

PHILIPPINE BIDDING DOCUMENTS
(As Harmonized with Development Partners)

Government of the Republic of the Philippines
Province of Albay
CITY OF TABACO

Procurement of Infrastructure Projects

**REHABILITATION OF VARIOUS
WATER SUPPLY SYSTEMS,
VARIOUS BARANGAYS, TABACO CITY**

Contract ID No. 007-01-2025-INFRA-PB

January 27, 2025

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

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

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

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

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

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

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

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

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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

GFI – Government Financial Institution.

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

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

GOP – Government of the Philippines.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

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

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid



Republic of the Philippines
Province of Albay
CITY GOVERNMENT OF TABACO
Tabaco City

Bids and Awards Committee

Invitation to Bid for
Rehabilitation of Various Water Supply Systems
Various Barangays, Tabaco City
Contract ID No. 007-01-2025-INFRA-PB

1. The **City Government of Tabaco**, through the **20% City Development Fund 2025**, intends to apply the sum of **Thirty-Seven Million Pesos (Php 37,000,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for the **Rehabilitation of Various Water Supply Systems, Various Barangays, Tabaco City under Contract ID No. 007-01-2025-INFRA-PB**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **City Government of Tabaco** now invites bids for the above Procurement Project. Completion of the Works is required **within 240 calendar days from receipt of Notice to Proceed**. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using non-discretionary “pass/fail” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from the **City Government of Tabaco** and inspect the Bidding Documents at the address given below from **9:00 A.M. to 4:00 PM**.
5. A complete set of Bidding Documents may be acquired by interested bidders on **January 27-February 17, 2025** from given address and website/s below **and upon payment of the applicable fee for the Bidding Documents**, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Twenty-Five Thousand Pesos (P25,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.
6. The **City Government of Tabaco** will hold a Pre-Bid Conference on **February 04, 2025, 9:30AM, BAC Conference Room, 2F Annex Bldg., Tabaco City Hall, Tabaco City**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below on or before **9:00AM, February 17, 2025**. Late bids shall not be accepted.
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.
9. Bid opening shall be on **February 17, 2025, 9:30AM** at the given address below. Bids will be opened in the presence of the bidders’ representatives who choose to attend the activity.

10. **Other Necessary Information:**

Minimum PCAB License Category: General Engineering

Project Size Range: Water Supply– Medium A

Minimum Manpower Requirements:

- | | |
|--|--|
| <ul style="list-style-type: none">• 1 Project Manager• 1 Project Engineer• 1 Materials Engineer I• 5 Construction Foreman | <ul style="list-style-type: none">• 4 Safety Officer• 5 First Aider• 9 Skilled Laborer• 28 Common Laborer |
|--|--|

Minimum Equipment Required:

- | | |
|---|---|
| <ul style="list-style-type: none">• 3 units Bar Cutter / Bender• 3 units Concrete Mixer, one bagger• 6 units Drilling Rig• 4 units Welding Machine, 300Amp• 4 units Surge & Bailer Equipment• 4 units Water Pump with Engine, high pressure velocity | <ul style="list-style-type: none">• 4 units Air Compressor, with Genset• 5 units Submersible Pump• 5 units Mudpump• 3 units Fusion Machine• Enough Hand Tools |
|---|---|

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

12. For further information, please refer to:
Atty. Jovito Bron Coderis, Jr.
BAC Chairman / City Legal Office
BAC Office / City Legal Office
2F Annex Bldg., Tabaco City Hall, Tabaco City
Email: [**bactabaco16@gmail.com**](mailto:bactabaco16@gmail.com)
Website: tabacocity.gov.ph

13. You may visit the following website:

For downloading of Bidding Documents: [**www.tabacocity.com.ph**](http://www.tabacocity.com.ph)

January 27, 2025

(Sgd.)
ATTY. JOVITO BRON CODERIS, JR.
BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, **City Government of Tabaco** invites Bids for the **Rehabilitation of Various Water Supply Systems, Various Barangays, Tabaco City under Contract ID No. 007-01-2025-INFRA-PB**.

The Procurement Project (referred to herein as “Project”) is for the construction of Works, as described in Section VI (Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for **2025** in the amount of **Thirty-Seven Million Pesos (Php 37,000,000.00)**.

2.2. The source of funding is:

LGUs, the Annual or Supplemental Budget, as approved by the Sanggunian

3. Bidding Requirements

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

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

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

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

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

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current

prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

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

- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated Goods

There is no restriction on the origin of Goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN.

7. Subcontracts

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

The Procuring Entity has prescribed that subcontracting is not allowed.

- 7.1. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents Comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must

be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

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

11. Documents Comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Alternative Bids

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

13. Bid Prices

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

14. Bid and Payment Currencies

- 14.1. Bid prices may be quoted in the local currency or trade able currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid

evaluation, Bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

14.2. Payment of the contract price shall be made in Philippine Pesos.

15. Bid Security

15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

15.2. The Bid and bid security shall be valid until **June 17, 2025**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. Sealing and Marking of Bids

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

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

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

17. Deadline for Submission of Bids

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

18. Opening and Preliminary Examination of Bids

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

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

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

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*" using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.

- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause			
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be construction/ improvement/ rehabilitation/ repair of water system .		
7.1	Subcontracting is not allowed.		
10.3	PCAB Registration Particular includes the following: Kind of Project and Size Range: Water Supply - Medium A		
10.4	The key personnel must meet the required minimum years of experience set below.		
	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>
	Project Manager	5	3
	Project Engineer	5	3
	Materials Engineer I	3	1
	Construction Foreman	3	1
	Safety Officer	40 hrs training	40 hrs training
	First Aider	-	-
	10.5	The minimum major equipment requirements are the following:	
Equipment		Capacity	Number of Units
Bar Cutter / Bender			3
Concrete Mixer		one bagger	3
Drilling Rig			6
Welding Machine		300Amp	4
Surge & Bailer Equipment			4
Water Pump with Engine		high pressure velocity	4
Air Compressor with Genset			4
Submersible Pump			5
Mudpump			5
Fusion Machine			3
Hand Tools			Enough
12	Alternative Bids shall not be accepted.		
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 Php 740,000.00 [2% of ABC] , draft/guarantee or irrevocable letter of credit; b. The amount of not less than Php 1,850,000.00 [5% of ABC] if bid security is in Surety Bond.		
16	Each Bidder shall submit one (1) original and two (2) copies of the first and second components of its bid. Should there be discrepancies, the original copy would prevail.		
19.2	Partial bids are not allowed.		
20	Other appropriate licenses and permits:		

	<i>a. Valid and Current Registration Certificate (SEC, DTI, or CDA, whichever is applicable), all pages</i> <i>b. Valid and Current Mayor's Permit</i> <i>c. Valid Tax Clearance for Bidding Purposes</i> <i>d. Valid PCAB License</i> <i>e. Latest Audited Financial Statements stamped received by the BIR or its duly authorized institution</i> <i>f. BIR Registration Certificate</i>
21	Additional contract documents relevant to the Project: A. Construction Safety and Health Program approved by the DOLE; B. Contractor's All Risk Insurance (CARI); C. Construction Schedule and S-curve / Bar Chart / PERT CPM Network Diagram and detailed computations of contract time. D. Manpower Utilization Schedule E. Narrative Description of Construction Procedures and Methods F. Equipment Utilization Schedule

Section IV. 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

- 4.1. The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.
- 4.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

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

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

5. Performance Security

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

- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

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

7. Warranty

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

8. Liability of the Contractor

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

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

9. Termination for Other Causes

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

10. Dayworks

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

11. Program of Work

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

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

12. Instructions, Inspections and Audits

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

13. Advance Payment

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

14. Progress Payments

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

15. Operating and Maintenance Manuals

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

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
2	No sectional completion.
4.1	Upon receipt of Notice to Proceed.
6	The site investigation reports are: <i>[list here the required site investigation reports.]</i>
7.2	Five (5) years.
10	No day works are applicable to the contract.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity’s Representative within <i>[insert number]</i> days of delivery of the Notice of Award.
11.2	The amount to be withheld for late submission of an updated Program of Work is <i>[insert amount]</i> .
13	The amount of the advance payment is <i>15% of the total contract price and schedule of payment</i>
14	Materials and equipment delivered on the site but not completely put in place shall not be included for payment.
15.1	The date by which “as built” drawings are required is after completion of the project.
15.2	The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required is <i>[amount in local currency]</i> .

Section VI. Specifications

Project Title: Rehabilitation of Various Water Supply Systems
Location: Various Barangays, Tabaco City
Contract ID No. 007-01-2025-INFRA-PB
Approved Budget for the Contract (ABC): Php 37,000,000.00
Duration: 240 Calendar Days

Item No.	Project Description	Approved Budget per Item (Php)
1	Rehabilitation of Bantayan Water Supply System, Brgy. Bantayan, Tabaco City	2,000,000.00
2	Rehabilitation of Buang Water Supply System, Brgy. Buang, Tabaco City	2,500,000.00
3	Rehabilitation of Buhian Water Supply System, Brgy. Buhian, Tabaco City	3,000,000.00
4	Rehabilitation of Oson Water Supply System, Brgy. Oson, Tabaco City	2,000,000.00
5	Rehabilitation of Pinagbobong Water Supply System, Brgy. Pinagbobong, Tabaco City	2,500,000.00
6	Rehabilitation of San Isidro Water Supply System, Brgy. San Isidro, Tabaco City	3,000,000.00
7	Rehabilitation of Tabiguian Water Supply System, Brgy. Tabiguian, Tabaco City	2,000,000.00
8	Rehabilitation of San Antonio Water Supply System, Brgy. San Antonio, Tabaco City	2,000,000.00
9	Rehabilitation of San Miguel Island Water Supply System, Brgys. Agñas, Sagurong, Rawis, Sitio Malictay, Brgy. Hacienda, San Miguel Island, Tabaco City	18,000,000.00

SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

All works to be undertaken shall be in accordance with the plans and working drawings. It includes the furnishing of all materials, labor and equipment with supervision necessary for the complete construction of the said project.

ITEMS OF WORK INCLUDED

A. WATER SYSTEM

1. Rehabilitation of Bantayan Water Supply System, Brgy. Bantayan, Tabaco City

PART A. EARTHWORKS

Clearing & Grubbing

- This item of works includes the cleaning and clearing of site before and after construction.

Structure Excavation (Common Soil)

- The contractor shall perform all excavation of every description and of whatever materials encountered to the depth shown on the drawing or as directed by the Architect or to the Resident Engineer. All excavated materials not required for fill or backfill shall be removed and wasted as directed by the Architect. It shall be done in accordance with the lines and grades as indicated in the plans. Bottoms of excavation shall be level, free from loose materials on required levels in undisturbed earth on compacted fill.

Gravel Fill

- This item shall consist of placing the specified thick gravel fill in accordance with the specification and in conformity with the line, grades and dimensions shown on the plans or established by the engineer.

Pipeline Trench Excavation

- This item shall consist of the necessary excavation for the Installation of Pipelines.

Fill and Backfill

- This item shall consist of sand bedding for pipelines as prescribed in the plan and backfilling of excavated materials.

PART B. PLAIN AND REINFORCED CONCRETE WORKS

Structural Concrete (Class A) 28 days

- All concrete surfaces including those indicated as cement plaster on drawings, in all interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.
- Immediately after the removal of forms, all projecting wires and bolts and other devices and for drying forms shall be cut off beneath the surface finishes. All hole voids and other defects shall be enlarged, roughened and required with a mortar of the same grade as that even surface similar concrete surfaces to the satisfaction of the engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm and shall thereafter be filled with a mortar of the same grade as that in the original surface.

Reinforcing Steel (Deformed, Grade 40)

- This item covers the supply of labor, materials and equipment necessary for the installation of reinforcing steel bars (Grade 40) of structures. (Please refer to plans).
- Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

Formworks and False Works

- This item of works includes the furnishing and installation of ¼" thk Marine plywood, 2"x3" coco lumber, tie wire and assorted nails.
- Construction of forms-construction from sufficiently tight to prevent leakage, securely brace and shore forms to prevent displacement and to safely support construction loads. Forms shall not be removed until concrete is set.

PART C. FINISHING AND OTHER CIVIL WORKS

Waterproofing

- This item shall consist of furnishing all waterproofing materials, labor, tools, equipment and other facilities in undertaking the proper installation works required as shown on the Plans and in accordance with this Specification. Cement-base waterproofing powder mix shall be cement-base, aggregate type, heavy duty, water-proof coating for reinforced concrete surface and masonry exposed to water.

PART D. INSTALLATION OF PIPELINE

Polyethylene (PE) Plastic Pipe

- This item shall consist the installation of the P.E. Pipes with the use of butt fusion machine and necessary coupling. Manual installation of pipes is discouraged to ensure quality of connections.

PART E. PLUMBING WORKS

Plumbing Works

- Pipes and accessories shall be handled in such manner as to insure placement in the trench in sound, undamaged condition. Cutting shall be done when necessary and in neat workmanlike manner.
- Pipe shall be laid upgraded true to lines and grades as shown in the drawings or as directed by the Architect with grooves upgrade unless otherwise permitted by the Architect. The pipe sections shall be laid and fitted to form a smooth and uniform invert when completed. The full length of each section of the pipe shall be rest solidly on the pipe bed with recessed excavated to accommodate cement mortar joint.
- Water shall be kept out of the trench until cement mortar has the grade or joint disturbed after laying shall be taken out and re-laid.
- Any section of the pipe to be defective either before or after laying shall be replaced with new pipe without additional expenses to the owner.

PART F. OTHER GENERAL REQUIREMENTS

Provision of Bunkhouse (Rental Basis) and Other Facilities

- This item includes the construction of temporary facilities for the engineer and a temporary bunkhouse for rental basis including the power and water supply for the storage of the materials/equipment needed for the whole duration of the project.

Project Billboard/ Signboard

- Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

Occupational Construction Safety and Health

- The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

2. Rehabilitation of Buang Water Supply System, Brgy. Buang, Tabaco City

PART A. EARTHWORKS

Clearing and Grubbing

- This item of works includes the cleaning and clearing of site before and after construction.

Structure Excavation (Common Soil)

- The contractor shall perform all excavation of every description and of whatever materials encountered to the depth shown on the drawing or as directed by the Architect or to the Resident Engineer. All excavated materials not required for fill or backfill shall be removed and wasted as directed by the Architect. It shall be done in accordance with the lines and grades as indicated in the plans. Bottoms of excavation shall be level, free from loose materials on required levels in undisturbed earth on compacted fill.

Gravel Fill

- This item shall consist of placing the specified thick gravel fill in accordance with the specification and in conformity with the line, grades and dimensions shown on the plans or established by the engineer.

Pipeline Trench Excavation

- This item shall consist of the necessary excavation for the Installation of Pipelines.

Fill and Backfill

- This item shall consist of sand bedding for pipelines as prescribed in the plan and backfilling of excavated materials.

PART B. PLAIN AND REINFORCED CONCRETE WORKS

Structural Concrete (Class A) 28 days

- All concrete surfaces including those indicated as cement plaster on drawings, in all interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.
- Immediately after the removal of forms, all projecting wires and bolts and other devices and for drying forms shall be cut off beneath the surface finishes. All hole voids and other defects shall be enlarged, roughened and required with a mortar of the same grade as that even surface similar concrete surfaces to the satisfaction of the engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm and shall thereafter be filled with a mortar of the same grade as that in the original surface.

Reinforcing Steel (Deformed, Grade 40)

- This item covers the supply of labor, materials and equipment necessary for the installation of reinforcing steel bars (Grade 40) of structures. (Please refer to plans).
- Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

Formworks and False Works

- This item of works includes the furnishing and installation of ¼" thk Marine plywood, 2"x3" coco lumber, tie wire and assorted nails.
- Construction of forms-construction from sufficiently tight to prevent leakage, securely brace and shore forms to prevent displacement and to safely support construction loads. Forms shall not be removed until concrete is set.

PART C. FINISHING AND OTHER CIVIL WORKS

Waterproofing

- This item shall consist of furnishing all waterproofing materials, labor, tools, equipment and other facilities in undertaking the proper installation works required as shown on the Plans and in accordance with this Specification. Cement-base waterproofing powder mix shall be cement-base, aggregate type, heavy duty, water-proof coating for reinforced concrete surface and masonry exposed to water.

PART D. INSTALLATION OF PIPELINE

Polyethylene (PE) Plastic Pipe

- This item shall consist the installation of the P.E. Pipes with the use of butt fusion machine and necessary coupling. Manual installation of pipes is discouraged to ensure quality of connections.

PART E. PLUMBING WORKS

Plumbing Works

- Pipes and accessories shall be handled in such manner as to insure placement in the trench in sound, undamaged condition. Cutting shall be done when necessary and in neat workmanlike manner.
- Pipe shall be laid upgraded true to lines and grades as shown in the drawings or as directed by the Architect with grooves upgrade unless otherwise permitted by the Architect. The pipe sections shall be laid and fitted to form a smooth and uniform invert when completed. The full length of each section of the pipe shall be rest solidly on the pipe bed with recessed excavated to accommodate cement mortar joint.
- Water shall be kept out of the trench until cement mortar has the grade or joint disturbed after laying shall be taken out and re-laid.
- Any section of the pipe to be defective either before or after laying shall be replaced with new pipe without additional expenses to the owner.

PART F. OTHER GENERAL REQUIREMENTS

Provision of Bunkhouse (Rental Basis) and Other Facilities

- This item includes the construction of temporary facilities for the engineer and a temporary bunkhouse for rental basis including the power and water supply for the storage of the materials/equipment needed for the whole duration of the project

Project Billboard/ Signboard

- Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

Occupational Construction Safety and Health

- The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

3. Rehabilitation of Buhian Water Supply System, Brgy. Buhian, Tabaco City

Mobilization and Demobilization

- Demobilization shall include all activities and costs for transportation of personnel, equipment, and supplies not required or included in the contract from the site; including the disassembly, removal, and site clean-up, of offices, buildings and other facilities assembled on the site specifically for this contract.

I. Deep Well Exploration

A. Drilling of 152mm (6") dia pilot hole, including strata sampling for every meter of penetration and/ or less when change in formation occurs.

- Drilling of production well in all geologic possible environments to a minimum diameter of 6" and to an acceptable minimum depth of water column approved by the field supervisor. Average total depth of well is expected to be 72 m.

B. Reaming of 152 mm pilot hole to 300 mm diameter from ground level to final depth

- The borehole is drilled by rotating a bit, and cuttings are removed by continuous circulation of a drilling fluid as the bit penetrates the formation.

C. Supply & Installation of 152 mm dia. G.I. Pipe

- Installation of 152mm (6'') G.I. Pipe

D. Treatment with Polyphosphate Detergent

- Clean and disinfect the borehole with polyphosphate according to the calculated volume.

E. Well Development by Bailing & Surging

- Surging should start above the screen to reduce the possibility of "sand-locking" the surge block. Initial surging should be with a long stroke and at a slow rate (20 to 25 strokes per minute); after surging above the screen, the hole should be cleaned and surging started at the lower end of the screen - gradually working upward until the entire screen has been developed.

F. Well Development by Over pumping

- If the water level is within 3.05 to 4.57 m (10 to 15 ft) of ground surface, it is sometimes possible to use the mud pump as a suction pump to pump water from the well for 2 to 3 hours.

G. Well Development by Air Lifting

- Developing of borehole by airlifting for a minimum of 3 hours until a stabilized satisfactory yield is reached and the turbidity is less than 5 NTU.

H. Pumping Test

- The pumping test will consist of continuously pumping the borehole at the maximum discharge of 1,200 liters per hour for 4 hours followed by a 2-hour recovery test. The measurement of the dynamic water levels will be performed according to the logarithmic timescale schedule normally used for test pumping water boreholes.

I. Supply & Install Clay Backfill

- Installation of required inert backfill. For average well to specifications above the volume of inert backfill is 1 cubic meter.

J. Sealing with Cement Grout

- The grout is placed through the funnel & tremie in one continuous operation, beginning at the bottom of the zone being sealed. The bottom end of the grout pipe should be kept full of grout and remain submerged in grout during the operation. The grout pipe is gradually withdrawn as the grout fills the annular space. This is accomplished by disjuncting it in typically 10-foot sections.

K. Disinfection of Well

- Sterilize the borehole with a chlorine solution yielding at least 50 mg/l of active chlorine in all parts of the borehole. The chlorine solution may be prepared from calcium hypochlorite, sodium hypochlorite or gaseous chlorine. The chlorine solution should stay in the borehole for at least four hours at the specified concentration.

II. Construction of Overhead Tank and Panel Stand

Structure Excavation (Common Soil)

- The contractor shall perform all excavation of every description and of whatever materials encountered to the depth shown on the drawing or as directed by the Architect or to the Resident Engineer. All excavated materials not required for fill or backfill shall be removed and wasted as directed by the Architect. It shall be done in accordance with the lines and grades as indicated in the plans. Bottoms of excavation shall be level, free from loose materials on required levels in undisturbed earth on compacted fill.

Embankment (From Structural Excavation)

- The construction of embankment shall be in accordance with this Specifications and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. It shall be constructed of suitable materials for which is acceptable in accordance with the Contract and which can be compacted in the manner in this item. It can be common material rock.
- Embankments and backfills shall contain no muck, peat, sod, roots or other deleterious matter. Rocks broken concrete or other solid, bulky materials shall not be placed in embankment areas where piling is to be placed or driven.
- Where shown on the Plans or directed by the Engineer, the surface of the existing ground shall be compacted to a depth of 150mm. (6 inches) and to the specified requirements of this item.

Gravel Bedding

- This item shall consist of placing the specified thick gravel fill in accordance with the specification and in conformity with the line, grades and dimensions shown on the plans or established by the engineer.

Structural Concrete (Class A) 28 days

- All concrete surfaces including those indicated as cement plaster on drawings, in all interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.
- Immediately after the removal of forms, all projecting wires and bolts and other devices and for drying forms shall be cut off beneath the surface finishes. All hole voids and other defer shall be enlarged, roughened and required with a mortar of the same grade as that even surface similar concrete surfaces to the satisfaction of the engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm and shall thereafter be filled with a mortar of the same grade as that in the original surface.

Reinforcing Steel (Deformed, Grade 40)

- This item covers the supply of labor, materials and equipment necessary for the installation of reinforcing steel bars (Grade 40) of structures. (Please refer to plans).
- Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

Formworks and False Works

- This item of works includes the furnishing and installation of ¼" thk Marine plywood, 2"x3" coco lumber, tie wire and assorted nails.

- Construction of forms-construction from sufficiently tight to prevent leakage, securely brace and shore forms to prevent displacement and to safely support construction loads. Forms shall not be removed until concrete is set.

Waterproofing

- This item shall consist of furnishing all waterproofing materials, labor, tools, equipment and other facilities in undertaking the proper installation works required as shown on the Plans and in accordance with this Specification. Cement-base waterproofing powder mix shall be cement-base, aggregate type, heavy duty, water-proof coating for reinforced concrete surface and masonry exposed to water.

Painting Works

- The works covered by this section of the specification consist in the proper preparation of surface, furnishing of labor, material tools appliances, scaffolding and other necessary equipment and in the performing of all operations in connection with painting, varnishing and wall paper works, complete in accordance with the color scheme and specified therein.
- This section of the specification covers the complete painting and finishing of the wood surface, the painting of plasters, concrete, unfinished metal and other surfaces throughout the interior and exterior of the building.
- All paint materials shall meet the requirements of the specifications by the standardization committee on supplies and shall be delivered on the job in the original container, with labels intact and seal unbroken.
- Tinting colors for all paint shall be colors in oil, ground and pure in linseed oil and of the grade obtainable.
- Color pigments shall be used to produce the exact shades of paint, which shall conform of the approved color scheme of the building.
- Except as otherwise noted, color of the priming coat shall be lighter than the body coat and color of the body lighter than the finish coat. The first coat shall be white.
- Wood surfaces shall be thoroughly cleaned, smoothly had pressed and well sand papered before any paint or finish is applied.
- Before applying paint to concrete, cement plaster or other cement finishes, etc. This surface must be allowed to dry thoroughly.

III. Plumbing, Electrical Works and Other Miscellaneous Works

Installation of Submersible Pump and Electrical Works

- This covers the installation and supply of the Submersible Pump, Electrical Works and Other Plumbing works.

Provision of Bunkhouse (Rental Basis) and Other Facilities

- This item includes the construction of temporary facilities for the engineer and a temporary bunkhouse for rental basis including the power and water supply for the storage of the materials/equipment needed for the whole duration of the project

Occupational Construction Safety and Health

- The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

Project Billboard/ Signboard

- Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

4. Rehabilitation of Oson Water Supply System, Brgy. Oson, Tabaco City

PART A. EARTHWORKS

Clearing and Grubbing

- This item of works includes the cleaning and clearing of site before and after construction.

Structure Excavation (Common Soil)

- The contractor shall perform all excavation of every description and of whatever materials encountered to the depth shown on the drawing or as directed by the Architect or to the Resident Engineer. All excavated materials not required for fill or backfill shall be removed and wasted as directed by the Architect. It shall be done in accordance with the lines and grades as indicated in the plans. Bottoms of excavation shall be level, free from loose materials on required levels in undisturbed earth on compacted fill.

Gravel Fill

- This item shall consist of placing the specified thick gravel fill in accordance with the specification and in conformity with the line, grades and dimensions shown on the plans or established by the engineer.

Pipeline Trench Excavation

- This item shall consist of the necessary excavation for the Installation of Pipelines.

Fill and Backfill

- This item shall consist of sand bedding for pipelines as prescribed in the plan and backfilling

PART B. PLAIN AND REINFORCED CONCRETE WORKS

Structural Concrete (Class A) 28 days

- All concrete surfaces including those indicated as cement plaster on drawings, in all interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.
- Immediately after the removal of forms, all projecting wires and bolts and other devices and for drying forms shall be cut off beneath the surface finishes. All hole voids and other defects shall be enlarged, roughened and required with a mortar of the same grade as that even surface similar concrete surfaces to the satisfaction of the engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm and shall thereafter be filled with a mortar of the same grade as that in the original surface.

Reinforcing Steel (Deformed, Grade 40)

- This item covers the supply of labor, materials and equipment necessary for the installation of reinforcing steel bars (Grade 40) of structures. (Please refer to plans).
- Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

Formworks and False Works

- This item of works includes the furnishing and installation of ¼” thk Marine plywood, 2”x3” coco lumber, tie wire and assorted nails.
- Construction of forms-construction from sufficiently tight to prevent leakage, securely brace and shore forms to prevent displacement and to safely support construction loads. Forms shall not be removed until concrete is set.

PART C. FINISHING AND OTHER CIVIL WORKS

Waterproofing

- This item shall consist of furnishing all waterproofing materials, labor, tools, equipment and other facilities in undertaking the proper installation works required as shown on the Plans and in accordance with this Specification. Cement-base waterproofing powder mix shall be cement-base, aggregate type, heavy duty, water-proof coating for reinforced concrete surface and masonry exposed to water.

PART D. INSTALLATION OF PIPELINE

Polyethylene (PE) Plastic Pipe

- This item shall consist the installation of the P.E. Pipes with the use of butt fusion machine and necessary coupling. Manual installation of pipes is discouraged to ensure quality of connections.

PART E. PLUMBING WORKS

Plumbing Works

- Pipes and accessories shall be handled in such manner as to insure placement in the trench in sound, undamaged condition. Cutting shall be done when necessary and in neat workmanlike manner.
- Pipe shall be laid upgraded true to lines and grades as shown in the drawings or as directed by the Architect with grooves upgrade unless otherwise permitted by the Architect. The pipe sections shall be laid and fitted to form a smooth and uniform invert when completed. The full length of each section of the pipe shall be rest solidly on the pipe bed with recessed excavated to accommodate cement mortar joint.
- Any section of the pipe to be defective either before or after laying shall be replaced with new pipe without additional expenses to the owner.

PART F. OTHER GENERAL REQUIREMENTS

Provision of Bunkhouse (Rental Basis) and Other Facilities

- This item includes the construction of temporary facilities for the engineer and a temporary bunkhouse for rental basis including the power and water supply for the storage of the materials/equipment needed for the whole duration of the project

Project Billboard/ Signboard

- Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

Occupational Construction Safety and Health

- The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

5. Rehabilitation of Pinagbobong Water Supply System, Brgy. Pinagbobong, Tabaco City

PART A. EARTHWORKS

Clearing and Grubbing

- This item of works includes the cleaning and clearing of site before and after construction.

Structure Excavation (Common Soil)

- The contractor shall perform all excavation of every description and of whatever materials encountered to the depth shown on the drawing or as directed by the Architect or to the Resident Engineer. All excavated materials not required for fill or backfill shall be removed and wasted as directed by the Architect. It shall be done in accordance with the lines and grades as indicated in the plans. Bottoms of excavation shall be level, free from loose materials on required levels in undisturbed earth on compacted fill.

Gravel Fill

- This item shall consist of placing the specified thick gravel fill in accordance with the specification and in conformity with the line, grades and dimensions shown on the plans or established by the engineer.

Pipeline Trench Excavation

- This item shall consist of the necessary excavation for the Installation of Pipelines.

Fill and Backfill

- This item shall consist of sand bedding for pipelines as prescribed in the plan and backfilling of excavated materials.

PART B. PLAIN AND REINFORCED CONCRETE WORKS

Structural Concrete (Class A) 28 days

- All concrete surfaces including those indicated as cement plaster on drawings, in all interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.
- Immediately after the removal of forms, all projecting wires and bolts and other devices and for drying forms shall be cut off beneath the surface finishes. All hole voids and other defects shall be enlarged, roughened and required with a mortar of the same grade as that even surface similar concrete surfaces to the satisfaction of the engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm and shall thereafter be filled with a mortar of the same grade as that in the original surface.

Reinforcing Steel (Deformed, Grade 40)

- This item covers the supply of labor, materials and equipment necessary for the installation of reinforcing steel bars (Grade 40) of structures. (Please refer to plans).
- Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

Formworks and False Works

- This item of works includes the furnishing and installation of ¼" thk Marine plywood, 2"x3" coco lumber, tie wire and assorted nails.

- Construction of forms-construction from sufficiently tight to prevent leakage, securely brace and shore forms to prevent displacement and to safely support construction loads. Forms shall not be removed until concrete is set.

PART C. FINISHING AND OTHER CIVIL WORKS

Waterproofing

- This item shall consist of furnishing all waterproofing materials, labor, tools, equipment and other facilities in undertaking the proper installation works required as shown on the Plans and in accordance with this Specification. Cement-base waterproofing powder mix shall be cement-base, aggregate type, heavy duty, water-proof coating for reinforced concrete surface and masonry exposed to water.

PART D. INSTALLATION OF PIPELINE

Polyethylene (PE) Plastic Pipe

- This item shall consist the installation of the P.E. Pipes with the use of butt fusion machine and necessary coupling. Manual installation of pipes is discouraged to ensure quality of connections.

PART E. PLUMBING WORKS

Plumbing Works

- Pipes and accessories shall be handled in such manner as to insure placement in the trench in sound, undamaged condition. Cutting shall be done when necessary and in neat workmanlike manner.
- Pipe shall be laid upgraded true to lines and grades as shown in the drawings or as directed by the Architect with grooves upgrade unless otherwise permitted by the Architect. The pipe sections shall be laid and fitted to form a smooth and uniform invert when completed. The full length of each section of the pipe shall be rest solidly on the pipe bed with recessed excavated to accommodate cement mortar joint.
- Water shall be kept out of the trench until cement mortar has the grade or joint disturbed after laying shall be taken out and re-laid.
- Any section of the pipe to be defective either before or after laying shall be replaced with new pipe without additional expenses to the owner.

PART F. OTHER GENERAL REQUIREMENTS

Provision of Bunkhouse (Rental Basis) and Other Facilities

- This item includes the construction of temporary facilities for the engineer and a temporary bunkhouse for rental basis including the power and water supply for the storage of the materials/equipment needed for the whole duration of the project

Project Billboard/ Signboard

- Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

Occupational Construction Safety and Health

- The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

6. Rehabilitation of San Isidro Water Supply System, Brgy. San Isidro, Tabaco City

Mobilization and Demobilization

- Demobilization shall include all activities and costs for transportation of personnel, equipment, and supplies not required or included in the contract from the site; including the disassembly, removal, and site clean-up, of offices, buildings and other facilities assembled on the site

I. Deep Well Exploration

A. Drilling of 152mm (6") dia pilot hole, including strata sampling for every meter of penetration and/ or less when change in formation occurs.

- Drilling of production well in all geologic possible environments to a minimum diameter of 6" and to an acceptable minimum depth of water column approved by the field supervisor. Average total depth of well is expected to be 72 m.

Subgrade Preparation

- This item shall consist of the preparation of the subgrade for the support of overlying structural layers. It shall extend to full width of the roadway. Unless authorized by the Engineer, subgrade preparation shall not be done unless the Contractor is able to start immediately the construction of the pavement structure.

B. Reaming of 152 mm pilot hole to 300 mm diameter from ground level to final depth

- The borehole is drilled by rotating a bit, and cuttings are removed by continuous circulation of a drilling fluid as the bit penetrates the formation.

C. Supply & Installation of 152 mm dia. G.I. Pipe

- Installation of 152mm (6'') G.I. Pipe

D. Treatment with Polyphosphate Detergent

- Clean and disinfect the borehole with polyphosphate according to the calculated volume.

E. Well Development by Bailing & Surging

- Surging should start above the screen to reduce the possibility of "sand-locking" the surge block. Initial surging should be with a long stroke and at a slow rate (20 to 25 strokes per minute); after surging above the screen, the hole should be cleaned and surging started at the lower end of the screen - gradually working upward until the entire screen has been developed.

F. Well Development by Over pumping

- If the water level is within 3.05 to 4.57 m (10 to 15 ft) of ground surface, it is sometimes possible to use the mud pump as a suction pump to pump water from the well for 2 to 3 hours.

G. Well Development by Air Lifting

- Developing of borehole by airlifting for a minimum of 3 hours until a stabilized satisfactory yield is reached and the turbidity is less than 5 NTU.

H. Pumping Test

- The pumping test will consist of continuously pumping the borehole at the maximum discharge of 1,200 liters per hour for 4 hours followed by a 2-hour recovery test. The measurement of the dynamic water levels will be performed according to the logarithmic timescale schedule normally used for test pumping water boreholes.

I. Supply & Install Clay Backfill

- Installation of required inert backfill. For average well to specifications above the volume of inert backfill is 1 cubic meter.

J. Sealing with Cement Grout

- The grout is placed through the funnel & tremie in one continuous operation, beginning at the bottom of the zone being sealed. The bottom end of the grout pipe should be kept full of grout and remain submerged in grout during the operation. The grout pipe is gradually withdrawn as the grout fills the annular space. This is accomplished by disjuncting it in typically 10-foot sections.

K. Disinfection of Well

- Sterilize the borehole with a chlorine solution yielding at least 50 mg/l of active chlorine in all parts of the borehole. The chlorine solution may be prepared from calcium hypochlorite, sodium hypochlorite or gaseous chlorine. The chlorine solution should stay in the borehole for at least four hours at the specified concentration.

II. Construction of Overhead Tank and Panel Stand

Structure Excavation (Common Soil)

- The contractor shall perform all excavation of every description and of whatever materials encountered to the depth shown on the drawing or as directed by the Architect or to the Resident Engineer. All excavated materials not required for fill or backfill shall be removed and wasted as directed by the Architect. It shall be done in accordance with the lines and grades as indicated in the plans. Bottoms of excavation shall be level, free from loose materials on required levels in undisturbed earth on compacted fill.

Embankment (From Structural Excavation)

- The construction of embankment shall be in accordance with this Specifications and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. It shall be constructed of suitable materials for which is acceptable in accordance with the Contract and which can be compacted in the manner in this item. It can be common material rock.
- Embankments and backfills shall contain no muck, peat, sod, roots or other deleterious matter. Rocks broken concrete or other solid, bulky materials shall not be placed in embankment areas where piling is to be placed or driven.
- Where shown on the Plans or directed by the Engineer, the surface of the existing ground shall be compacted to a depth of 150mm. (6 inches) and to the specified requirements of this item.

Removal & Disposal of Unsuitable Materials

- This item of work consists of removing silt or any unsuitable materials or soil layers by common laborer and by using stake truck.

Gravel Bedding

- This item shall consist of placing the specified thick gravel fill in accordance with the specification and in conformity with the line, grades and dimensions shown on the plans or established by the engineer.

Structural Concrete (Class A) 28 days

- All concrete surfaces including those indicated as cement plaster on drawings, in all interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.

- Immediately after the removal of forms, all projecting wires and bolts and other devices and for drying forms shall be cut off beneath the surface finishes. All hole voids and other defects shall be enlarged, roughened and required with a mortar of the same grade as that even surface similar concrete surfaces to the satisfaction of the engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm and shall thereafter be filled with a mortar of the same grade as that in the original surface.

Reinforcing Steel (Deformed, Grade 40)

- This item covers the supply of labor, materials and equipment necessary for the installation of reinforcing steel bars (Grade 40) of structures. (Please refer to plans).
- Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

Formworks and False Works

- This item of works includes the furnishing and installation of ¼” thk Marine plywood, 2”x3” coco lumber, tie wire and assorted nails.
- Construction of forms-construction from sufficiently tight to prevent leakage, securely brace and shore forms to prevent displacement and to safely support construction loads. Forms shall not be removed until concrete is set.

Waterproofing

- This item shall consist of furnishing all waterproofing materials, labor, tools, equipment and other facilities in undertaking the proper installation works required as shown on the Plans and in accordance with this Specification. Cement-base waterproofing powder mix shall be cement-base, aggregate type, heavy duty, water-proof coating for reinforced concrete surface and masonry exposed to water.

Painting Works

- The works covered by this section of the specification consist in the proper preparation of surface, furnishing of labor, material tools appliances, scaffolding and other necessary equipment and in the performing of all operations in connection with painting, varnishing and wall paper works, complete in accordance with the color scheme and specified therein.
- This section of the specification covers the complete painting and finishing of the wood surface, the painting of plasters, concrete, unfinished metal and other surfaces throughout the interior and exterior of the building.
- All paint materials shall meet the requirements of the specifications by the standardization committee on supplies and shall be delivered on the job in the original container, with labels intact and seal unbroken.
- Tinting colors for all paint shall be colors in oil, ground and pure in linseed oil and of the grade obtainable.
- Color pigments shall be used to produce the exact shades of paint, which shall conform of the approved color scheme of the building.
- Except as otherwise noted, color of the priming coat shall be lighter than the body coat and color of the body lighter than the finish coat. The first coat shall be white.
- Wood surfaces shall be thoroughly cleaned, smoothly had pressed and well sand papered before any paint or finish is applied.
- Before applying paint to concrete, cement plaster or other cement finishes, etc. This surface must be allowed to dry thoroughly.

III. Plumbing, Electrical Works and Other Miscellaneous Works

Installation of Submersible Pump and Electrical Works

- This item covers the installation and supply of the Submersible Pump, Electrical Works and Other Plumbing works.

Provision of Bunkhouse (Rental Basis) and Other Facilities

- This item includes the construction of temporary facilities for the engineer and a temporary bunkhouse for rental basis including the power and water supply for the storage of the materials/equipment needed for the whole duration of the project.

Occupational Construction Safety and Health

- The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

Project Billboard/ Signboard

- Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

7. Rehabilitation of Tabiguian Water Supply System, Brgy. Tabiguian, Tabaco City

PART A. EARTHWORKS

Clearing and Grubbing

- This item of works includes the cleaning and clearing of site before and after construction.

Structure Excavation (Common Soil)

- The contractor shall perform all excavation of every description and of whatever materials encountered to the depth shown on the drawing or as directed by the Architect or to the Resident Engineer. All excavated materials not required for fill or backfill shall be removed and wasted as directed by the Architect. It shall be done in accordance with the lines and grades as indicated in the plans. Bottoms of excavation shall be level, free from loose materials on required levels in undisturbed earth on compacted fill.

Gravel Fill

- This item shall consist of placing the specified thick gravel fill in accordance with the specification and in conformity with the line, grades and dimensions shown on the plans or established by the engineer.

Pipeline Trench Excavation

- This item shall consist of the necessary excavation for the Installation of Pipelines.

Fill and Backfill

- This item shall consist of sand bedding for pipelines as prescribed in the plan and backfilling of excavated materials.

PART B. PLAIN AND REINFORCED CONCRETE WORKS

Structural Concrete (Class A) 28 days

- All concrete surfaces including those indicated as cement plaster on drawings, in all interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.

- Immediately after the removal of forms, all projecting wires and bolts and other devices and for drying forms shall be cut off beneath the surface finishes. All hole voids and other defects shall be enlarged, roughened and required with a mortar of the same grade as that even surface similar concrete surfaces to the satisfaction of the engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm and shall thereafter be filled with a mortar of the same grade as that in the original surface.

Reinforcing Steel (Deformed, Grade 40)

- This item covers the supply of labor, materials and equipment necessary for the installation of reinforcing steel bars (Grade 40) of structures. (Please refer to plans).
- Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

Formworks and False Works

- This item of works includes the furnishing and installation of ¼” thk Marine plywood, 2”x3” coco lumber, tie wire and assorted nails.
- Construction of forms-construction from sufficiently tight to prevent leakage, securely brace and shore forms to prevent displacement and to safely support construction loads. Forms shall not be removed until concrete is set.

PART C. FINISHING AND OTHER CIVIL WORKS

Waterproofing

- This item shall consist of furnishing all waterproofing materials, labor, tools, equipment and other facilities in undertaking the proper installation works required as shown on the Plans and in accordance with this Specification. Cement-base waterproofing powder mix shall be cement-base, aggregate type, heavy duty, water-proof coating for reinforced concrete surface and masonry exposed to water.

PART D. INSTALLATION OF PIPELINE

Plumbing Works

- Pipes and accessories shall be handled in such manner as to insure placement in the trench in sound, undamaged condition. Cutting shall be done when necessary and in neat workmanlike manner.
- Pipe shall be laid upgraded true to lines and grades as shown in the drawings or as directed by the Architect with grooves upgrade unless otherwise permitted by the Architect. The pipe sections shall be laid and fitted to form a smooth and uniform invert when completed. The full length of each sectioned the pipe shall be rest solidly on the pipe bed with recessed excavated to accommodate cement mortar joint.
- Water shall be kept out of the trench until cement mortar has the grade or joint disturbed after laying shall be taken out and re-laid.
- Any section of the pipe to be defective either before or after laying shall be replaced with new pipe without additional expenses to the owner.

PART F. OTHER GENERAL REQUIREMENTS

Provision of Bunkhouse (Rental Basis) and Other Facilities

- This item includes the construction of temporary facilities for the engineer and a temporary bunkhouse for rental basis including the power and water supply for the storage of the materials/equipment needed for the whole duration of the project.

Project Billboard/ Signboard

- Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

Occupational Construction Safety and Health

- The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

8. Rehabilitation of San Antonio Water Supply System, Brgy. San Antonio, Tabaco City

PART A. EARTHWORKS

Clearing and Grubbing

- This item of works includes the cleaning and clearing of site before and after construction.

Structure Excavation (Common Soil)

- The contractor shall perform all excavation of every description and of whatever materials encountered to the depth shown on the drawing or as directed by the Architect or to the Resident Engineer. All excavated materials not required for fill or backfill shall be removed and wasted as directed by the Architect. It shall be done in accordance with the lines and grades as indicated in the plans. Bottoms of excavation shall be level, free from loose materials on required levels in undisturbed earth on compacted fill.

Gravel Fill

- This item shall consist of placing the specified thick gravel fill in accordance with the specification and in conformity with the line, grades and dimensions shown on the plans or established by the engineer.

Pipeline Trench Excavation

- This item shall consist of the necessary excavation for the Installation of Pipelines.

Fill and Backfill

- This item shall consist of sand bedding for pipelines as prescribed in the plan and backfilling of excavated materials.

PART B. PLAIN AND REINFORCED CONCRETE WORKS

Structural Concrete (Class A) 28 days

- All concrete surfaces including those indicated as cement plaster on drawings, in all interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.
- Immediately after the removal of forms, all projecting wires and bolts and other devices and for drying forms shall be cut off beneath the surface finishes. All hole voids and other defer shall be enlarged, roughened and required with a mortar of the same grade as that even surface similar concrete surfaces to the satisfaction of the engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm and shall thereafter be filled with a mortar of the same grade as that in the original surface.

Reinforcing Steel (Deformed, Grade 40)

- This item covers the supply of labor, materials and equipment necessary for the installation of reinforcing steel bars (Grade 40) of structures. (Please refer to plans).

- Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

Formworks and False Works

- This item of works includes the furnishing and installation of ¼” thk Marine plywood, 2”x3” coco lumber, tie wire and assorted nails.
- Construction of forms-construction from sufficiently tight to prevent leakage, securely brace and shore forms to prevent displacement and to safely support construction loads. Forms shall not be removed until concrete is set.

PART C. FINISHING AND OTHER CIVIL WORKS

Waterproofing

- This item shall consist of furnishing all waterproofing materials, labor, tools, equipment and other facilities in undertaking the proper installation works required as shown on the Plans and in accordance with this Specification. Cement-base waterproofing powder mix shall be cement-base, aggregate type, heavy duty, water-proof coating for reinforced concrete surface and masonry exposed to water.

PART D. INSTALLATION OF PIPELINE

Polyethylene (PE) Plastic Pipe

- This item shall consist the installation of the P.E. Pipes with the use of butt fusion machine and necessary coupling. Manual installation of pipes is discouraged to ensure quality of connections

PART E. PLUMBING WORKS

Plumbing Works

- Pipes and accessories shall be handled in such manner as to insure placement in the trench in sound, undamaged condition. Cutting shall be done when necessary and in neat workmanlike manner.
- Pipe shall be laid upgraded true to lines and grades as shown in the drawings or as directed by the Architect with grooves upgrade unless otherwise permitted by the Architect. The pipe sections shall be laid and fitted to form a smooth and uniform invert when completed. The full length of each section of the pipe shall be rest solidly on the pipe bed with recessed excavated to accommodate cement mortar joint.
- Water shall be kept out of the trench until cement mortar has the grade or joint disturbed after laying shall be taken out and re-laid.
- Any section of the pipe to be defective either before or after laying shall be replaced with new pipe without additional expenses to the owner.

PART F. OTHER GENERAL REQUIREMENTS

Provision of Bunkhouse (Rental Basis) and Other Facilities

- This item includes the construction of temporary facilities for the engineer and a temporary bunkhouse for rental basis including the power and water supply for the storage of the materials/equipment needed for the whole duration of the project

Project Billboard/ Signboard

- Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

Occupational Construction Safety and Health

- The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

9. Rehabilitation of San Miguel Island Water Supply System, Brgys. Agñas, Sagurong, Rawis, Sitio Malictay Brgy. Hacienda, San Miguel Island, Tabaco City

Mobilization and Demobilization

- Demobilization shall include all activities and costs for transportation of personnel, equipment, and supplies not required or included in the contract from the site; including the disassembly, removal, and site clean-up, of offices, buildings and other facilities assembled on the site specifically for this contract.

I. Deep Well Exploration

A. Drilling of 152mm (6") dia pilot hole, including strata sampling for every meter of penetration and/ or less when change in formation occurs.

- Drilling of production well in all geologic possible environments to a minimum diameter of 6" and to an acceptable minimum depth of water column approved by the field supervisor. Average total depth of well is expected to be 72 m.

B. Reaming of 152 mm pilot hole to 300 mm diameter from ground level to final depth

- The borehole is drilled by rotating a bit, and cuttings are removed by continuous circulation of a drilling fluid as the bit penetrates the formation.

C. Supply & Installation of 152 mm dia. G.I. Pipe

- Installation of 152mm (6'') G.I. Pipe

D. Treatment with Polyphosphate Detergent

- Clean and disinfect the borehole with polyphosphate according to the calculated volume.

E. Well Development by Bailing & Surging

- Surging should start above the screen to reduce the possibility of "sand-locking" the surge block. Initial surging should be with a long stroke and at a slow rate (20 to 25 strokes per minute); after surging above the screen, the hole should be cleaned and surging started at the lower end of the screen - gradually working upward until the entire screen has been developed.

F. Well Development by Over pumping

- If the water level is within 3.05 to 4.57 m (10 to 15 ft) of ground surface, it is sometimes possible to use the pump as a suction pump to pump water from the well for 2 to 3 hours.

G. Well Development by Air Lifting

- Developing of borehole by airlifting for a minimum of 3 hours until a stabilized satisfactory yield is reached and the turbidity is less than 5 NTU.

H. Pumping Test

- The pumping test will consist of continuously pumping the borehole at the maximum discharge of 1,200 liters per hour for 4 hours followed by a 2-hour recovery test. The measurement of the

dynamic water levels will be performed according to the logarithmic timescale schedule normally used for test pumping water boreholes.

I. Supply & Install Clay Backfill

- Installation of required inert backfill. For average well to specifications above the volume of inert backfill is 1 cubic meter.

J. Sealing with Cement Grout

- The grout is placed through the funnel & tremie in one continuous operation, beginning at the bottom of the zone being sealed. The bottom end of the grout pipe should be kept full of grout and remain submerged in grout during the operation. The grout pipe is gradually withdrawn as the grout fills the annular space. This is accomplished by disjuncting it in typically 10-foot sections.

K. Disinfection of Well

- Sterilize the borehole with a chlorine solution yielding at least 50 mg/l of active chlorine in all parts of the borehole. The chlorine solution may be prepared from calcium hypochlorite, sodium hypochlorite or gaseous chlorine. The chlorine solution should stay in the borehole for at least four hours at the specified concentration.

II. Construction of Overhead Tank and Panel Stand

Structure Excavation (Common Soil)

- The contractor shall perform all excavation of every description and of whatever materials encountered to the depth shown on the drawing or as directed by the Architect or to the Resident Engineer. All excavated materials not required for fill or backfill shall be removed and wasted as directed by the Architect. It shall be done in accordance with the lines and grades as indicated in the plans. Bottoms of excavation shall be level, free from loose materials on required levels in undisturbed earth on compacted fill.

Embankment (From Structural Excavation)

- The construction of embankment shall be in accordance with this Specifications and in conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. It shall be constructed of suitable materials for which is acceptable in accordance with the Contract and which can be compacted in the manner in this item. It can be common material rock.
- Embankments and backfills shall contain no muck, peat, sod, roots or other deleterious matter. Rocks broken concrete or other solid, bulky materials shall not be placed in embankment areas where piling is to be placed or driven.
- Where shown on the Plans or directed by the Engineer, the surface of the existing ground shall be compacted to a depth of 150mm. (6 inches) and to the specified requirements of this item.

Gravel Bedding

- This item shall consist of placing the specified thick gravel fill in accordance with the specification and in conformity with the line, grades and dimensions shown on the plans or established by the engineer.

Structural Concrete (Class A) 28 days

- All concrete surfaces including those indicated as cement plaster on drawings, in all interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.
- Immediately after the removal of forms, all projecting wires and bolts and other devices and for drying forms shall be cut off beneath the surface finishes. All hole voids and other defer

shall be enlarged, roughened and required with a mortar of the same grade as that even surface similar concrete surfaces to the satisfaction of the engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm and shall thereafter be filled with a mortar of the same grade as that in the original surface.

Reinforcing Steel (Deformed, Grade 40)

- This item covers the supply of labor, materials and equipment necessary for the installation of reinforcing steel bars (Grade 40) of structures. (Please refer to plans).
- Reinforcing bars shall be standard commercial, deformed steel such as NSC steel or other locally available equivalent. Steel bars shall be free from rust scales. Splices in bars shall be made at critical points of maximum stress.

Formworks and False Works

- This item of works includes the furnishing and installation of ¼” thk Marine plywood, 2”x3” coco lumber, tie wire and assorted nails.
- Construction of forms-construction from sufficiently tight to prevent leakage, securely brace and shore forms to prevent displacement and to safely support construction loads. Forms shall not be removed until concrete is set.

Waterproofing

- This item shall consist of furnishing all waterproofing materials, labor, tools, equipment and other facilities in undertaking the proper installation works required as shown on the Plans and in accordance with this Specification. Cement-base waterproofing powder mix shall be cement-base, aggregate type, heavy duty, water-proof coating for reinforced concrete surface and masonry exposed to water.

Cement Plaster Finish

- Interior walls and other concrete surfaces without specified finish, shall be done and applied in accordance with the following provisions.
- Immediately after the removal of forms, all projecting wires and bolts and other devices used for trying forms shall be cut off at least ½ cm. beneath the surface finishes. All hole voids, depressions and other defects shall be enlarged, roughened and repaired with mortar of the same grade as that even surface similar surface all to the satisfaction of the Engineer. Cracks shall be cut out and the sides dove tailed to a depth of at least 5cm. and shall thereafter with a mortar of the same grade as that in the original surface.
- The concrete mixture to be used for all plastering works must be CLASS “A” MORTARS – 1:3 by volume.

Painting Works

- The works covered by this section of the specification consist in the proper preparation of surface, furnishing of labor, material tools appliances, scaffolding and other necessary equipment and in the performing of all operations in connection with painting, varnishing and wall paper works, complete in accordance with the color scheme and specified therein.
- This section of the specification covers the complete painting and finishing of the wood surface, the painting of plasters, concrete, unfinished metal and other surfaces throughout the interior and exterior of the building.
- All paint materials shall meet the requirements of the specifications by the standardization committee on supplies and shall be delivered on the job in the original container, with labels intact and seal unbroken.

- Tinting colors for all paint shall be colors in oil, ground and pure in linseed oil and of the grade obtainable.
- Color pigments shall be used to produce the exact shades of paint, which shall conform of the approved color scheme of the building.
- Except as otherwise noted, color of the priming coat shall be lighter than the body coat and color of the body lighter than the finish coat. The first coat shall be white.
- Wood surfaces shall be thoroughly cleaned, smoothly had pressed and well sand papered before any paint or finish is applied.
- Before applying paint to concrete, cement plaster or other cement finishes, etc. This surface must be allowed to dry thoroughly.

CHB Non-Load Bearing, 100mm / 150mm (Incl. RSB)

- This item of work consists of furnishing and installation of 100mm thick CHB for all interior walls unless otherwise indicated. CHB shall be filled with mortar and ready to accept plaster finish.

Structural Steel

- This work shall consist of steel structures and the steel structure portions of composite structures, constructed in reasonably close conformity with the lines, grades and dimensions shown on the Plans or established by the Engineer. The work will include the furnishing, fabricating, hauling, erecting, welding and painting of structural metals called for in the Special Provision or shown on the Plans.
- Structural metals will include structural steel, rivet, welding, special and alloy steels, steel forgings and castings and iron castings. This work will also include any incidental metal construction not otherwise provided for, all in accordance with these Specifications, Plans and Special Provisions.

III. Plumbing, Electrical Works and Other Miscellaneous Works

A. Installation of Submersible Pump and Electrical Works

- This item covers the installation and supply of the Submersible Pump, Electrical Works and Other Plumbing works.

B. Filtration System

- This item contains layer of filtration system for potable water system.

Provision of Bunkhouse (Rental Basis) and Other Facilities

- This item includes the construction of temporary facilities for the engineer and a temporary bunkhouse for rental basis including the power and water supply for the storage of the materials/equipment needed for the whole duration of the project

Occupational Construction Safety and Health

- The contractor needs to establish safety goals and objectives develop and implement a written Safety and Health program. The contractor also needs to provide a Part-Time Safety Practitioner and First Aider who undergone training at DOLE/ Red cross respectively.

Project Billboard/ Signboard

- Fabrication & installation of plywood size (1.2m x 2.4m) standard billboard with coco lumber frame.

Section VII. Drawings

Copy of the Plans and Drawings can be found online at:

https://drive.google.com/drive/folders/1apqXC_AzwLa0B38qm_eomZ5Wfi1VUDnQ8

Section VIII. Bill of Quantities

Project Title: Rehabilitation of Various Water Supply Systems
Location: Various Barangays, Tabaco City
Contract ID No. 007-01-2025-INFRA-PB
Approved Budget for the Contract (ABC): Php 37,000,000.00
Duration: 240 Calendar Days

BILL OF QUANTITIES

Item No.	Description of Work to be Done		Qty	Unit	Unit Price (Php)	Total Amount (Php)
1	Rehabilitation of Bantayan Water Supply System, Brgy. Bantayan, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	11.25	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	3.38	cu.m.		
	804(4)	Gravel Fill	1.13	cu.m.		
	1600 (2)	Pipeline Trench Excavation	127.08	cu.m.		
	1601 (1)	Fill and Backfill	117.43	cu.m.		
	Part B	Plain and Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	8.33	cu.m.		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	1,174.82	kg		
	903(2)	Formworks and False Works	79.50	sq.m.		
	Part C	Finishing and Other Civil Works				
	1016 (1)a	Waterproofing	84.00	sq.m		
	Part D	Installation of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	L.S.		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	Subtotal					
2	Rehabilitation of Buang Water Supply System, Brgy. Buang, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	20.25	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	6.08	cu.m.		
	804(4)	Gravel Fill	2.03	cu.m.		
	1600 (2)	Pipeline Trench Excavation	123.78	cu.m		
	1601 (1)	Fill and Backfill	114.38	cu.m.		
	Part B	Plain and Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	14.63	cu.m		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	2,043.29	kg		
	903(2)	Formworks and False Works	136.50	sq.m.		
	Part C	Finishing and Other Civil Works				
	1016 (1)a	Waterproofing	150.00	sq.m		
	Part D	Installation of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		

	Subtotal				
3	Rehabilitation of Buhian Water Supply System, Brgy. Buhian, Tabaco City				
	I.	Deep Well Exploration			
	A.	MOB/DEMOB/Transport of Equipments from Tabaco City to Project Site	1.00	lot	
	B.	Deep Well Exploration			
	a.	Drilling of 152mm (6") dia pilot hole, including strata sampling for every meter of penetration	72.00	mtrs	
	b.	Reaming of 152 mm pilot hole ground level to final depth	72.00	mtrs	
	c.	Supply & Installation of 152 mm diameter G.I. pipe	72.00	mtrs	
	d.	Treatment with Polyphospate Detergent	1.00	lot	
	e.	Well Development by Bailing & Surging	1.00	lot	
	f.	Well Development by Overpumping	1.00	lot	
	g.	Well Development by Air Lifting	1.00	lot	
	h.	Pumping Test	1.00	lot	
	i.	Supply & Install Clay Backfill	1.00	lot	
	j.	Sealing with Cement Grout	1.00	lot	
	k.	Disinfection of Well	1.00	lot	
	II.	Construction of Overhead Tank and Solar Panel Stand			
	803(1)a	Structure Excavation (Common Soil)	9.88	cu.m.	
	804(1)a	Embankment (From Structural Excavation)	6.44	cu.m.	
	804(4)	Gravel Bedding	1.10	cu.m.	
	900(1)c1	Structural Concrete	13.66	cu.m.	
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	1,659.90	kgs	
	903(2)	Formworks and Falseworks	150.63	sq.m	
	1016(1)a	Waterproofing (Cement-Base)	31.25	sq.m	
	1032(1)a	Painting Works (Masonry/Concrete)	43.49	sq.m	
	III.	Plumbing, Electrical Works and Other Miscellaneous Works			
	A.	Installation of Submersible Pump and Electrical Works	1.00	lot	
	IV.	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	L.S	
	B.7(2)	Occupational Safety and Health Program	1.00	L.S	
	B.5	Project Billboard/Signboard	2.00	unit	
	Subtotal				
4	Rehabilitation of Oson Water Supply System, Brgy. Oson, Tabaco City				
	Part A	Earthworks			
	800(1)	Clearing and Grubbing	9.00	sq.m.	
	803(1)a	Structure Excavation (Common Soil)	2.70	cu.m.	
	804(4)	Gravel Fill	0.90	cu.m.	
	1600 (2)	Pipeline Trench Excavation	141.12	cu.m	
	1601 (1)	Fill and Backfill	130.40	cu.m.	
	Part B	Plain And Reinforced Concrete Works			
	900(1)c1	Structural Concrete (Class A) 28 days	6.30	cu.m	
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	887.11	kg	
	903(2)	Formworks and False Works	57.00	sq.m.	
	Part C	Finishing And Other Civil Works			
	1016 (1)a	Waterproofing	66.00	sq.m	
	Part D	Installation Of Pipeline			
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot	
	Part E	Plumbing Works			
	1002 (27)	Plumbing Works	1.00	L.S.	

	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	Subtotal					
5	Rehabilitation of Pinagbobong Water Supply System, Brgy. Pinagbobong, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	15.25	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	4.58	cu.m.		
	804(4)	Gravel Fill	1.53	cu.m.		
	1600 (2)	Pipeline Trench Excavation	136.50	cu.m		
	1601 (1)	Fill and Backfill	126.13	cu.m.		
	Part B	Plain and Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	11.93	cu.m		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	1,755.58	kg		
	903(2)	Formworks and False Works	119.50	sq.m.		
	Part C	Finishing and Other Civil Works				
	1016 (1)a	Waterproofing	128.50	sq.m		
	Part D	Installation of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	Subtotal					
6	Rehabilitation of San Isidro Water Supply System, Brgy. San Isidro, Tabaco City					
	I.	Deep Well Exploration				
	A.	MOB/DEMOB/Transport of Equipments from Tabaco City to Project Site	1.00	lot		
	B.	Deep Well Exploration				
	a.	Drilling of 152mm (6") dia pilot hole, including strata sampling for every meter of penetration	72.00	mtrs		
	b.	Reaming of 152 mm pilot hole ground level to final depth	72.00	mtrs		
	c.	Supply & Installation of 152 mm diameter G.I. pipe	72.00	mtrs		
	d.	Treatment with Polyphospate Detergent	1.00	lot		
	e.	Well Development by Bailing & Surging	1.00	lot		
	f.	Well Development by Overpumping	1.00	lot		
	g.	Well Development by Air Lifting	1.00	lot		
	h.	Pumping Test	1.00	lot		
	i.	Supply & Install Clay Backfill	1.00	lot		
	j.	Sealing with Cement Grout	1.00	lot		
	k.	Disinfection of Well	1.00	lot		
	II.	Construction of Overhead Tank and Solar Panel Stand				
	803(1)a	Structure Excavation (Common Soil)	9.88	cu.m.		
	804(1)a	Embankment (From Structural Excavation)	6.44	cu.m.		
	804(4)	Gravel Bedding	1.10	cu.m.		
	900(1)c1	Structural Concrete	13.66	cu.m.		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	1,659.90	kgs		
	903(2)	Formworks and Falseworks	150.63	sq.m		
	1016(1)a	Waterproofing (Cement-Base)	31.25	sq.m		
	1032(1)a	Painting Works (Masonry/Concrete)	43.49	sq.m		

	III.	Plumbing, Electrical Works and Other Miscellaneous Works				
	A.	Installation of Submersible Pump and Electrical Works	1.00	lot		
	IV.	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	l.s.		
	B.7(2)	Occupational Safety and Health Program	1.00	l.s.		
	B.5	Project Billboard/Signboard	2.00	unit		
	Subtotal					
7	Rehabilitation of Tabiguian Water Supply System, Brgy. Tabiguian, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	9.00	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	2.70	cu.m.		
	804(4)	Gravel Fill	0.90	cu.m.		
	1600 (2)	Pipeline Trench Excavation	162.30	cu.m		
	1601 (1)	Fill and Backfill	149.97	cu.m.		
	Part B	Plain and Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	8.70	cu.m		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	887.11	kg		
	903(2)	Formworks and False Works	89.00	sq.m.		
	Part C	Finishing and Other Civil Works				
	1016 (1)a	Waterproofing	98.00	sq.m		
	Part D	Installation of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	Subtotal					
8	Rehabilitation of San Antonio Water Supply System, Brgy. San Antonio, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	9.00	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	2.70	cu.m.		
	804(4)	Gravel Fill	0.90	cu.m.		
	1600 (2)	Pipeline Trench Excavation	104.40	cu.m		
	1601 (1)	Fill and Backfill	96.47	cu.m.		
	Part B	Plain and Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	8.70	cu.m		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	887.11	kg		
	903(2)	Formworks and False Works	89.00	sq.m.		
	Part C	Finishing and Other Civil Works				
	1016 (1)a	Waterproofing	98.00	sq.m		
	Part D	Installation of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	Subtotal					
9	Rehabilitation of San Miguel Island Water Supply System, Brgys. Agñas, Sagurong, Rawis, Sitio Malictay, Brgy. Hacienda, San Miguel Island, Tabaco City					
	I.	Installation of Deep Well Exploration				

	A.	MOB/DEMOB/Transport of Equipments from Tabaco City to Project Site	1.00	lot		
	B.	Deep Well Exploration				
	a.	Drilling of 152mm (6") dia pilot hole, including strata sampling for every meter of penetration	360.00	mtrs		
	b.	Reaming of 152 mm pilot hole ground level to final depth	360.00	mtrs		
	c.	Supply & Installation of 152 mm diameter G.I. pipe	360.00	mtrs		
	d.	Treatment with Polyphospate Detergent	1.00	lot		
	e.	Well Development by Bailing & Surging	1.00	lot		
	f.	Well Development by Overpumping	1.00	lot		
	g.	Well Development by Air Lifting	1.00	lot		
	h.	Pumping Test	1.00	lot		
	i.	Supply & Install Clay Backfill	1.00	lot		
	j.	Sealing with Cement Grout	1.00	lot		
	k.	Disinfection of Well	1.00	lot		
	II.	Construction of Overhead Tank, Reservoir, Solar Panel Stand and Fence				
	803(1)a	Structure Excavation (Common Soil)	86.17	cu.m.		
	804(1)a	Embankment (From Structural Excavation)	56.58	cu.m.		
	804(4)	Gravel Bedding	11.45	cu.m.		
	900(1)c1	Structural Concrete	87.61	cu.m.		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	12,003.96	kgs		
	903(2)	Formworks and Falseworks	960.37	sq.m		
	1016(1)a	Waterproofing (Cement-Base)	227.50	sq.m		
	1027(1)	Cement Plaster Finish	192.00	sq.m		
	1032(1)a	Painting Works (Masonry/Concrete)	217.45	sq.m		
	1046 (1)a2	CHB Non Load Bearing (including Reinforcing Steel)	136.08	sq.m		
	1047 (1)	Structural Steel	1.00	L.S.		
	III.	Plumbing, Electrical Works and Other Miscellaneous Works				
	A.	Installation of Submersible Pump and Electrical Works	1.00	lot		
	B.	Filtration System	1.00	lot		
	IV.	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	L.S.		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	B.5	Project Billboard/Signboard	10.00	unit		
	Subtotal					
	Grand Total					

Name of the Company/Bidder	Name of Authorized Representative	Signature of Authorized Representative

Section IX. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages)

Technical Documents

- ☐ (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- ☐ (c) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**
- ☐ (d) Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**
- ☐ (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (f) Project Requirements, which shall include the following:
 - ☐ a. Organizational chart for the contract to be bid;
 - ☐ b. List of contractor’s key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
 - ☐ c. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- ☐ (g) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- ☐ (h) The prospective bidder’s computation of Net Financial Contracting Capacity (NFCC).

Class “B” Documents

- ☐ (i) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence;
or
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

Annex A. Forms & Templates

Name of the Procuring Entity: LGU-Tabaco City
Contract ID No. 007-01-2025-INFRA-PB
Name of the Project: Rehabilitation of Various Water Supply Systems
Project Location: Various Barangays, Tabaco City

List of ALL Ongoing Government & Private Contracts whether similar or not similar in nature including contracts awarded but not yet started

Business Name : _____

Business Address : _____

Name of Contract/Location And Project Cost	a. Owner Name b. Address c. Telephone Nos.	Nature of Work	Contractor’s Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works
			Description (sole contractor, subcontractor or partner in JV)	% of Participation		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
Note: This statement shall be supported with: 1 Notice of Award and/or Contract 2 Notice to Proceed issued by the owner						Total Cost		

Submitted by : _____
(Printed Name & Signature)

Designation : _____
Date : _____

Name of the Procuring Entity: LGU-Tabaco City
Contract ID No. 007-01-2025-INFRA-PB
Name of the Project: Rehabilitation of Various Water Supply Systems
Location: Various Barangays, Tabaco City

Statement of SINGLE LARGEST COMPLETED CONTRACT (SLCC) which is similar in nature

Business Name : _____

Business Address : _____

Name of Contract	a. Owner Name b. Address c. Telephone Nos.	Nature of Work	Contractor's Role		a. Amount at Award b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	%		

Note: This statement shall be supported with:
1 Notice of Award and/ or Notice to Proceed;
2 Owner's Certificate of Final Acceptance or Completion, or
3 CPES Satisfactory Final Rating

Submitted by : _____
(Printed Name & Signature)

Designation : _____

Date : _____

Name of the Procuring Entity: LGU-Tabaco City
Contract ID No. 007-01-2025-INFRA-PB
Name of the Project: Rehabilitation of Various Water Supply Systems
Location: Various Barangays, Tabaco City

Net Financial Contracting Capacity (NFCC)

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

		Year <u>2023</u>
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1-3)	
6.	Net Working Capital (2-4)	

B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:
NFCC = 15 (current asset – current liabilities) minus value of all outstanding works under ongoing contracts including awarded contracts yet to be started

NFCC = P _____

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

Submitted by:

Name of Supplier / Distributor / Manufacturer

Signature of Authorized Representative

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)
CITY OF _____) S.S.

BID SECURING DECLARATION
Project Identification No. 007-01-2025-INFRA-PB
Rehabilitation of Various Water Supply Systems
Various Barangays, Tabaco City

To: **The City Government of Tabaco**
Tabaco City

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]

Name of the Procuring Entity: LGU-Tabaco City
Contract ID No. 007-01-2025-INFRA-PB
Name of the Project: Rehabilitation of Various Water Supply Systems
Location: Various Barangays, Tabaco City

QUALIFICATION OF KEY PERSONNEL PROPOSED TO BE ASSIGNED TO THE CONTRACT

Business Name : _____
Business Address: _____

		Project Manager	Project Engineer	Materials Engineer	Construction Foreman	Safety Officer	First Aider	Other positions deemed required by the Applicant for this project
1	Name							
2	Address							
3	Date of Birth							
4	Employed Since							
5	Experience							
6	Previous Employment							
7	Education							
8	PRC License							

Note: Attach individual resume and PRC License of the (professional) personnel

Submitted by : _____
(Printed Name & Signature)

Designation : _____

Date : _____

Name of the Procuring Entity: LGU-Tabaco City
Contract ID No. 007-01-2025-INFRA-PB
Name of the Project: Rehabilitation of Various Water Supply Systems
Location: Various Barangays, Tabaco City

List of Equipment, Owned or Leased and/or under Purchase Agreements, Pledged to the Proposed Contract

Business Name : _____
Business Address: _____

Description	Quantity	Model/ Year	Capacity / Performance / Size	Plate No.	Motor No. / Body No.	Location	Condition	Proof of Ownership / Lessor or Vendor
A. Owned								
i.								
ii.								
iii.								
iv.								
v.								
B. Leased								
i.								
ii.								
iii.								
iv.								
v.								
C. Under Purchase Agreements								
i.								
ii.								
iii.								
iv.								

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

Omnibus Sworn Statement (Revised)
[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

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

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

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

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

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

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

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

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

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC),

the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of ____, 20__ at _____, Philippines.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED
REPRESENTATIVE]*

[Insert signatory's legal capacity]
Affiant

[Jurat]

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

Bid Form for the Procurement of Infrastructure Projects

BID FORM

Date : _____
Project Identification No.: 007-01-2025-INFRA-PB

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;
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the **[Name of Project]** of the **[Name of the Procuring Entity]**.
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

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

Date: _____

¹ currently based on GPPB Resolution No. 09-2020

Name of the Procuring Entity: LGU-Tabaco City
Contract ID No. 007-01-2025-INFRA-PB
Name of the Project: Rehabilitation of Various Water Supply Systems
Location: Various Barangays, Tabaco City

BILL OF QUANTITIES

Item No.	Description of Work to be Done		Qty	Unit	Unit Price (Php)	Total Amount (Php)
1	Rehabilitation of Bantayan Water Supply System, Brgy. Bantayan, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	11.25	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	3.38	cu.m.		
	804(4)	Gravel Fill	1.13	cu.m.		
	1600 (2)	Pipeline Trench Excavation	127.08	cu.m.		
	1601 (1)	Fill and Backfill	117.43	cu.m.		
	Part B	Plain and Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	8.33	cu.m.		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	1,174.82	kg		
	903(2)	Formworks and False Works	79.50	sq.m.		
	Part C	Finishing and Other Civil Works				
	1016 (1)a	Waterproofing	84.00	sq.m		
	Part D	Installation of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	L.S.		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	Subtotal					
2	Rehabilitation of Buang Water Supply System, Brgy. Buang, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	20.25	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	6.08	cu.m.		
	804(4)	Gravel Fill	2.03	cu.m.		
	1600 (2)	Pipeline Trench Excavation	123.78	cu.m		
	1601 (1)	Fill and Backfill	114.38	cu.m.		
	Part B	Plain and Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	14.63	cu.m		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	2,043.29	kg		
	903(2)	Formworks and False Works	136.50	sq.m.		
	Part C	Finishing and Other Civil Works				
	1016 (1)a	Waterproofing	150.00	sq.m		
	Part D	Installation of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	Subtotal					
3	Rehabilitation of Buhian Water Supply System, Brgy. Buhian, Tabaco City					
	I.	Deep Well Exploration				
	A.	MOB/DEMOB/Transport of Equipments from Tabaco City to Project Site	1.00	lot		

	B.	Deep Well Exploration				
	a.	Drilling of 152mm (6") dia pilot hole, including strata sampling for every meter of penetration	72.00	mtrs		
	b.	Reaming of 152 mm pilot hole ground level to final depth	72.00	mtrs		
	c.	Supply & Installation of 152 mm diameter G.I. pipe	72.00	mtrs		
	d.	Treatment with Polyphospate Detergent	1.00	lot		
	e.	Well Development by Bailing & Surging	1.00	lot		
	f.	Well Development by Overpumping	1.00	lot		
	g.	Well Development by Air Lifting	1.00	lot		
	h.	Pumping Test	1.00	lot		
	i.	Supply & Install Clay Backfill	1.00	lot		
	j.	Sealing with Cement Grout	1.00	lot		
	k.	Disinfection of Well	1.00	lot		
	II.	Construction of Overhead Tank and Solar Panel Stand				
	803(1)a	Structure Excavation (Common Soil)	9.88	cu.m.		
	804(1)a	Embankment (From Structural Excavation)	6.44	cu.m.		
	804(4)	Gravel Bedding	1.10	cu.m.		
	900(1)c1	Structural Concrete	13.66	cu.m.		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	1,659.90	kgs		
	903(2)	Formworks and Falseworks	150.63	sq.m		
	1016(1)a	Waterproofing (Cement-Base)	31.25	sq.m		
	1032(1)a	Painting Works (Masonry/Concrete)	43.49	sq.m		
	III.	Plumbing, Electrical Works and Other Miscellaneous Works				
	A.	Installation of Submersible Pump and Electrical Works	1.00	lot		
	IV.	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	L.S		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S		
	B.5	Project Billboard/Signboard	2.00	unit		
	Subtotal					
4	Rehabilitation of Oson Water Supply System, Brgy. Oson, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	9.00	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	2.70	cu.m.		
	804(4)	Gravel Fill	0.90	cu.m.		
	1600 (2)	Pipeline Trench Excavation	141.12	cu.m		
	1601 (1)	Fill and Backfill	130.40	cu.m.		
	Part B	Plain And Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	6.30	cu.m		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	887.11	kg		
	903(2)	Formworks and False Works	57.00	sq.m.		
	Part C	Finishing And Other Civil Works				
	1016 (1)a	Waterproofing	66.00	sq.m		
	Part D	Installation Of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		

	Subtotal				
5	Rehabilitation of Pinagbobong Water Supply System, Brgy. Pinagbobong, Tabaco City				
	Part A	Earthworks			
	800(1)	Clearing and Grubbing	15.25	sq.m.	
	803(1)a	Structure Excavation (Common Soil)	4.58	cu.m.	
	804(4)	Gravel Fill	1.53	cu.m.	
	1600 (2)	Pipeline Trench Excavation	136.50	cu.m	
	1601 (1)	Fill and Backfill	126.13	cu.m.	
	Part B	Plain and Reinforced Concrete Works			
	900(1)c1	Structural Concrete (Class A) 28 days	11.93	cu.m	
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	1,755.58	kg	
	903(2)	Formworks and False Works	119.50	sq.m.	
	Part C	Finishing and Other Civil Works			
	1016 (1)a	Waterproofing	128.50	sq.m	
	Part D	Installation of Pipeline			
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot	
	Part E	Plumbing Works			
	1002 (27)	Plumbing Works	1.00	L.S.	
	Part F	Other General Requirements			
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS	
	B.5	Project Billboard/Signboard	2.00	unit	
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.	
	Subtotal				
6	Rehabilitation of San Isidro Water Supply System, Brgy. San Isidro, Tabaco City				
	I.	Deep Well Exploration			
	A.	MOB/DEMOB/Transport of Equipments from Tabaco City to Project Site	1.00	lot	
	B.	Deep Well Exploration			
	a.	Drilling of 152mm (6") dia pilot hole, including strata sampling for every meter of penetration	72.00	mtrs	
	b.	Reaming of 152 mm pilot hole ground level to final depth	72.00	mtrs	
	c.	Supply & Installation of 152 mm diameter G.I. pipe	72.00	mtrs	
	d.	Treatment with Polyphospate Detergent	1.00	lot	
	e.	Well Development by Bailing & Surging	1.00	lot	
	f.	Well Development by Overpumping	1.00	lot	
	g.	Well Development by Air Lifting	1.00	lot	
	h.	Pumping Test	1.00	lot	
	i.	Supply & Install Clay Backfill	1.00	lot	
	j.	Sealing with Cement Grout	1.00	lot	
	k.	Disinfection of Well	1.00	lot	
	II.	Construction of Overhead Tank and Solar Panel Stand			
	803(1)a	Structure Excavation (Common Soil)	9.88	cu.m.	
	804(1)a	Embankment (From Structural Excavation)	6.44	cu.m.	
	804(4)	Gravel Bedding	1.10	cu.m.	
	900(1)c1	Structural Concrete	13.66	cu.m.	
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	1,659.90	kgs	
	903(2)	Formworks and Falseworks	150.63	sq.m	
	1016(1)a	Waterproofing (Cement-Base)	31.25	sq.m	
	1032(1)a	Painting Works (Masonry/Concrete)	43.49	sq.m	
	III.	Plumbing, Electrical Works and Other Miscellaneous Works			
	A.	Installation of Submersible Pump and Electrical Works	1.00	lot	

	IV.	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	l.s.		
	B.7(2)	Occupational Safety and Health Program	1.00	l.s.		
	B.5	Project Billboard/Signboard	2.00	unit		
	Subtotal					
7	Rehabilitation of Tabiguian Water Supply System, Brgy. Tabiguian, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	9.00	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	2.70	cu.m.		
	804(4)	Gravel Fill	0.90	cu.m.		
	1600 (2)	Pipeline Trench Excavation	162.30	cu.m		
	1601 (1)	Fill and Backfill	149.97	cu.m.		
	Part B	Plain and Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	8.70	cu.m		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	887.11	kg		
	903(2)	Formworks and False Works	89.00	sq.m.		
	Part C	Finishing and Other Civil Works				
	1016 (1)a	Waterproofing	98.00	sq.m		
	Part D	Installation of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	Subtotal					
8	Rehabilitation of San Antonio Water Supply System, Brgy. San Antonio, Tabaco City					
	Part A	Earthworks				
	800(1)	Clearing and Grubbing	9.00	sq.m.		
	803(1)a	Structure Excavation (Common Soil)	2.70	cu.m.		
	804(4)	Gravel Fill	0.90	cu.m.		
	1600 (2)	Pipeline Trench Excavation	104.40	cu.m		
	1601 (1)	Fill and Backfill	96.47	cu.m.		
	Part B	Plain and Reinforced Concrete Works				
	900(1)c1	Structural Concrete (Class A) 28 days	8.70	cu.m		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	887.11	kg		
	903(2)	Formworks and False Works	89.00	sq.m.		
	Part C	Finishing and Other Civil Works				
	1016 (1)a	Waterproofing	98.00	sq.m		
	Part D	Installation of Pipeline				
	1602 (5)	Polyethylene (PE) Plastic Pipe	1.00	lot		
	Part E	Plumbing Works				
	1002 (27)	Plumbing Works	1.00	L.S.		
	Part F	Other General Requirements				
	SPL-3	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	LS		
	B.5	Project Billboard/Signboard	2.00	unit		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	Subtotal					
9	Rehabilitation of San Miguel Island Water Supply System, Brgys. Agñas, Sagurong, Rawis, Sitio Malictay, Brgy. Hacienda, San Miguel Island, Tabaco City					
	I.	Installation of Deep Well Exploration				
	A.	MOB/DEMOB/Transport of Equipments from Tabaco City to Project Site	1.00	lot		
	B.	Deep Well Exploration				

	a.	Drilling of 152mm (6") dia pilot hole, including strata sampling for every meter of penetration	360.00	mtrs		
	b.	Reaming of 152 mm pilot hole ground level to final depth	360.00	mtrs		
	c.	Supply & Installation of 152 mm diameter G.I. pipe	360.00	mtrs		
	d.	Treatment with Polyphospate Detergent	1.00	lot		
	e.	Well Development by Bailing & Surging	1.00	lot		
	f.	Well Development by Overpumping	1.00	lot		
	g.	Well Development by Air Lifting	1.00	lot		
	h.	Pumping Test	1.00	lot		
	i.	Supply & Install Clay Backfill	1.00	lot		
	j.	Sealing with Cement Grout	1.00	lot		
	k.	Disinfection of Well	1.00	lot		
	II.	Construction of Overhead Tank, Reservoir, Solar Panel Stand and Fence				
	803(1)a	Structure Excavation (Common Soil)	86.17	cu.m.		
	804(1)a	Embankment (From Structural Excavation)	56.58	cu.m.		
	804(4)	Gravel Bedding	11.45	cu.m.		
	900(1)c1	Structural Concrete	87.61	cu.m.		
	902(1)a	Reinforcing Steel (Deformed, Grade 40)	12,003.96	kgs		
	903(2)	Formworks and Falseworks	960.37	sq.m		
	1016(1)a	Waterproofing (Cement-Base)	227.50	sq.m		
	1027(1)	Cement Plaster Finish	192.00	sq.m		
	1032(1)a	Painting Works (Masonry/Concrete)	217.45	sq.m		
	1046 (1)a2	CHB Non Load Bearing (including Reinforcing Steel)	136.08	sq.m		
	1047 (1)	Structural Steel	1.00	L.S.		
	III.	Plumbing, Electrical Works and Other Miscellaneous Works				
	A.	Installation of Submersible Pump and Electrical Works	1.00	lot		
	B.	Filtration System	1.00	lot		
	IV.	Provision of Bunkhouse (Rental Basis) & Other Facilities	1.00	L.S.		
	B.7(2)	Occupational Safety and Health Program	1.00	L.S.		
	B.5	Project Billboard/Signboard	10.00	unit		
	Subtotal					
	Grand Total					

Name of the Company/Bidder	Name of Authorized Representative	Signature of Authorized Representative

Name of the Procuring Entity: LGU-Tabaco City
Contract ID No. 007-01-2025-INFRA-PB
Name of the Project: Rehabilitation of Various Water Supply Systems
Location: Various Barangays, Tabaco City

Contract Name : _____
Location : _____

CASH FLOW BY QUARTER AND PAYMENT SCHEDULE

PARTICULAR	% WT.	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
ACCOMPLISHMENT					
CASH FLOW					
CUMULATIVE ACCOMPLISHMENT					
CUMULATIVE CASH FLOW					

Submitted by:

Name of the Representative of the Bidder : _____
Position : _____

Name of the Bidder: _____
Date _____

Contract Agreement Form for the Procurement of Infrastructure Projects (Revised)

*[not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the
Notice of Award]*

CONTRACT AGREEMENT

THIS AGREEMENT, made this *[insert date]* day of *[insert month]*, *[insert year]* between *[name and address of PROCURING ENTITY]* (hereinafter called the “Entity”) and *[name and address of Contractor]* (hereinafter called the “Contractor”).

WHEREAS, the Entity is desirous that the Contractor execute *[name and identification number of contract]* (hereinafter called “the Works”) and the Entity has accepted the Bid for *[contract price in words and figures in specified currency]* by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, viz.:

- a. Philippine Bidding Documents (PBDs);
 - i. Drawings/Plans;
 - ii. Specifications;
 - iii. Bill of Quantities;
 - iv. General and Special Conditions of Contract;
 - v. Supplemental or Bid Bulletins, if any;
- b. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder’s bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder’s response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity’s bid evaluation;

- c. Performance Security;
 - d. Notice of Award of Contract and the Bidder’s conforme thereto; and
 - e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**
3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.

4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

[Insert Name and Signature]

[Insert Name and Signature]

[Insert Signatory's Legal Capacity]

[Insert Signatory's Legal Capacity]

for:

for:

[Insert Procuring Entity]

[Insert Name of Supplier]

Acknowledgment

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

**THE FOLLOWING PAGES ARE THE
MARKINGS FOR EACH ENVELOPE:**

3 Copies: Original, Copy 1 and Copy 2

*(COPY & PASTE in the envelopes.
Edit ONLY the Name and Address of the Bidder)*

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

ATTY. JOVITO BRON CODERIS, JR.
BAC CHAIRMAN
LGU-TABACO CITY

ORIGINAL - TECHNICAL COMPONENT

REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
CONTRACT ID NO. 007-01-2025-INFRA-PB

DO NOT OPEN BEFORE FEBRUARY 17, 2025, 9:30AM

NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

ATTY. JOVITO BRON CODERIS, JR.
BAC CHAIRMAN
LGU-TABACO CITY

ORIGINAL – FINANCIAL COMPONENT

REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
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BAC CHAIRMAN
LGU-TABACO CITY

ORIGINAL BID

REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
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COPY NO. 1 - TECHNICAL COMPONENT

REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
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REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
CONTRACT ID NO. 007-01-2025-INFRA-PB

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BAC CHAIRMAN
LGU-TABACO CITY

COPY NO. 1

REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
CONTRACT ID NO. 007-01-2025-INFRA-PB

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BAC CHAIRMAN
LGU-TABACO CITY

COPY NO. 2 - TECHNICAL COMPONENT

REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
CONTRACT ID NO. 007-01-2025-INFRA-PB

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BAC CHAIRMAN
LGU-TABACO CITY

COPY NO. 2 – FINANCIAL COMPONENT

REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
CONTRACT ID NO. 007-01-2025-INFRA-PB

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BAC CHAIRMAN
LGU-TABACO CITY

COPY NO. 2

REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
CONTRACT ID NO. 007-01-2025-INFRA-PB

DO NOT OPEN BEFORE FEBRUARY 17, 2025, 9:30AM

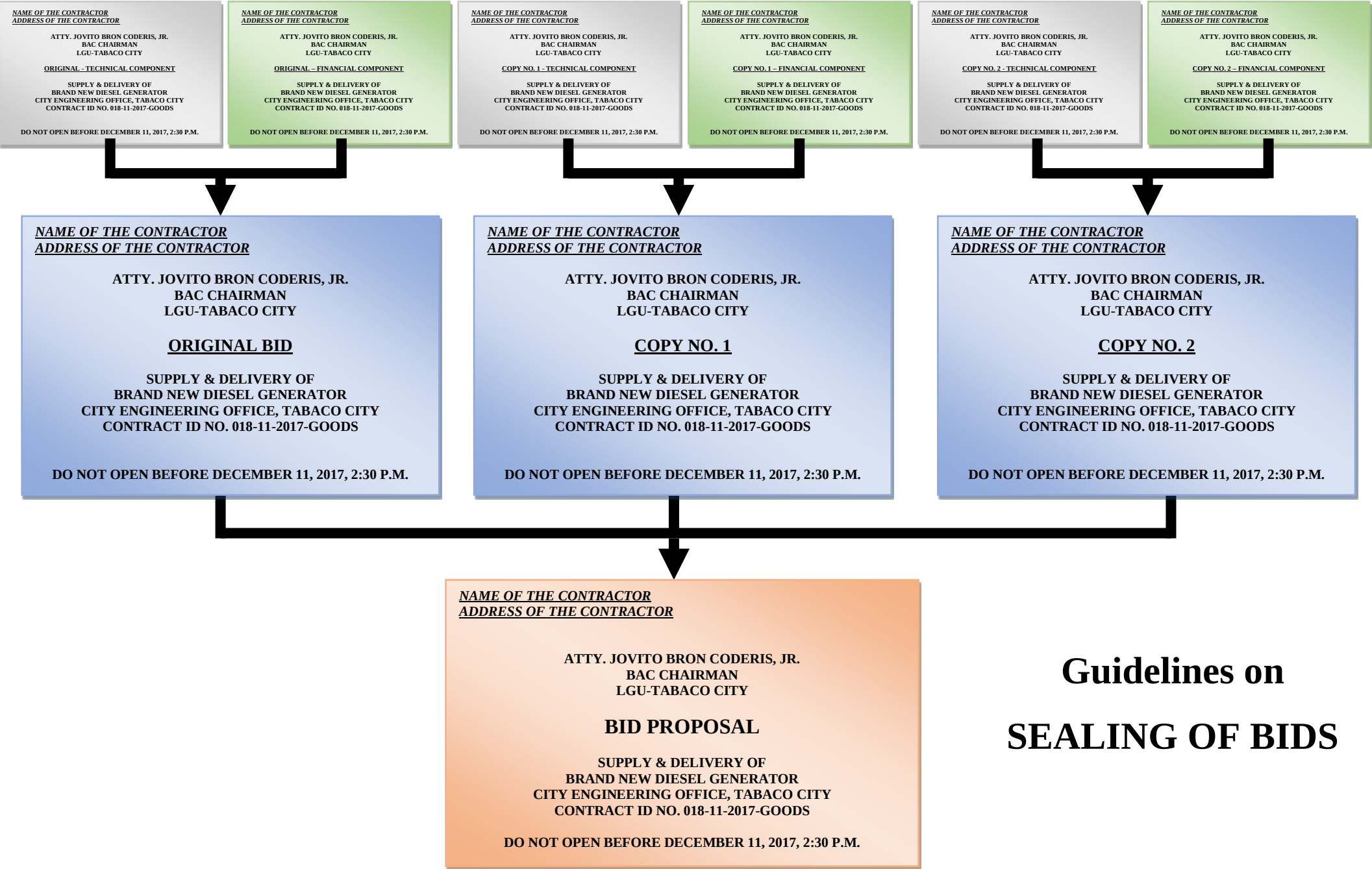
NAME OF THE CONTRACTOR
ADDRESS OF THE CONTRACTOR

ATTY. JOVITO BRON CODERIS, JR.
BAC CHAIRMAN
LGU-TABACO CITY

BID PROPOSAL

**REHABILITATION OF VARIOUS WATER SUPPLY SYSTEMS
VARIOUS BARANGAYS, TABACO CITY
CONTRACT ID NO. 007-01-2025-INFRA-PB**

DO NOT OPEN BEFORE FEBRUARY 17, 2025, 9:30AM



**Guidelines on
SEALING OF BIDS**

