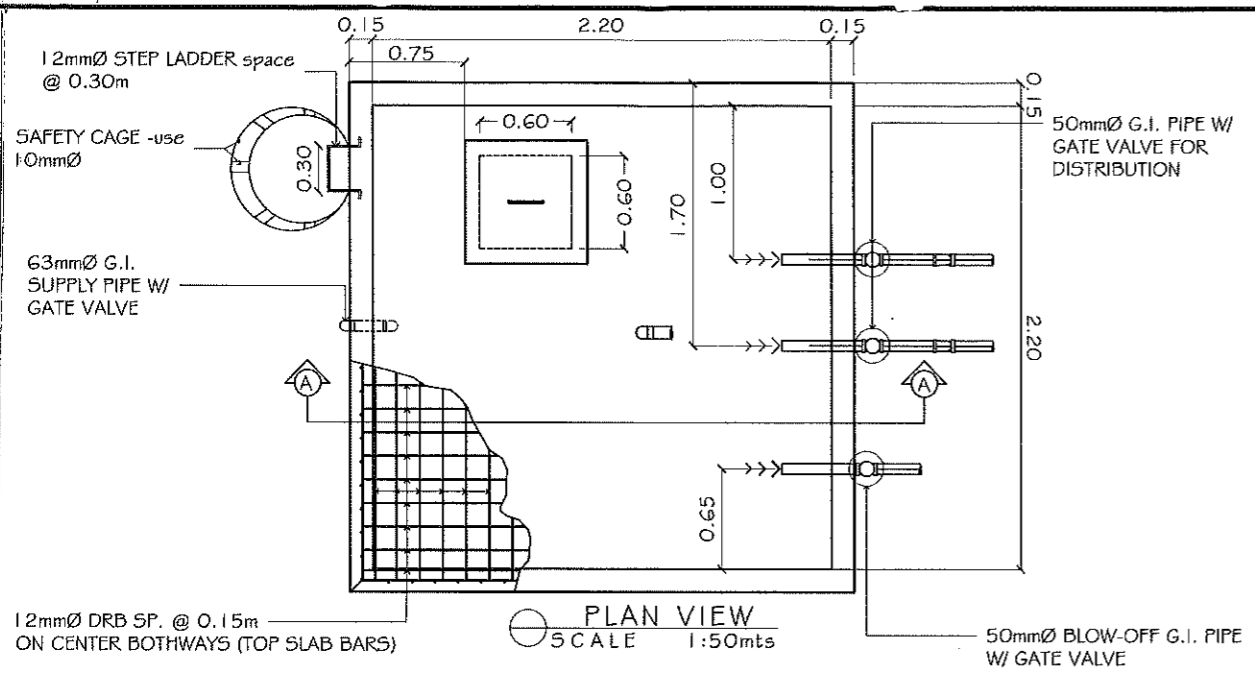


STUBOUT DETAILS
SCALE NTS

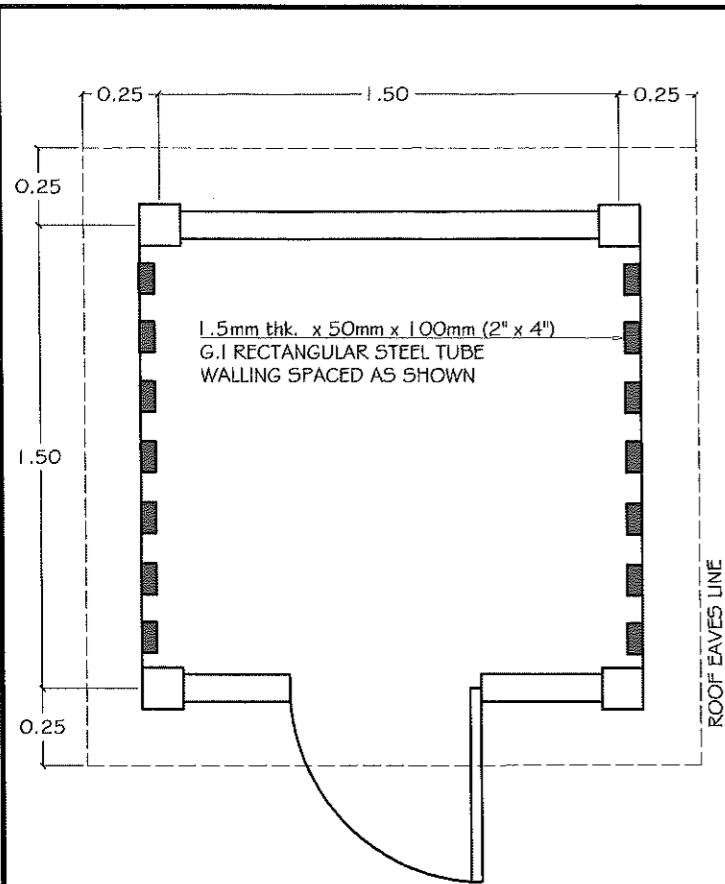


DETAIL OF PIPE LAYING
SCALE NTS

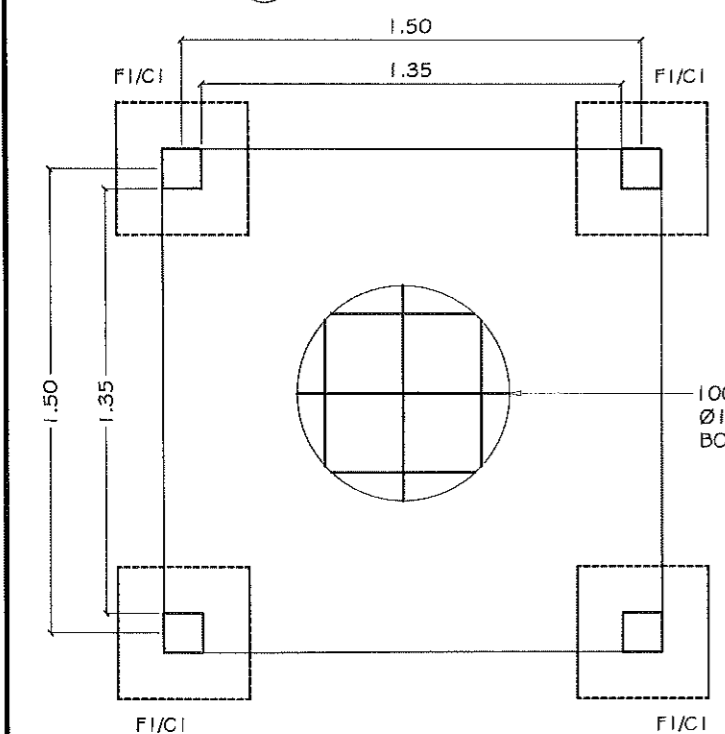
	Republic of the Philippines PROVINCIAL CAPITOL OF DAVAO DEL SUR Mati, Digos City, Davao del Sur	PROJECT NAME AND LOCATION : CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM, NEW VISAYAS, MATANAO, DAVAO DEL SUR	SHEET CONTENTS : RESERVOIR ISOMETRIC VIEW STUBOUT DETAILS DETAIL OF PIPE LAYING	PREPARED BY: ENGR. MARINEL A. SEDON PLANNING OFFICER II DATE SIGNED: 5/31/2023	CHECKED BY: ENGR. GINA O. CHUA PROJECT DEVELOPMENT OFFICER III DATE SIGNED: 6/5/2023	RECOMMENDING APPROVAL : IMELDA P. REBUYON, EnP, MDM PGDH-PLANNING AND DEVELOPMENT DATE SIGNED: 6/5/2023	APPROVED BY : YVONNE RONA ZAGAS PROVINCIAL GOVERNOR DATE SIGNED:	SHEET NO. 4 9



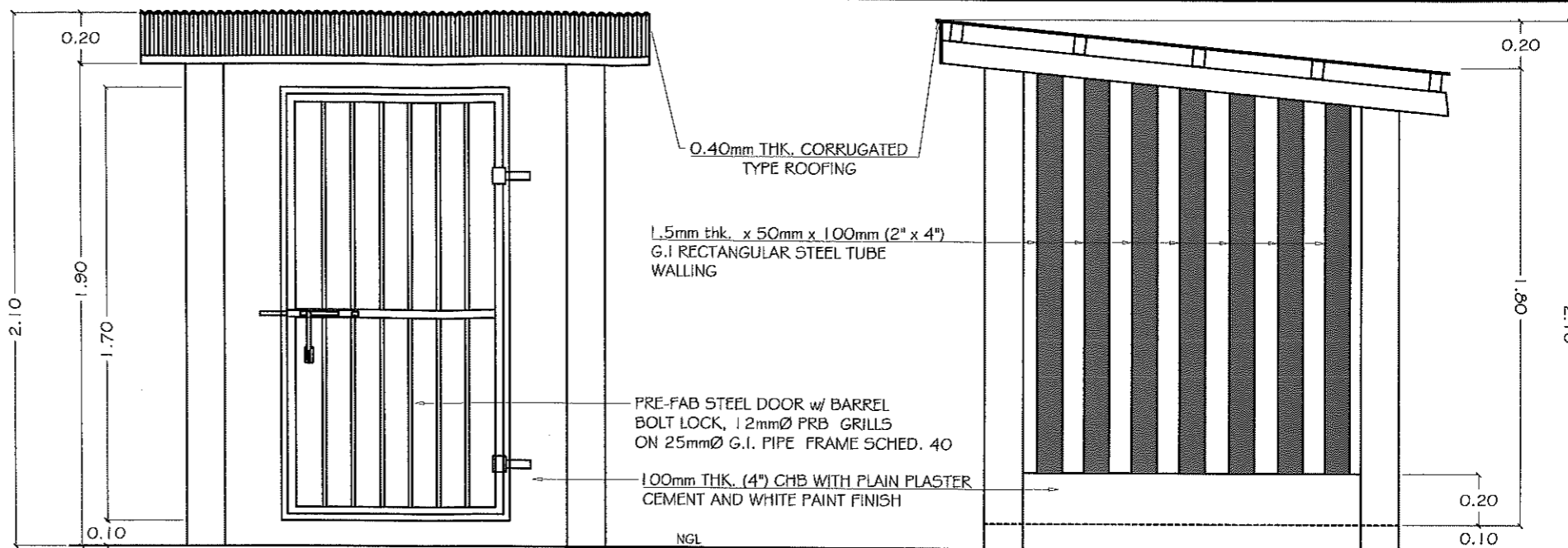
	Republic of the Philippines PROVINCIAL CAPITOL OF DAVAO DEL SUR Mati, Digos City, Davao del Sur	PROJECT NAME AND LOCATION : CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM, NEW VISAYAS, MATANAO, DAVAO DEL SUR	SHEET CONTENTS : RESERVOIR DETAILS	PREPARED BY: ENGR. MARINEL A. SEDON PLANNING OFFICER II DATE SIGNED: 5/31/2023	CHECKED BY: ENGR. GINA O. CHUA PROJECT DEVELOPMENT OFFICER III DATE SIGNED: 6/5/2023	RECOMMENDING APPROVAL : IMELDA P. REBUYON, EnP, MDM PGDH-PLANNING AND DEVELOPMENT DATE SIGNED: 6/5/2023	APPROVED BY: YVONNE RONA ZAGAS PROVINCIAL GOVERNOR DATE SIGNED:	SHEET NO. 69
	PROVINCE OF DAVAO DEL SUR							



PLAN VIEW
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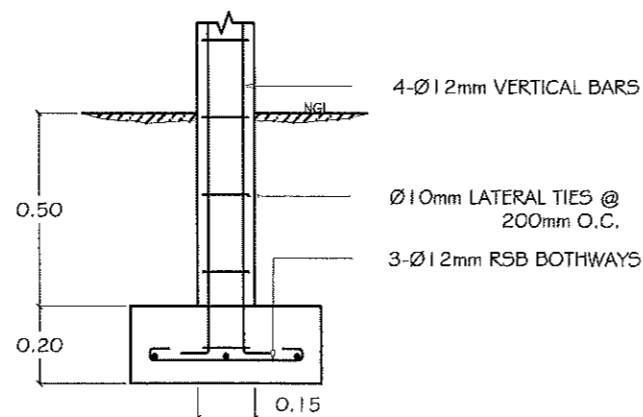


FOUNDATION PLAN
SCALE 1:25 mts

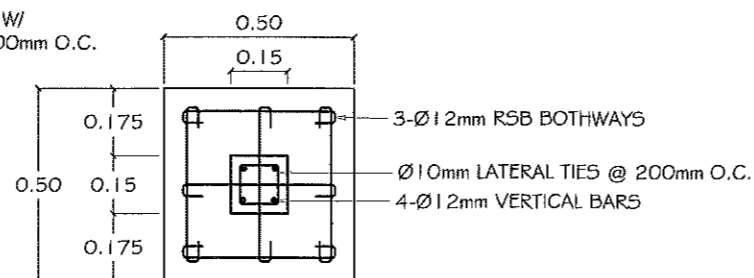


FRONT ELEVATION
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TYPICAL SIDE ELEVATION
SCALE 1:25 mts

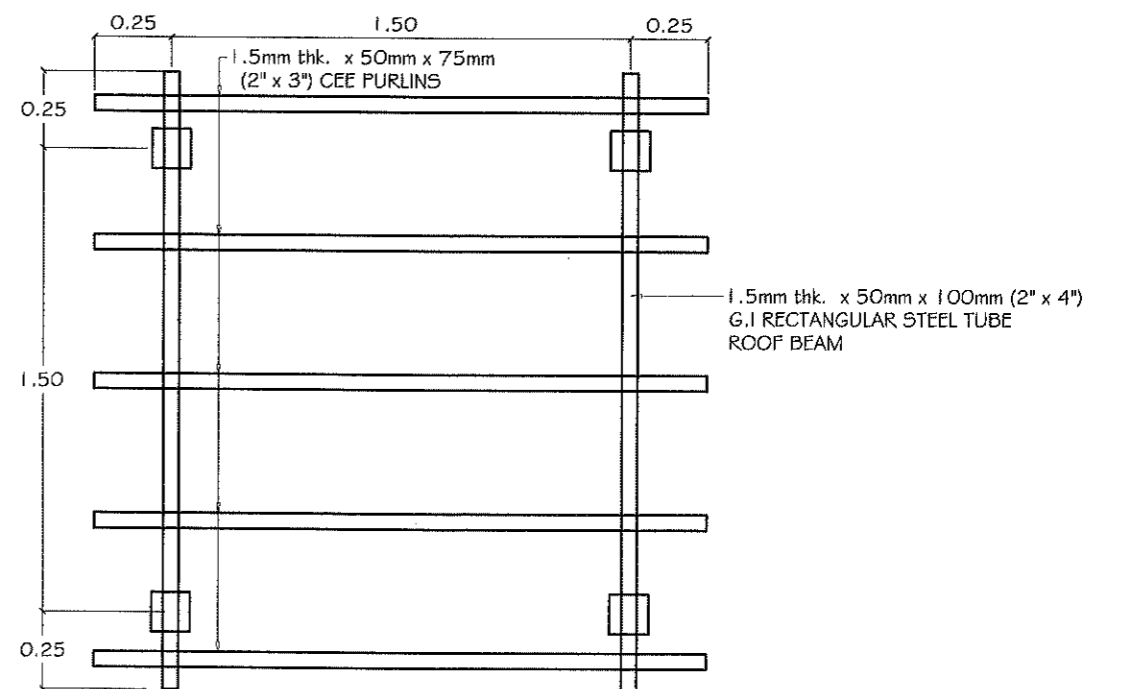


ELEVATION (F1/C1)

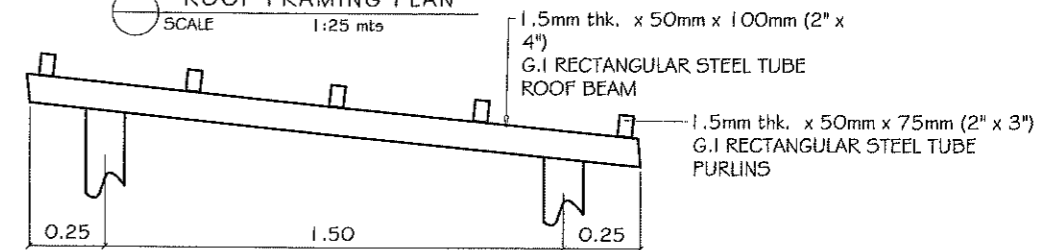


PLAN VIEW (F1/C1)

DETAILS OF FOOTING
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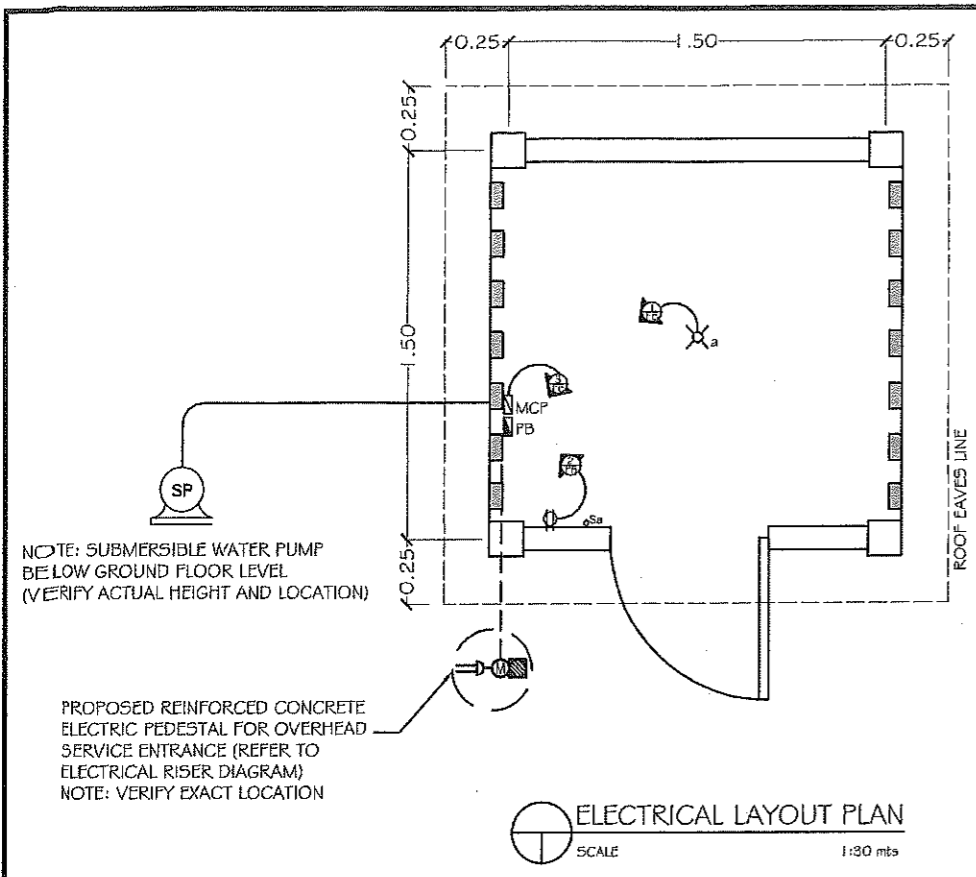
ROOF FRAMING PLAN
SCALE 1:25 mts



ROOF SIDE ELEVATION
SCALE 1:25 mts

DETAILS OF PUMP HOUSE

	Republic of the Philippines PROVINCIAL CAPITOL OF DAVAO DEL SUR Mati, Digos City, Davao del Sur	PROJECT NAME AND LOCATION : CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM, NEW VISAYAS, MATANAO, DAVAO DEL SUR	SHEET CONTENTS : DETAILS OF PUMP HOUSE	PREPARED BY: ENGR. MARCEL A. SEDON PLANNING OFFICER II DATE SIGNED: 5/31/2023	CHECKED BY: ENGR. GINA O. CHUA PROJECT DEVELOPMENT OFFICER III DATE SIGNED: 4/5/2023	RECOMMENDING APPROVAL : IMELDA P. REBUYON, EnP, MDM PGDH-PLANNING AND DEVELOPMENT DATE SIGNED: 6/5/2023	APPROVED BY : YVONNE RONA TAGAS PROVINCIAL GOVERNOR DATE SIGNED:	SHEET NO. 7/9
	Republic of the Philippines PROVINCIAL CAPITOL OF DAVAO DEL SUR Mati, Digos City, Davao del Sur							



LEGEND:

SYMBOL	DESCRIPTION
	SERVICE ENTRANCE
	1-18 WATTS LED W/ MEDIUM BASE, KEYLESS TYPE PORCELAIN RECEPTACLE
	SUBMERSIBLE WATER PUMP MOTOR
	ONE-GANG SWITCH TWO-GANG SWITCH
	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE
	PANEL BOARD
	MOTOR CONTROL PANEL BOARD
	CIRCUIT HOMERUN
	KILOWATT-HOUR METER
	CONCEALED OR EMBEDDED CONDUIT RUN UNDERGROUND OR UNDERFLOOR CONDUIT RUN
	AIR CIRCUIT BREAKER (RATING INDICATED)
	GROUNDING SYSTEM

NOTE:
HORSEPOWER LOAD FOR SUBMERSIBLE WATER PUMP IS MAXIMALLY DESIGNED.
THE ACTUAL RESULT IN THE PUMP TEST FOR THE REQUIRED HORSEPOWER FOR SUBMERSIBLE WATER PUMP MUST BE IMPLEMENTED.

- GENERAL NOTES:**
- ALL ELECTRICAL WORKS INCLUDED HEREIN SHALL BE EXECUTED IN ACCORDANCE WITH THE PROVISION OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE RULES AND REGULATIONS OF THE LOCALTY, THE REQUIREMENTS OF THE POWER UTILITY COMPANY.
 - ALL ELECTRICAL WORKS AND INSTALLATIONS SHALL BE DONE OR LAID UNDER CLOSE AND DIRECT SUPERVISION OF A DULY LICENSED PROFESSIONAL/REGISTERED ELECTRICAL ENGINEER OR A MASTER ELECTRICIAN.
 - POWER SERVICE ENTRANCE SHALL BE SINGLE-PHASE, 2-WIRE + GROUND, 230V, 60Hz SYSTEM.
 - ALL MATERIALS TO BE USED SHALL BE NEW AND OF APPROVED TYPE APPROPRIATE FOR BOTH LOCATION AND INTENDED USE.
 - ELECTRICAL TRADE SIZE SHALL BE USED, A MINIMUM OF 15mmØ FOR CONDUITS AND IN NO CASE SHALL THERE BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS IN ANY ONE RUN.
 - WHENEVER NECESSARY, PULL BOX OF PROPER SIZES AND DIMENSIONS SHALL BE PROVIDED ALTHOUGH NOT INDICATED IN THE PLAN.
 - LIGHT CONTROLLED SWITCHES SHALL BE RATED AT 15 AMPS, 230VAC AND CONVENIENCE OUTLETS SHALL BE OF GROUNDING TYPE THREE-WIRE, 230V. SWITCHES SHALL BE INSTALLED FOR OPERATION WITH VERTICAL MOTION. VOLTAGE LABELS SHALL BE MARKED ON ALL CONVENIENCE OUTLET COVER.
 - ALL FEEDERS AND BRANCH CIRCUITS SHALL BE INSTALLED AS INDICATED ON PLANS, INDIVIDUAL BRANCH CIRCUIT HOMERUNS SHALL NOT BE COMBINED IN THE SAME RACEWAY UNLESS SO INDICATED.
 - ROUTING OF CONDUIT SHOWN ON DRAWING ARE APPROXIMATE ONLY. CONTRACTOR SHALL ALLOW NECESSARY FIELD ADJUSTMENTS TO SUIT ACTUAL CONDITIONS AT SITE.
 - MOUNTING HEIGHT NOT SHOWN ON THE SCHEDULE ARE AS FOLLOWS:
 PANEL BOARDS ----- 1.50M ABOVE FINISHED FLOOR TO CENTER OF PANEL
 WALL SWITCHES ----- 1.20M ABOVE FINISHED FLOOR TO CENTER OF DEVICE
 CONVENIENCE OUTLETS ----- 0.30M ABOVE FINISHED FLOOR TO CENTER OF DEVICE
 ----- 0.15M ABOVE WORKING COUNTER TO CENTER OF DEVICE
 - THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF CONCRETE TERMINAL POLE FOR CONNECTION TO THE POWER SUPPLY.

LOAD SCHEDULE

CIRCUIT NO.	DESCRIPTION	QUANTITY	VOLTS	WATTS	AMPS	AMPS	CONDUCTOR SIZE	CONDUIT SIZE
C1	LIGHTING LOAD	1	230	100	0.43	15 A	2- 3.5 mm ² THW Stranded Copper Wire	20 mm dia. uPVC Pipe
C2	CONVENIENCE OUTLET	1	230	180	0.78	20 A	2- 3.5 mm ² THW Stranded Copper Wire	20 mm dia. uPVC Pipe
C3	SUB- PUMP 2HP	1	230	2860	17	40 A	2- 8.0 mm ² THW Stranded Copper Wire	25 mm dia. uPVC Pipe
	MAIN		230	3140	18.22	60 A	2- 14.0 mm ² THW Stranded Copper Wire	20 mm dia. RSC Pipe

COMPUTATIONS:

$I_L = \frac{3,140 \text{ WATTS (100\% D.F.)}}{230 \text{ VOLTS}}$
 $= 13.65 \text{ AMPERES}$

TRANSFORMER REQUIREMENTS:
 $kVA = \frac{13.65 \text{ AMPERES (230V)}}{1000}$
 $= 3.2$

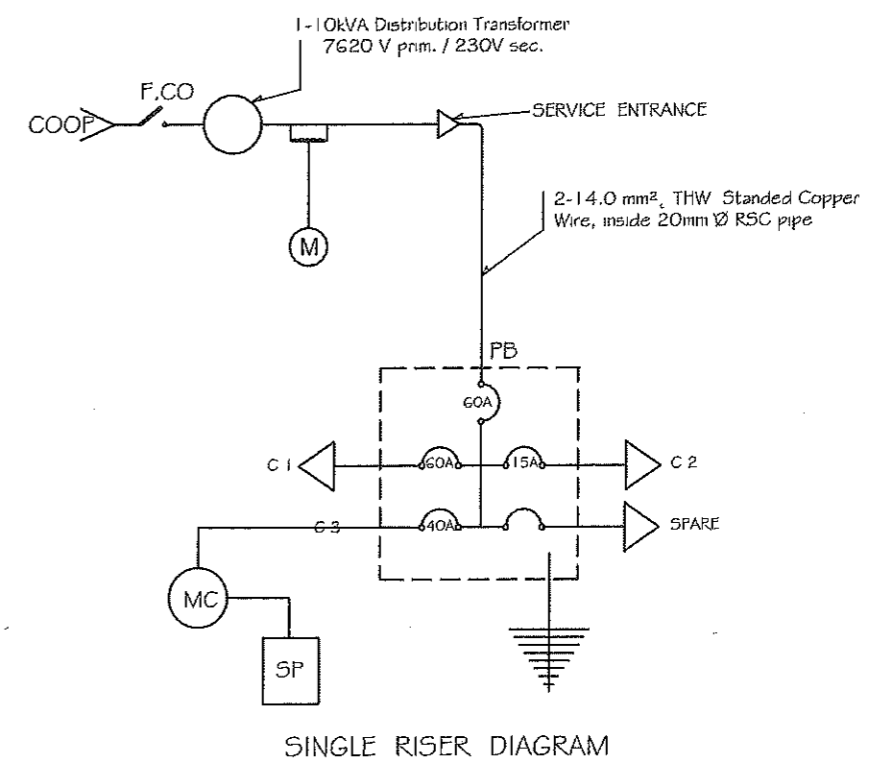
USE:
 1- 10kVA Distribution Transformer
 7620 V prim. / 230V sec.

USE:
 1- 60A, 2P,CB AS MAIN
 2- 14.0 mm² THW Stranded Copper Wire inside 20mm Ø Rigid Steel Conduit Pipe for Service Entrance

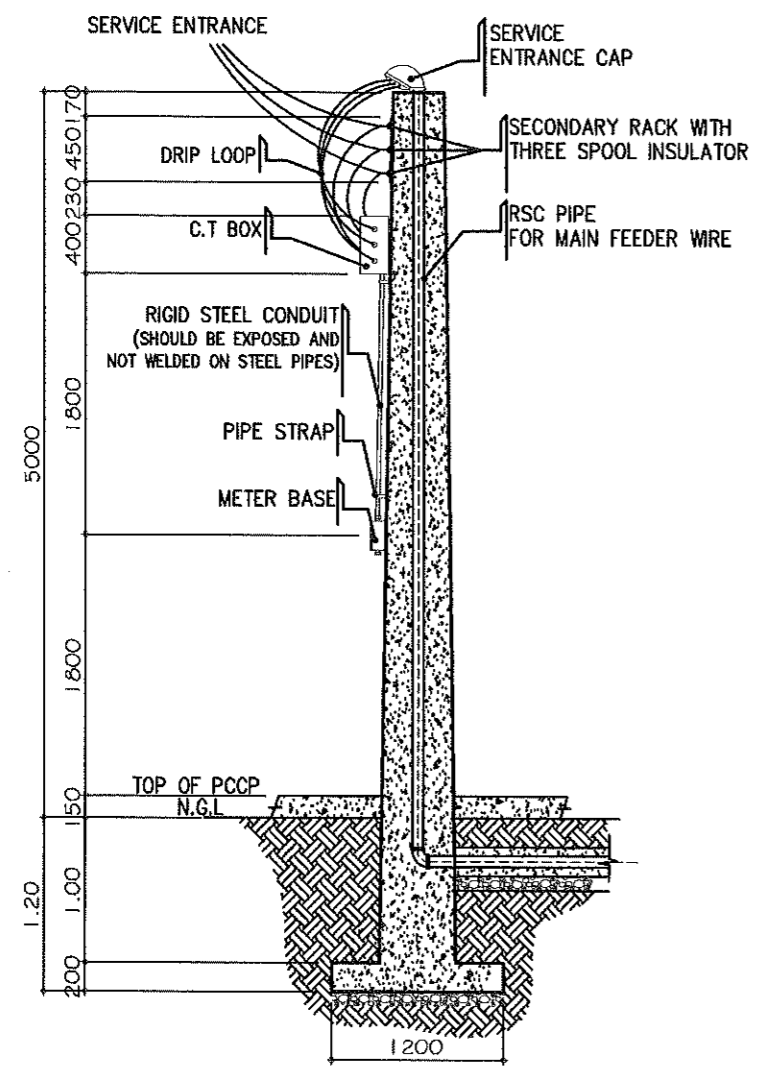
SPECIFICATION:

SINGLE PHASE 230 VOLTS, 60HZ
 POWER SUPPLY :
 SERVICE ENTRANCE :
 CONDUCTOR SIZE : 14.0 THW STRANDED COPPER WIRE
 CONDUIT SIZE : 25 MM DIA, RSC PIPE
 MAIN DISCONNECT : SEE RISER DIAGRAM

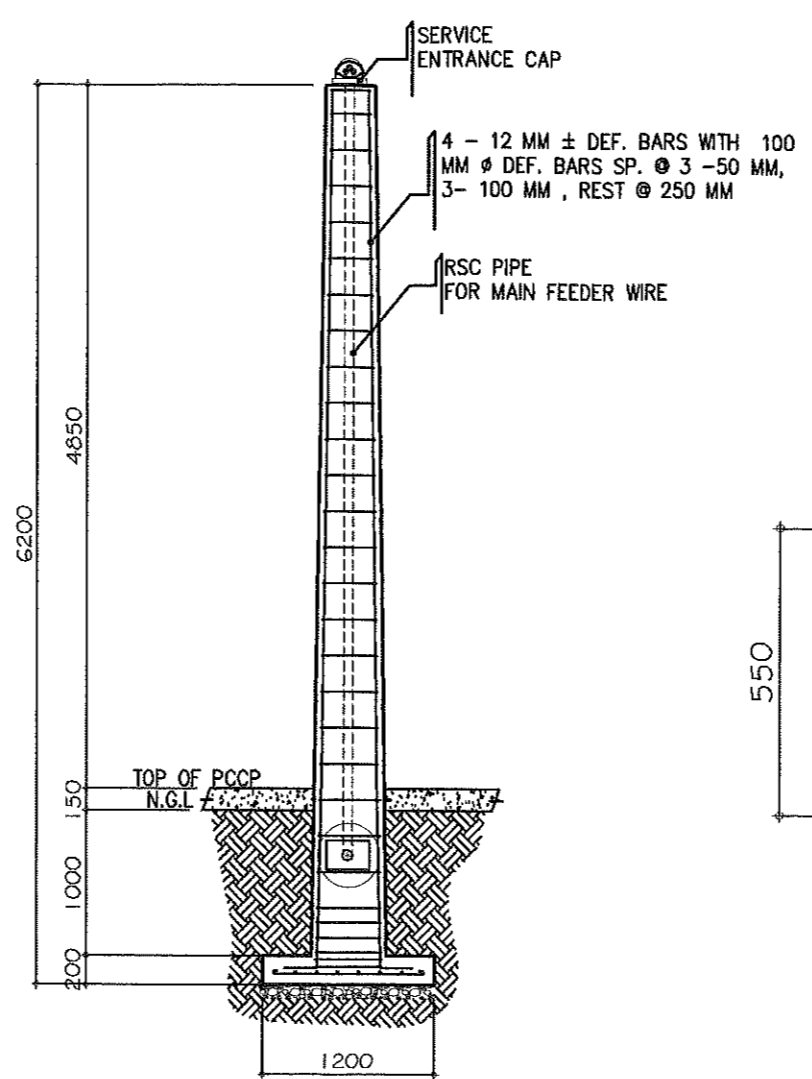
BRANCH CIRCUIT :
 CONDUCTOR SIZE, CONDUIT SIZE AND BREAKERS RATING SHALL BE AS INDICATED IN THE SCHEDULE OF LOADS AND / OR RISER DIAGRAM



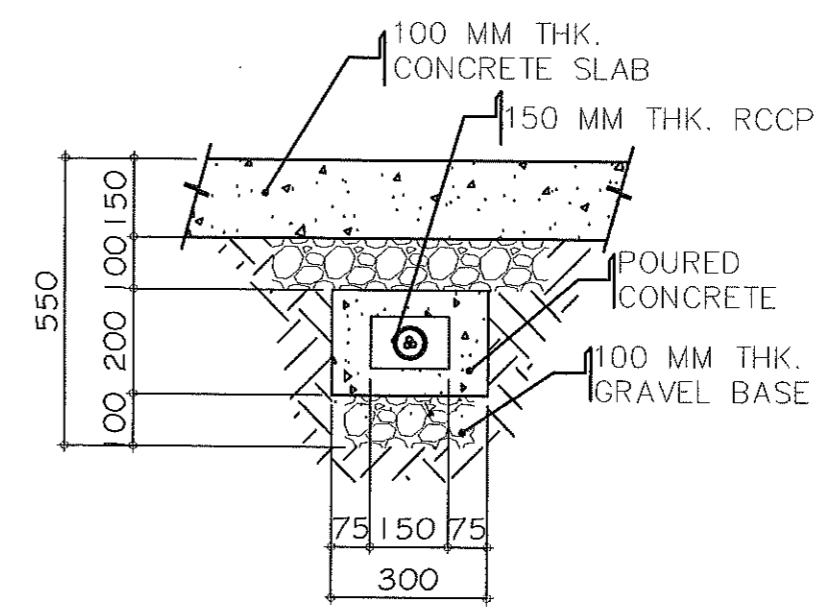
 Republic of the Philippines PROVINCIAL CAPITOL OF DAVAO DEL SUR Mati, Digos City, Davao del Sur	PROJECT NAME AND LOCATION :	SHEET CONTENTS :	PREPARED BY:	CHECKED BY:	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET NO.
	CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM, NEW VISAYAS, MATANAO, DAVAO DEL SUR	ELECTRICAL LAYOUT PLAN SCALE SINGLE RISER DIAGRAM	ENGR. MARINEL A. SEDON PLANNING OFFICER II DATE SIGNED: 5/31/2023	ENGR. GINA O. CHUA PROJECT DEVELOPMENT OFFICER III DATE SIGNED: 6/5/2023	IMELDA F. REBUYON, EnP, MDM PGDH-PLANNING AND DEVELOPMENT DATE SIGNED: 6/5/2023	YVONNE RONA TAGAS PROVINCIAL GOVERNOR	89



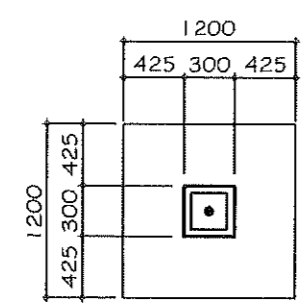
SECTION



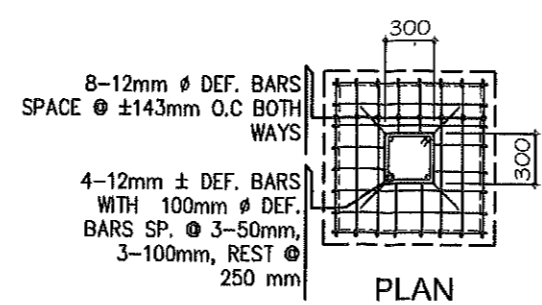
SECTION



ENCASEMENT DETAIL
SCALE NTS




PLAN



PLAN

ELECTRICAL SERVICE ENTRANCE PEDESTAL DETAIL
SCALE NTS

 Republic of the Philippines PROVINCIAL CAPITOL OF DAVAO DEL SUR Mati, Digos City, Davao del Sur	PROJECT NAME AND LOCATION :	SHEET CONTENTS :	PREPARED BY:	CHECKED BY:	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET NO.
	CONSTRUCTION OF POTABLE WATER SUPPLY SYSTEM, NEW VISAYAS, MATANAO, DAVAO DEL SUR	ELECTRICAL SERVICE ENTRANCE PEDESTAL DETAIL	ENGR. MARVEL A. SEDON PLANNING OFFICER II DATE SIGNED: 5/31/2023	ENGR. GINA O. CHUA PROJECT DEVELOPMENT OFFICER III DATE SIGNED: 6/5/2023	IMELDA P. REBUYON, EnP, MDM FGDH-PLANNING AND DEVELOPMENT DATE SIGNED: 6/5/2023	YVONNE RONA TAGAS PROVINCIAL GOVERNOR DATE SIGNED:	9 9