



# Baliwag Water District

ISO 9001:2015 Certified

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## **BID BULLETIN NO. 1**

### **Invitation to Bid for Design, Supply and Installation of 500 m<sup>3</sup> effective volume capacity with 300 mm free board Glass-Fused or Epoxy-Coated to Steel Bolted Tank (Sealant Type) with Booster Pumps and Piping Works**

This Bulletin No. 1 is being issued to amend the following:

1. **Revision on page 86 – Replacement of Photo (See attached photo)**
2. **Revision of Bill of Quantities (page 92-94) particularly on the part of Foreign Component (See attached Bill of Quantities)**

For information and guidance of all concerned.

By:

  
**ROBERTO G. ESTRELLA**  
BAC Chairman



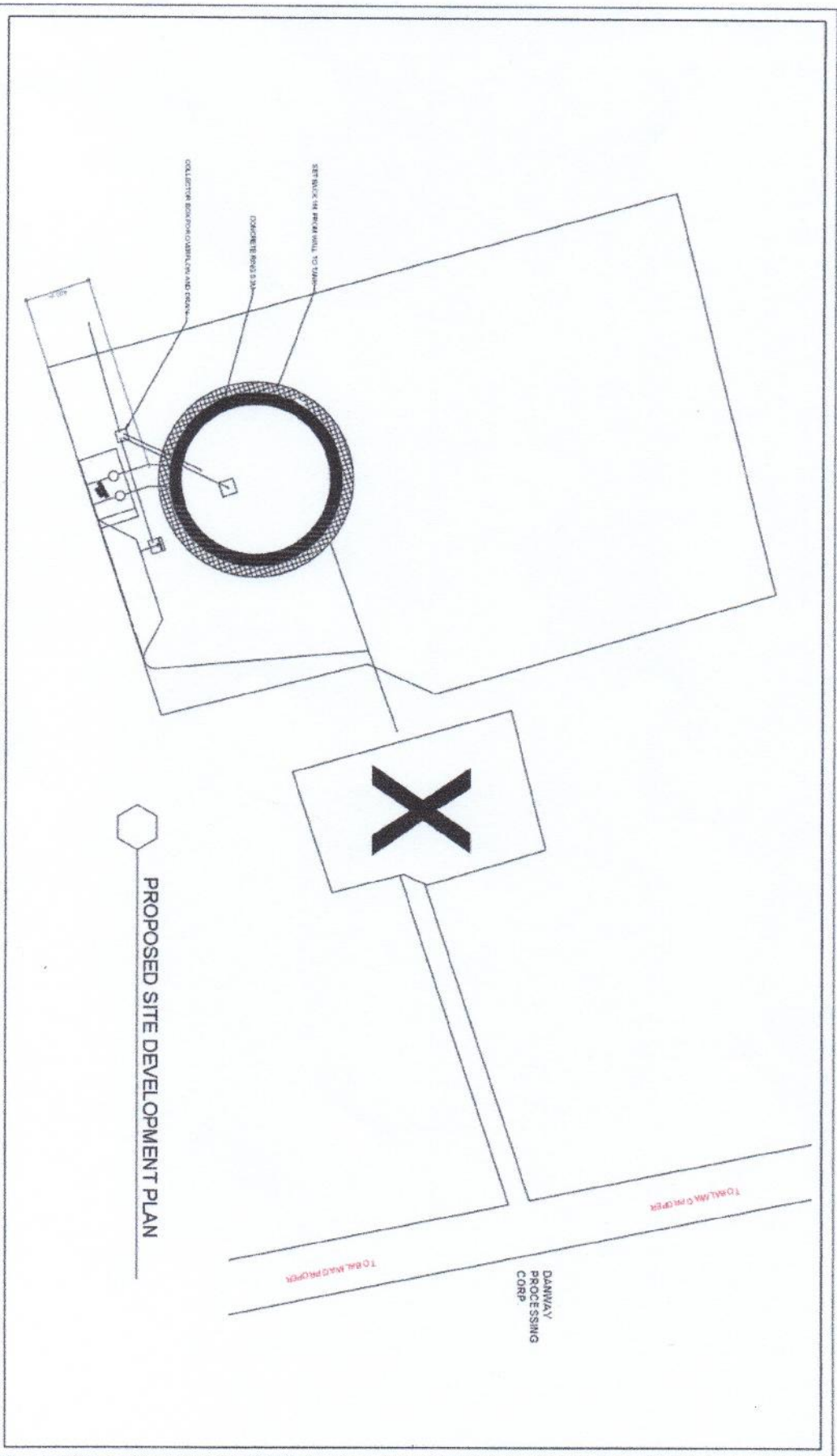
**Baitwag Water District**  
 Director: Marking Chang  
 Tel. No.: (848) 318-0238

**PROPOSED SITE DEVELOPMENT PLAN**  
 SUPPLY AND INSTALLATION OF SPECIAL PURPOSE CONCRETE PIPE AND MANHOLE CULVERTS FOR THE PROPOSED SITE DEVELOPMENT PLAN. THE PROPOSED SITE DEVELOPMENT PLAN IS SUBJECT TO THE APPROVAL OF THE DISTRICT ENGINEER AND THE DISTRICT BOARD OF DIRECTORS.

Sheet No.: 1 / 5  
 Date: September 23, 2020

Drawn By: **Janine C. Ramos**  
 Checked and Certified Correct By: **Daniel F. Torres**  
Dist. Planning Division

Recommending Approval: **Roberto G. Estrella**  
 Approved By: **Artemio F. Boyosis**  
Chief Engineer



PROPOSED SITE DEVELOPMENT PLAN

**DESIGN, SUPPLY AND INSTALLATION OF 500 CU.M. EFFECTIVE VOLUME CAPACITY WITH  
300 MM FREEBOARD GLASS FUSED / EPOXY COATED TO  
STEEL BOLTED TANK (SEALANT TYPE) WITH BOOSTER PUMP AND PIPING WORKS**

Location: Brgy. San Roque, Baliwag, Bulacan

ITEM / WORK DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT
<b>A FOREIGN COMPONENT</b>  1 unit - nominal sidewall factory coated carbon steel water storage tank with concrete bottom Diameter: 12.8 meters Height: 4.08 meters Freeboard: 0.30 meters  <p align="right"><b>Sub-Total A</b></p>	1	LS		
<b>B LOCAL COMPONENT</b>				
<b>B.1 GENERAL REQUIREMENTS</b>				
B.1.a All Permits and Clearances	1	LS		
B.1.b Detailed Engineering Design and Drawing (Construction Drawing, As built plan, O&M Manual, Close out document etc.)	1	LS		
B.1.c Mobilization / Demobilization	1	LS		
B.1.D Soil Test	1	LS		
<b>B.2 TANK FOUNDATION CONSTRUCTION AND CIVIL WORKS</b>				
B.2.a Site preparation, excavation works, sub-base improvement, earth filling works and compaction	1	LS		
B.2.b Form works, gravel bed and sand bed	1	LS		
B.2.c Concrete Works	1	LS		
B.2.d Steel Works	1	LS		
B.2.e Roofing Works		LS		



B.2.F	Waterproofing	1	LS		
<b>B.3</b>	<b>TANK ERECTION/INSTALLATION</b>				
B.3.a	Unloading of tank materials at project site	1	LS		
B.3.b	Tank Erection/Installation	1	LS		
<b>B.4</b>	<b>TESTING AND COMMISSIONING</b>				
B.4.a	Leak Test (Tank and Roof)	1	LS		
B.4.b	Tank Disinfection	1	LS		
B.2.c	Testing and Commissioning	1	LS		
	<b>Sub-Total B</b>				
<b>C.</b>	<p><b><u>2 X 15 HP VERTICAL MULTI-STAGE CENTRIFUGAL IN-LINE PUMPS WITH MOTOR CONTROL AND ACCESSORIES</u></b></p> <p><b>Minimum Technical Data Required</b></p> <p>Q= 45 cu.m/hr @ 55 meters head</p> <p>Motor</p> <ul style="list-style-type: none"> <li>- Squirrel cage in short circuit, aluminum casing totally enclosed, fan cooled</li> <li>- 15 HP, 11 KW, 220-255 V, 2 Pole 3 Phase</li> <li>- Enclosure Class IP 55</li> <li>- Insulation Class F</li> </ul> <p>Motor control for each motor: One variable frequency drive, one soft starter enclosed with a Nema 3m enclosure</p>	1	LS		
	<b>Sub-Total C</b>				

D.	<p><b>PIPING WORKS</b></p> <p>Fabrication and installation of inlet pipe, overflow pipe and outlet pipe including butterfly valve, fittings. painting, drain pipe with manhole and drainage line (Neltex)</p> <p>Materials and Fittings:</p> <p>7 pcs 150mm Ø GI Pipe Sch. 40(hot dipped galvanized after fabrication)</p> <p>1 pc P.E. Pipe 150mm Ø SDR 13.6</p> <p>2 pcs 150mm Ø GI 90deg. Elbow Weldable (Overflow)</p> <p>4 pcs 150mm Ø GI 90deg. Elbow Weldable (Inlet)</p> <p>2 pcs 150mm Ø Vibration Isolator</p> <p>1 pc 150mm Ø Transition Coupling</p> <p>12 pcs 150mm Ø Steel Ring Flange w/ BNG</p> <p>2 pcs 150mm Ø GI 45deg. Elbow Weldable</p> <p>2 pcs 150mm Ø Butterfly Valve</p> <p>2 pcs Check Valve - Wafer Type 75 mm Ø</p> <p>1 pc 200 mm Ø x 150mm Ø Concentric Reducer</p> <p>2 pcs 150mm Ø GI 45deg. Elbow M/M</p> <p>1 pc 150mm Ø Gate Valve with BNG</p>	1	LS		
		<b>Sub-Total D</b>			
<b>GRAND TOTAL (A+B+C+D)</b>				Php	
<p><b>AMOUNT IN WORDS:</b></p> <p>_____</p> <p>_____</p>					