



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 8812181  
**Procuring Entity** MANAOAG WATER DISTRICT  
**Title** DESIGN AND SUPPLY OF LABOR AND MATERIALS FOR THE CONSTRUCTION OF 100,000 GALLONS (380 CUBIC METERS) GLASS FUSED TO STEEL BOLTED RESERVOIR WITH COMPLETE APPURTENANCES AND TANK FITTINGS/ACCESSORIES, ELE  
**Area of Delivery** Pangasinan

<b>Solicitation Number:</b>	prs#9862	<b>Status</b>	<b>Closed</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	1
<b>Procurement Mode:</b>	Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b>	Goods	<b>Document Request List</b>	7
<b>Category:</b>	Construction Projects	<b>Date Published</b>	07/07/2022
<b>Approved Budget for the Contract:</b>	PHP 12,500,000.00	<b>Last Updated / Time</b>	07/07/2022 00:00 AM
<b>Delivery Period:</b>	120 Day/s	<b>Closing Date / Time</b>	14/07/2022 11:00 AM
<b>Client Agency:</b>			
<b>Contact Person:</b>	Marlene Constanca Manaois Bac Chairperson Aquino St. Manaoag Pangasinan Philippines 2430 63-075-09209766271  marcons_manaois@yahoo.com.ph		

#### Description

DESIGN AND SUPPLY OF LABOR AND MATERIALS FOR THE CONSTRUCTION OF 100,000 GALLONS (380 CUBIC METERS) GLASS FUSED TO STEEL BOLTED RESERVOIR WITH COMPLETE APPURTENANCES AND TANK FITTINGS/ACCESSORIES, ELECTRO-MECHANICAL EQUIPMENT, CONSTANT PRESSURE SYSTEM, CONTROL ROOM AND PIPELAYING OF TRANSMISSION PIPELINES AT BRGY. PUGARO, MANAOAG, PANGASINAN

Item No. Description Unit Quantity

#### A PRELIMINARIES

A.1 Complete Plans (Sign and Sealed) LS 1.00

Architectural

Mechanical

Structural (Design Analysis)

Electrical (with Load Analysis)

Others

A2 Permits LS 1.00

Excavation Permit

Building Permit

Electrical Permit

Mechanical

Others

A.3 Soil Test LS 1.00

A.4 Mobilization LS 1.00

A.5 Site Preparation LS 1.00

A.6 Other Requirement LS 1.00

Billboards/Warning Signs/etc.

TOTAL A

#### B GLASS FUSED TO STEEL RESERVOIR (8.20m DIAMETER) / RINGWALL FOUNDATION / ACCESSORIES

B.1 Structural Foundation (min. 2500psi) / Concrete Works LS 1.00

Ring wall Foundation

Concrete Flooring

B.2 Subgrade Preparation LS 1.00

B.3 Forms and Scaffoldings LS 1.00

B.4 Excavation and Earthworks LS 1.00  
 B.5 Load Bearing Backfill LS 1.00  
 B.6 Sand Cushion LS 1.00  
 B.7 Glass Fused to Steel Bolted Reservoir Assembly (380 Cu. M Capacity) LS 1.00  
 Shell Plates  
 Roofing Plates  
 Bottom Plates  
 Tank Accessories  
 Ladder (Outside/Inside)  
 Vent with Screen  
 Roof Access Manhole  
 Anchor Bolts  
 Gauge Board  
 Intake Pipe  
 Outlet Pipe  
 Overflow Pipe with Flap Cover and Screen  
 Concrete Flush Box  
 Others

B.10 Liquid Sensor Relay EA 1.00  
 B.11 Piping Works and Valving System LS 1.00  
 TOTAL B

**C ELECTRO-MECHANICAL EQUIPMENT/CONTROL PRESSURE SYSTEM**

C.1 Automatic Transfer Switch 30HP, 3ph, 230V EA 1.00  
 C.2 Disinfection Facility 230VAC LS 1.00  
 C.3 Intake and Discharge Line Assembly 6" dia. EA 1.00  
 TOTAL C

**D CONTROL ROOM (FA=16 sqm)**

D.1 Earthworks LS 1.00  
 D.2 Structural Works LS 1.00  
 D.3 Masonry/Concrete Works LS 1.00  
 D.4 Painting Works LS 1.00  
 D.5 Electrical Works LS 1.00  
 D.6 Other Items LS 1.00  
 Doors  
 Vent Blocks  
 TOTAL D

**E TRANSMISSION PIPELINES/ APPURTENANCES / INTERCONNECTION**

E.1 100mm (4") uPVC Pipes Series 8 Mechanical Seal (machine installed Integrated Seal of EPDM Rubber with metal reinforcement); conform to requirements of the Philippine National Standard Specifications for Unplasticized Polyvinyl Chloride (uPVC) pipes for Potable Water Supply (PNS 65 – Technical Standard Specification) and approved by the Bureau of Product Standards (BPS) LM 1,620.00  
 E.2 150mm (6") uPVC Pipes Series 8 Mechanical Seal (machine installed Integrated Seal of EPDM Rubber with metal reinforcement); conform to requirements of the Philippine National Standard Specifications for Unplasticized Polyvinyl Chloride (uPVC) pipes for Potable Water Supply (PNS 65 – Technical Standard Specification) and approved by the Bureau of Product Standards (BPS) LM 300.00  
 E.3 100mm (4") B.I. Pipe, Schedule 40 STD (For Culvert / Bridge Crossing) LM 90.00  
 E.4 Valves and Fittings LS 1.00  
 Ductile Iron / Cast Iron with PN16 – PN25 Pressure Rating, Industrial Grade  
 E.5 Blow-off Valve 50mm EA 2.00  
 E.6 Air Release Valve 50mm EA 2.00  
 E.7 Guard Rails EA 4.00  
 E.8 Concrete Pavement Demolition LS 1.00  
 E.9 Concrete Surface Restoration LS 1.00  
 E.10 Sand Bedding LS 1.00  
 TOTAL E LS 1.00

**F LABOR**

F.1 Excavation and Backfilling LS 1.00  
 Tank Foundation  
 Pipe Trenches  
 Control Room Foundation  
 F.2 Control Room Construction LS 1.00  
 F.3 Pipe Laying and Complete Interconnection LM 2,010.00  
 F.4 Discharge Line Assembly LS 1.00  
 F.5 Painting LS 1.00  
 TOTAL F

**G WATER TREATMENT / HYDROTEST / LEAK TEST, ETC**

G.1 Electric Holiday Test LS 1.00  
 G.2 24-Hr Tank Hydraulic Leak Test LS 1.00  
 G.3 Laboratory Analysis of Raw and Treated Water LS 1.00  
 G.4 Pipe Disinfection LS 1.00  
 G.5 Pipe Hydrotest: 120psi / 24hrs LS 1.00  
 TOTAL G

**H DEMOBILIZATION/ SITE CLEANUP/ DISPOSAL OF EXCESS MATERIALS**

H.1 Demobilization / Site Clean Up/ Disposal of Excess Materials LS 1.00  
 TOTAL G

**Pre-bid Conference**

Date	Time	Venue
11/07/2022	2:00:00 PM	MANAOAG WATER DISTRICT OFFICE

**Created by** Cecilia Mata Pinpin  
**Date Created** 06/07/2022

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