

PHILIPPINE BIDDING DOCUMENTS



Construction of 1,056 Cubic Meters Panel Type Sectional Water Storage Tank

MANOLO FORTICH WATER DISTRICT

ITB # 2024-11-003

November 2024

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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
MANOLO FORTICH WATER DISTRICT
A. Ditona St., Tankulan, Manolo Fortich, Bukidnon

INVITATION TO BID
ITB # 2024-11-003

1. The Manolo Fortich Water District Office through the Corporate Operating Budget FY 2025 intends to apply the sums being the Approved Budget for the Contract (ABC) to payments under the contract for the following project with corresponding Contract Identification Numbers. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The Manolo Fortich Water District (MFWD) Bukidnon Office, Tankulan, Manolo Fortich, Bukidnon, through its Bids and Awards Committee (BAC), now invites bids for hereunder project:

Contract ID No.	: 2024-11-003
Contract Name	: Construction of 1,056 Cubic Meter Panel Type Sectional Water Storage Tank (Manolo Fortich Water District)
Location	: Menzi, Barangay Damilag, Manolo Fortich, Bukidnon
Scope of Work	: a) Design & Construction of Mat Foundation and Plinth Columns b) Design & Installation of 1,056 cu. m. Panel Type Sectional Water Storage Tank
Source of funds	: Corporate Operating Budget FY 2025
Appropriation	: PhP 27,437,128.01
Contract Duration	: 150 Calendar Days
Payment	: Multi-year Contract (Sixty (60) Months)
Y1 2025	: 14,287,897.16
Y2 2026	: 3,093,936.67
Y3 2027	: 3,093,936.67
Y4 2028	: 3,093,936.67
Y5 2029	: 3,093,936.67
Y6 2030	: 773,484.17
Cost of Bid Document	: Php 15,000.00

3. Prospective, Bidders should be registered with and classified by the Philippine Contractors Accreditation Board (PCAB) with PCAB License Category for Classification as stated above for each project. The description of an eligible bidder is contained in the Bidding Documents, particularly in Annex II-1.1B Section II and III of Bidding Documents.

Contractors/Applicants who wish to participate in this bidding are encouraged to enroll in the MFWD Civil Works Application (CWA) at the MFWD Procurement Service (PrS) 2nd Floor, MFWD Bldg., A. Ditona Street, Barangay Tankulan, Manolo Fortich, Bukidnon while those already enrolled shall keep their records current and updated.

The Contractor's eligibility to bid on the project will be evaluated and subject to further post-qualification. Information on registration can be obtained from the PrS during working weekdays from 9:00 am to 4:00 pm or email at mfwd_buk@yahoo.com.

4. 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.
5. Interested bidders may obtain further information from Bids and Awards Committee of MFWD Office and inspect the Bidding Documents at the MFWD Office, A. Ditona St., Barangay Tankulan, Manolo Fortich, Bukidnon during weekdays 9:00 am to 4:00 pm.
6. A complete set of Bidding Documents may be acquired by interested bidders on November 21, 2024 to December 12, 2024 but not later than 12:00 pm of the deadline from the address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount stated above.
7. It may also be downloaded free of charge from the MFWD website and the PhilGEPS website provided, that bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.
8. The MFWD Office will hold a Pre-Bid Conference¹ on November 27 at 2:00 p.m., Conference Room, MFWD, a. Ditona St., Tankulan, Manolo Fortich, Bukidnon which shall be open to prospective bidders.
9. Bid submission must be done manually.
10. Bids must be duly received by the BAC Secretariat at the address below for manual submission at the MFWD Office, A. Ditona St., Tankulan, Manolo Fortich, Bukidnon before 12:00 PM of December 12, 2024 including the receipt of payment.
11. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 15.
12. Bid opening shall be on December 12, 2024 at 2:00 PM at Board Room, MFWD Bldg., Tankulan, Manolo Fortich, Bukidnon. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
13. The MFWD Office 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.
14. For further information, please refer to:

¹ May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a pre-bid conference.

TWG : ENGR. JOAN N. CAÑETE
Address : MFWD Office
A. Ditona St. Tankulan, Manolo Fortich, Bukidnon
09067860180

BAC Secretariat Head: BOBBY GALON
Address : MFWD Office
A. Ditona St., Tankulan, Manolo Fortich, Bukidnon
Email address : mfwd_buk@yahoo.com

Approved by:

ENGR. ERMITO L. GANAS
BAC Chairperson
MFWD Office
A. Ditona St., Tankulan, Manolo Fortich, Bukidnon

Section II. Instructions to Bidders

- a. Bid Documents must be in A4 size bond paper, paginated and bounded in five copies, (one (1) original and four (4) photocopies);
- b. Attachment of certification of no. of pages & bidders must check those documents requiring signatures and notary such as Bid Securing Declaration, site inspection and key personnel;
- c. Bidders must ensure that documents submitted are not expired;
- d. Manolo Fortich Water District requires one (1) Project Engineer for the said project. No PEs shall be allowed to handle two (2) projects at the same time.
- e. For the equipment pledged to the contract, just pledge what is required & avoid attaching unnecessary documents
- f. Late bids are no longer accepted and are outright disqualified from participating the bidding.

1. Scope of Bid

The Procuring Entity, Manolo Fortich Water District invites Bids for the Construction of 1,056 Cubic Meter Panel Type Sectional Water Storage Tank (Manolo Fortich Water District) Menzi, Barangay Damilag, Manolo Fortich, Bukidnon with Project Identification Number 2024-11-003.

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 source of funding as indicated below for Corporate Operating Budget FY 2025-2030 in the amount of P 27,437,128.00 as scheduled below:

Year		Allocation
Y1 2025	:	14,287,897.16
Y2 2026	:	3,093,936.67
Y3 2027	:	3,093,936.67
Y4 2028	:	3,093,936.67
Y5 2029	:	3,093,936.67
Y6 2030	:	773,484.17
Total	:	27,437,128.00

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 Procuring Entity has prescribed that **Subcontracting is not allowed**

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address November 27, 2024 as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents Comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their

complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.

- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

11. Documents Comprising the Bid: Financial Component

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

12. Alternative Bids

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

13. Bid Prices

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

14. Bid and Payment Currencies

- 14.1. Bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 14.2. Payment of the contract price shall be made in Philippine Pesos.

15. Bid Security

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security shall be valid until April 11, 2025 and May 11, 2025, respectively. 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 (1) original copy and four (4) photocopies 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	<p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <p><i>Construction of GRP Type Sectional Water Storage Tank with minimum capacity of 500 cu.m</i></p>
7.1	<i>Not Applicable</i>
10.3	<p>Other Required Technical Documents:</p> <ol style="list-style-type: none"> 1. Notarized Manufacturer's Test Report to "Health Effect" on water quality that satisfied the criteria set out in BS 6920. 2. Notarized Manufacturer's Certificate that Glass Reinforced Plastic (Polyester) Panel used shall be in BS6920-1:2014 "Suitability of Non-Metallic and Products for use in Contact with Water Intended for Human Consumption with Regard to Their Effect on the Quality of the Water. 3. Notarized Manufacturer's Certificate that Raw Materials shall be GRP Sectional Water Tank and meets the requirement of SS245:2014, SS375:2015, ISO1461:2009 and AS/NZS 4020:2005. 4. Notarized Manufacturer's Certificate that GRP – Panel Type Sectional Water Storage Tank had passed a minimum 3000 hours and meets the requirement of MS 1390:2010 (Accelerated Weathering Test). 5. Manufacturer's Certificate - Quality Management System Standard ISO 9001:2015 6. Notarized Manufacturer's Distributorship Contract Agreement (Country of Origin) 7. Notarized Manufacturer's Certificate having at least thirty (30) years of experience – Country of Origin 8. Notarized Certificate from Distributor that had installed 2,500 cubic meter minimum of Glass Reinforced Plastic (Polyester) GRP - Panel Type Sectional Water Storage Tank 9. Notarized Certificate that GRP - Panel Type Sectional Water Storage Tank can stand seismic zone IV requirements 10. Notarized Distributor's Certificate of having similar project of GRP – Panel Type Sectional Storage Water Tank for the past five (5) years. 11. Notarized Manufacturer's Certificate issued indicating the year 2023 (year manufactured) and availability of the component materials for the next 20 year 12. Drawings: The drawing shall indicate measurements of the GRP – Panel Type Sectional Water Storage Tank (length, width, height), foundation and location of stub-outs. The drawing shall be used as basis for the civil works 13. Statement of Minimum Design Life 14. Products and Technical Brochures 15. Product Quality Standards 16. Tank Erection and Construction Guide 17. Certification of Conformity and Competence from the Manufacturer.

10.4	The key personnel must meet the required minimum years of experience set below. Please attached individual profile.		
	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>

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

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

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

4. The Contractor's Obligations

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

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

5. Performance Security

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

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

7. Warranty

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

8. Liability of the Contractor

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

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

9. Termination for Other Causes

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

10. Dayworks

Subject to the guidelines on Variation Order in Annex "E" of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the **SCC**, the Dayworks rates in the

Contractor's Bid shall be used for small additional amounts of work only when the Procuring Entity's Representative has given written instructions in advance for additional work to be paid for in that way.

11. Program of Work

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

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

12. Instructions, Inspections and Audits

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

13. Advance Payment

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

14. Progress Payments

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

15. Operating and Maintenance Manuals

15.1. If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals as specified in the **SCC**.

15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity's Representative's

approval, the Procuring Entity's Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause																									
2	<i>No further Instruction</i>																								
4.1	<i>Within One Hundred Fifty (150) Calendar days after receipt of Notice to Proceed</i>																								
6	The site investigation reports is: <i>a. Site Inspection Report</i>																								
7.2	Fifteen (15) years.																								
10	Dayworks are applicable at the rate shown in the Contractor’s original Bid.																								
13	The amount of the advance payment is 15% of the of the total contract price.																								
14	Below is the schedule of payments and may be disbursed in monthly basis: <table><tr><th>Year</th><th></th><th>Allocation</th></tr><tr><td>Y1 2025</td><td>:</td><td>14,287,897.16</td></tr><tr><td>Y2 2026</td><td>:</td><td>3,093,936.67</td></tr><tr><td>Y3 2027</td><td>:</td><td>3,093,936.67</td></tr><tr><td>Y4 2028</td><td>:</td><td>3,093,936.67</td></tr><tr><td>Y5 2029</td><td>:</td><td>3,093,936.67</td></tr><tr><td>Y6 2030</td><td>:</td><td>773,484.17</td></tr><tr><td>Total</td><td>:</td><td>27,437,128.01</td></tr></table>	Year		Allocation	Y1 2025	:	14,287,897.16	Y2 2026	:	3,093,936.67	Y3 2027	:	3,093,936.67	Y4 2028	:	3,093,936.67	Y5 2029	:	3,093,936.67	Y6 2030	:	773,484.17	Total	:	27,437,128.01
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Y5 2029	:	3,093,936.67																							
Y6 2030	:	773,484.17																							
Total	:	27,437,128.01																							
15.1	The date by which operating and maintenance manuals are required on the final Commissioning and Testing. The date by which “as built” drawings are required on the Final Commissioning and Testing.																								
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 1% of the Contract Price.																								

Section VI. Specifications

1. GENERAL

1.1 Scope of Work

1.1.1 Design and Construction of Mat Foundation and Plinth Columns for 1,056 cubic meter Panel Type Sectional Water Storage Tank.

1.1.1a Structural Concrete (Footing and Slab-on-fill) meet the required minimum compressive strength of 3,000 psi at 28 days.

1.1.1b Reinforcing Steel (Deformed) meet the required minimum yield strength of 40,000 pound per square inch (psi) and minimum tensile strength of 60,000

1.1.2 Design, Supply and Erect One (1) – 1,056 cubic meter Glass Reinforced Plastic (Polyester) – Panel Type Sectional Water Storage Tank, including tank cover, tank structure and appurtenances as shown on the Engineer's drawings, and described herein.

1.1.3 All labor, materials, plant, equipment and tools, as required for the construction of the storage tank shall be included.

1.2 Qualifications of Tank Supplier

1.2.1 The Bidder shall offer new tank structures as supplied from a Manufacturer specialized in the design, fabrication and erection of factory applied Glass Reinforced Plastic (Polyester) – Panel type sectional tank water storage systems. The Manufacturer shall own and operate its own production plant, fabricate and glass coat the tank panel sheet at one location so as to provide full quality control responsibility over product.

The Bidder shall provide Manufacturer's Certificate of Distributorship to ensure that the tank proposed came directly from the tank manufacturer and as a compliance to section 1.2.1.

1.2.2 The Manufacturer should have proven track record on the fabrication and manufacture of Glass Reinforced Plastic (Polyester) – Panel Type Sectional Water Storage Tank and should follow Quality Assurance procedure audited by a reputable third-party institution such as ISO and other international organization on the place of manufacturer.

ISO 9001:2000 Certificate shall be provided to ensure compliance to section 1.2.2.

1.3 Evaluation

- 1.3.1 The Engineer shall fully consider the lifetime cost implications of the diverse range of tank panel sheet coatings and finishes available and reserves the right to evaluate all bids based on an internationally approved lifetime cost analysis (e.g. ISO 15686).
- 1.3.2 As a minimum the Engineer shall consider such cost implications over a 30year operational period.
- 1.3.3 The Engineer will add all such costs, dependent upon the type of tank offered, to the Bidder's bid price to determine the effective low bid for purposes of making the award.

1.4 Submittal Drawings

- 1.4.1 Construction shall be governed by the Owner's plans and specifications showing general dimensions and construction details, after approval by the Engineer of submittal drawings prepared by the Manufacturer.
- 1.4.2 There shall be no deviation from these drawings and specifications except upon written order or approval from the Engineer.
- 1.4.3 Submittal drawings shall show as a minimum:
 - 1. Dimensions, color, description of materials and other pertinent information.
 - 2. Joint and foundation attachment details.
 - 3. Tank assembly (general arrangement drawing) with positions of appurtenances.
 - 4. Details of appurtenances.
 - 5. Roof details (if applicable).
- 1.4.4 The Bidder is required to furnish, for the review and approval by the Engineer, two sets of construction drawings for all work not shown in complete detail on the bidding drawings.
- 1.4.5 When approved, one set of drawings will be returned to the Bidder marked "APPROVED FOR CONSTRUCTION" and these drawings will then govern the scope of work detailed thereon. The approval by the Engineer of the tank supplier's drawings shall be on approval relating only to their general conformity with the bidding drawings and specifications and shall not guarantee detailed

dimensions and quantities, which remains the Bidder's responsibility.

2. DESIGN CRITERIA

2.1 Design Standards

- 2.1.1 Structures are to be engineered with a predicted minimum 30 year design life in accordance with the requirements of ISO 15686 Parts 1, 2 & 3 and incorporate the relevant international design standards giving consideration to the design loads specified in Section 2.3.

Tank manufacturer should provide Statement of minimum Design Life and minimum expected service life of the tank to be provided to ensure compliance to section 2.1.2.

2.2 Tank Size and Capacity

Barangay Damilag

Nominal Length:	11.00 x 11.00 meter maximum
Nominal Width:	12.00 meter maximum
Sidewall Height:	4.00 meter maximum
Gross Tank Capacity:	1,056.00 cubic meter
Net Tank Capacity (Usable):	924.00 cubic meter
Finished Foundation Elevations:	1.30 meter above NGL

2.3 Design Loads

Seismic Zone:	4
Specific Gravity of Tank Contents:	1

2.4 Tank Accessories

- 2.4.1 Two (2) – GRP hot pressed panel, 610mm Manhole Clearance
- 2.4.2 Two (2) – Stainless Steel (SS304) Internal Access Ladder
- 2.4.3 Two (2) – Hot Dipped Galvanized External Access Ladder
- 2.4.4 Two (2) – 200mm. Diameter Galvanized Overflow Hot Dip Galvanized Flange Connection
- 2.4.5 Two (2) – 250mm. Diameter Galvanized Supply Hot Dip Galvanized Wall Flange Connection
- 2.4.6 Two (2) – 200mm. Diameter Galvanized Drain Hot Dip Galvanized Wall Flange Connection
- 2.4.7 Two (2) – 150mm. Diameter Galvanized Equalizing Hot Dip Galvanized Wall Flange Connection

- 2.4.8 Two (2) – 150mm. Diameter Galvanized Outlet Hot Dip Galvanized Wall Flange Connect
- 2.4.9 Two (2) – ABS 50mm. Diameter GRP Fresh Air Roof Vent
- 2.4.10 One (1) - GRP Panel Inside Partition
- 2.4.11 Two (2) – Mechanical/Cat and Mouse type with aluminum channel float water level indicator.
- 2.4.12 External support – Hot dipped galvanized (HDG) I-beam
- 2.4.13 Skid base – Main Beam: HDG I-beam, Sub beam: HDG channel
- 2.4.14 Tie Rod – Stainless steel (SS304)
- 2.4.15 Bolts, nuts and washer – External: HDG, Internal: SS304
- 2.4.16 Body angle – HDG body angle
- 2.4.17 Flat Angle – HDG flat angle
- 2.4.18 Thickness of the panel – minimum of 6mm and maximum of 14.5mm

3. MATERIALS

3.1 GRP Panels

- 3.1.1 Panels sheet used in the construction of the tank, wall, floor and roofs, shall comply with the minimum standards of ISO 22856:2021 Section 2.1.1. Such panel shall be produced by accredited plant and shall be sourced from reputable International GRP panel mills.
- 3.1.2 Raw materials delivered to the Manufacturer's plant shall be tested/inspected to ensure compliance with the Manufacturer's requirements for strength.
- 3.1.3 Test Certificates issued and conducted by third party reputable international organization shall be available for the Engineers inspection if required. Such Certificates shall be requested before the time of issue of the Purchase Order.

4. GLASS COATING

In cases where both the inside and outside surfaces of the GRP panel are in contact with the stored liquid both surfaces shall be treated as the inside surface for the purposes of this specification.

4.1 Coating Standards

- 4.1.1 GRP fiberglass coating is an abbreviated term for 'Glass Reinforced Plastic coating, panel are coated with a resin layer and then a surface veil. That this combination gives excellent corrosion resistance,

chemical resistance, high strength, size stability and electric nonconductivity.

4.2 Surface Preparation

- 4.2.1 Panel sheets shall be finished off with a Gray color, for use with water up to 85 degrees centigrade on both sides to have sun protection against the penetration of sunlight that could promote growth of algae and other microorganism.

4.3 Cleaning

- 4.3.1 Immediately after installation, all panel sheets shall be thoroughly cleaned by an alkali wash.
- 4.3.2 Following the alkali wash all sheets shall be rinsed in hot water containing a nitrite based rust inhibitor.
- 4.3.3 The rust inhibition process shall be followed by heat drying to ensure the sheets are clean and dry ready to be use.

4.4 Coating

- 4.4.1 All GRP panel sheets that do not meet the required coating specification, in accordance with the Manufacturer's specified parameters, shall be rejected at this point.
- 4.4.2 All GRP panel sheets shall be heat dried to ensure that a moisture free surface has been achieved before using.
- 4.4.3 The coated GRP panel sheets shall be visually inspected and have defects shall be rejected at this point.

4.5 Inspection

- 4.5.1 Inspection procedures shall be carried out within the Manufacturer's plant under ISO 9001:2000 Quality Management System.
- 4.5.2 Tank panel having a glass thickness outside of these ranges shall be rejected.
- 4.5.3 The outside surface of all tank panel shall be inspected visually under good daylight (or equivalent lighting) for defects in the glass coating.
- 4.5.4 Any tank panel having visible defects larger than 1mm shall be rejected. Any tank panel having more than three visible defects per m² of the total tank panel area shall be rejected.

- 4.5.5 Any visible defects on the outside surface of accepted tank panel shall be replaced as approved by the Manufacturer for this purpose and applied according to Manufacturer s instructions.
- 4.5.6 Inspection shall be carried out on every tank panel and any panel having any discontinuities shall be rejected.
- 4.5.7 No factory touch-ups or repairs shall be permitted on any inside surface discontinuity found during inspection.
- 4.5.8 Only finished tank panel with zero glass continuity defects on the inside surfaces shall be released for packing.
- 4.5.9 An owner's representative may be present during these inspection procedures at their own cost.

4.6 Packing

- 4.6.1 All finished tank panel shall be handled within the manufacturing plant using magnetic or suction pads.
- 4.6.2 All approved tank panel shall be protected from damage prior to packing for shipment.
- 4.6.3 All tank panel shall be packed with a suitable membrane between the panel.
- 4.6.4 Individual stacks of tank panel shall be wrapped in a specified heavy-duty plastic and steel banded to special pallets built to the specified sizes of the tank panel where necessary. This procedure eliminates contact movement of finished tank panel during shipment.
- 4.6.5 Transportation of finished products shall be by dedicated transporter.

5. ERECTION

- 5.1 Field erection of the Glass Reinforced Plastic (Polyester) – Panel type sectional water storage tank shall be in accordance with the procedures outlined in the Manufacturer's Construction Guide and performed by an Authorized Distributor of the tank Manufacturer, regularly engaged in erection of these tanks or a suitably qualified specialist sub contract builder under the control and supervision of the Authorized Distributor.

Bidder should submit Tank Erection and Construction Guide issued by Tank Manufacturer.

6. FIELD TESTING

6.1 Leak Test

- 6.1.1 Following completion of erection, low voltage electrical testing and cleaning of the tank, (and making due allowance for the full curing of the sealants) the structure shall be tested for liquid tightness by filling to its overflow elevation for a 24-hour period.
- 6.1.2 Any leaks disclosed by this testing shall be corrected by the erector in accordance with the Manufacturer's recommendations.
- 6.1.3 Water required for testing shall be furnished by the Owner at the time of tank erection completion and at no charge to the Authorized Tank Distributor. Disposal of test water shall be the responsibility of the Owner.
- 6.1.4 Manpower and equipment necessary for tank testing shall be included in the price of the tank. Upon satisfactory completion of the 24hrs hydraulic leak test the Engineer shall sign the Manufacturer's Certificate of Satisfaction issued by the Authorized Tank Distributor.**

7. Other Requirements

- 7.1 Drawings: The drawing shall indicate measurements of the GRP – Panel Type Sectional Water Storage Tank (length, width, height), foundation and location of stub-outs. The drawing shall be used as basis for the civil works
- 7.2 Statement of Minimum Design Life
- 7.3 Products and Technical Brochures
- 7.4 Product Quality Standards
- 7.5 Tank Erection and Construction Guide

8. ONE YEAR WARRANTY

- 8.1 If, within twelve calendar months from the date of delivery of the tank, or any part thereof, shall prove to be defective by reason of poor design, materials or manufacture upon examination by the MFWD with Authorized Distributor, the Manufacturer will supply an identical or similar replacement part or at its own option will repair the part.

9. INSPECTION AND MAINTENANCE

- 9.1 Inspection and Maintenance should be in accordance with the Manufacturer's Inspection and Maintenance Manual.

Conformed:

Name of Bidder and Signature

Date

Note: Kindly affix signature on every page of 'Section VI: Specifications' to conform the item stated.

Section VII. Drawings

(See Annex A)

Section VIII. Bill of Quantities

BILL OF QUANTITIES

Contract ID No.	:	
Contract Name	:	Design & Construction of 1,056 Cubic Meter Panel Type Sectional Water Storage Tank (Manolo Fortich Water District)
Location	:	Menzi, Barangay Damilag, Manolo Fortich, Bukidnon

PAY ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT COST (Php)	TOTAL COST (Php)
PART A	GENERAL REQUIREMENTS				
				In words: _____ In Figures: _____	In words: _____ In Figures: _____
				In words: _____ In Figures: _____	In words: _____ In Figures: _____

Submitted by:

Name of Bidder and Signature

Date

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) in accordance with Section 8.5.2 of the IRR;

Technical Documents

- ☐ (e) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- ☐ (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**
- ☐ (g) Special PCAB License in case of Joint Ventures **and** registration for the type and cost of the contract to be bid; **and**

Other Requirements:

- (h) Notarized Manufacturer’s Test Report to “Health Effect” on water quality that satisfied the criteria set out in BS 6920.
- (i) Notarized Manufacturer’s Certificate that Glass Reinforced Plastic (Polyester) Panel used shall be in BS6920-1:2014 “Suitability of Non-Metallic and Products for use in Contact with Water Intended for Human Consumption with Regard to Their Effect on the Quality of the Water.
- (j) Notarized Manufacturer’s Certificate that Raw Materials shall be GRP Sectional Water Tank and meets the requirement of SS245:2014, SS375:2015, ISO1461:2009 and AS/NZS 4020:2005.
- (k) Notarized Manufacturer’s Certificate that GRP – Panel Type Sectional Water Storage Tank had passed a minimum 3000 hours and meets the requirement of MS 1390:2010 (Accelerated Weathering Test).
- (l) Manufacturer’s Certificate - Quality Management System Standard ISO 9001:2015
- (m) Notarized Manufacturer’s Distributorship Contract Agreement (Country of Origin)
- (n) Notarized Manufacturer’s Certificate having at least thirty (30) years of experience – Country of Origin
- (o) Notarized Certificate from Distributor that had installed 2,500 cubic meter minimum of Glass Reinforced Plastic (Polyester) GRP - Panel Type Sectional Water Storage Tank
- (p) Notarized Certificate that GRP - Panel Type Sectional Water Storage Tank can stand seismic zone IV requirements
- (q) Notarized Distributor’s Certificate of having similar project of GRP – Panel Type Sectional Storage Water Tank for the past five (5) years.
- (r) Notarized Manufacturer’s Certificate issued indicating the year 2023 (year manufactured) and availability of the component materials for the next 20 year

- (s) Drawings: The drawing shall indicate measurements of the GRP – Panel Type Sectional Water Storage Tank (length, width, height), foundation and location of stub-outs. The drawing shall be used as basis for the civil works
- (t) Statement of Minimum Design Life
- (u) Products and Technical Brochures
- (v) Product Quality Standards
- (w) Tank Erection and Construction Guide
- (x) Certification of Conformity and Competence from the Manufacturer
- ☐ (y) 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**
- (z) 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**
- ☐ (aa) 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

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

Class "B" Documents

- ☐ (cc) 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

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

Other documentary requirements under RA No. 9184

- ☐ (ee) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- ☐ (ff) 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**

☐ (gg) Cash Flow by Quarter.

Submitted by:

Name of Bidder and Signature

Date