



REPUBLIC OF THE PHILIPPINES
CALUMPIT WATER DISTRICT
BIDS AND AWARDS COMMITTEE
CSD Ofc., CWD Bldg., M. Serrano St., Corazon, Calumpit, Bulacan
Tel. Nos. 044- 913 0079/ Telefax: 202 5125

INVITATION TO BID FOR THE DESIGN, SUPPLY & CONSTRUCTION OF ONE (1) MODULAR GLASS FUSED TO STEEL BOLTED TANK WITH A NET CAPACITY OF 500 CUBIC METER; COMPLETE WITH BOOSTER PUMPS, MOTOR CONTROLLERS, PIPES, FITTINGS REQUIRED VALVES & CIRCUMFERENTIAL DRAINAGE CANAL (GROUND RESERVOIR OF GATBUCA PUMPING STATION)

The *Calumpit Water District*, through the *Internal Cash Generation* intends to apply the sum of *Ten Million Pesos (Php 10, 000, 000. 00)* being the Approved Budget for the Contract (ABC) to payments under the contract for the **DESIGN, SUPPLY & CONSTRUCTION OF ONE (1) MODULAR GLASS FUSED TO STEEL BOLTED TANK WITH A NET CAPACITY OF 500 CUBIC METER; COMPLETE WITH BOOSTER PUMPS, MOTOR CONTROLLERS, PIPES, FITTINGS, REQUIRED VALVES & CIRCUMFERENTIAL DRAINAGE CANAL (GROUND RESERVOIR OF GATBUCA PUMPING STATION)** *Contract No. 2018-001*. Bids received in excess of the ABC shall be automatically rejected at bid opening.

1. The *Calumpit Water District* now invites bids for **the DESIGN, SUPPLY & CONSTRUCTION OF ONE (1) MODULAR GLASS FUSED TO STEEL BOLTED TANK WITH A NET CAPACITY OF 500 CUBIC METER; COMPLETE WITH BOOSTER PUMPS, MOTOR CONTROLLERS, PIPES, FITTINGS, REQUIRED VALVES & CIRCUMFERENTIAL DRAINAGE CANAL (GROUND RESERVOIR OF GATBUCA PUMPING STATION)**. Bidders should have completed, within five (5) years from the date of submission and receipt of bids, 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.
2. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.
3. Bidding is open to all interested bidders, whether local or foreign, subject to the conditions for eligibility provided in the IRR of RA 9184.
4. Interested bidders may obtain further information from *Calumpit Water District* and inspect the Bidding Documents at the address given below during **8:00 A.M. - 5:00 P.M.**
5. A complete set of Bidding Documents may be acquired by interested Bidders on **January 08 to 25, 2018** 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 of Ten Thousand Pesos (Php 10, 000.00)**

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.
6. The *Calumpit Water District* will hold a **Pre-Bid Conference** on **January 15, 2018, 2:00P.M.** at **the Boardroom, 3rd Floor CWD Bldg., M. Serrano St., Brgy. Corazon, Calumpit, Bulacan**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat at the address below on or before **January 25, 2018 @ 2:00 P.M.** All Bids must be accompanied by a Bid Security in any of the acceptable forms and in the amount stated in **ITB** Clause 18
8. Bid opening shall be on **January 25, 2018 @ 2:00P.M.** at **the Boardroom, 3rd Floor CWD Office Bldg., M. Serrano St., Brgy. Corazon, Calumpit, Bulacan**. Bids will be opened in the presence of the bidders’ representatives who choose to attend at the address below. Late bids shall not be accepted.
9. The *Calumpit Water District* 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 Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.
10. For further information, please refer to:

Ethelwolda P. Orfiano
BAC Secretariat Head
CWD Bldg., M. Serrano St., Brgy. Corazon
Calumpit, Bulacan
Telephone No. 0913 0079/ 0925 301 3612
Fax No. 044 913 0079
Email address: calumpitwdbac@gmail.com

Emely E. Echevarria
BAC Chairperson

**EARLIEST POSSIBLE TIME AND MAXIMUM PERIOD ALLOWED FOR THE:
DESIGN, SUPPLY & CONSTRUCTION OF ONE (1) MODULAR GLASS FUSED TO
STEEL BOLTED TANK WITH A NET CAPACITY OF 500 CUBIC METERS; COMPLETE
WITH BOOSTER PUMPS, MOTOR CONTROLLERS, PIPES, FITTINGS, REQUIRED
VALVES & CIRCUMFERENTIAL DRAINAGE CANAL (GROUND RESERVOIR OF
GATBUCA PUMPING STATION)**

PR # 2017-11-013

| Stage | Section | Procurement Activities | Minimum Calendar Days Recommended for Activity | Operational Timeline | Conditions/ Remarks |
|-------------------|----------------|---|---|-----------------------------|---|
| 1 | 20 | Pre-Procurement Conference | 1 CD December 27, 2017 | Day 0 | Optional for ABC of 2M and below |
| 2 | 21.2.1 | Advertisement/ Posting of Invitation to Bid | 7CDs January 06 to 14, 2018 | Days 1 to 7 | Start availability of Bidding Documents |
| 3 | 22.2 | Pre-Bid Conference | 1CD January 15, 2018 @ 2:00 P.M. | Day 8 | •Optional for ABC below 1M •Not Earlier tha 7 CDs from Advertisement/ Posting •12 CDs before Deadline of Submission and Receipt of Bids |
| 4 | 25.5 | Deadline of Submission and Receipt of Bids/ Bid Opening | 1CD January 25, 2018 2:00 P.M. | Day 20 | Last day of Availability of Bidding |
| 5 | 32.4 | Bid Evaluation | 1CD January 26, 2018 | Day 21 | |
| 6 | 34.8 | Post-Qualification | 2CDs January 27 , 2018 | Day 22 to 23 | The bidder must submit all Post-Qualification Requirements w/in 5 CDs from receipt of notice as bidder with LCB in accordance with Sec 34.2 |
| 7 | 37.1.2 | Approval of Resolution/ Issuance of Notice of Award | 1CD January 30, 2018 | Day 24 | |
| 8 | 37.2.1 | Contract Preparation and Signing | 1CD January 31, 2018 | Day 25 | |
| 9 | 37.3 | Approval of contract by higher authority | 1CD February 01, 2018 | | If necessary |
| 10 | 37.4.1 | Issuance of Notice to Proceed | 1CD February 02, 2018 | Day 26 | |
| TOTAL TIME | | | 30cd | 26CDs | |

NOTE: January 23, 2018 is Malolos Congress Day (local holiday).

Entity Name: CALUMPIT WATER DISTRICT

Fund Cluster:

| Office/Section : Engineering & Operations Dept. | | PR No.: | Date: Nov. 7, 2017 | | |
|--|------|---|--------------------|-------------------------|---------------|
| | | Responsibility Center Code : | | | |
| Stock/ Property No. | Unit | Item Description | Quantity | Unit Cost | Total Cost |
| | lot | DESIGN, SUPPLY AND CONSTRUCTION OF ONE (1) MODULAR GLASS FUSED TO STEEL BOLTED TANK WITH A NET CAPACITY OF 500 CUBIC METER COMPLETE WITH BOOSTER PUMPS, MOTOR CONTROLLERS, PIPES, FITTINGS, REQUIRED VALVES AND CIRCUMFERENTIAL DRAINAGE CANAL | 1 | 10,000,000.00 | 10,000,000.00 |
| | | I. TANK SPECIFICATIONS : | | | |
| | | I.1. Tank Design | | | |
| | | 1. The tank must be designed for a specific gravity of SG 1.0 suitable for seismic zone 4 and a maximum wind speed of 125 mph | | | |
| | | 2. The tank structures should have a predictive minimum 30 year design life in accordance with the requirements of ISO 15686 Part 1,2&3 and incorporate the relevant international design standards. | | | |
| | | 3. The tank materials, design, fabrication and erection of the tank shall conform to the Design of Vitreous and Porcelain Equal Coated Bolted Steel Tank for the Storage of Water as per ISO 28765:2011. | | | |
| | | I.2. Tank Shell Kit | | | |
| | | The basic tank kit comprises of Glass Fused to Steel Panels with external and internal color blue, including fixings, black plastic nutcaps, galvanized wind stiffeners, primer painted base angles, black polyurethane panel sealant, peripheral base seal, expanding type anchor bolts and shims. | | | |
| | | I.3. Tank Details | | | |
| | | Nominal Diameter : 10.25 meters maximum | | | |
| | | Sidewall Height : 7.07 meters | | | |
| | | Tank Net Capacity : 500 cubic meters | | | |
| | | Finished Floor Elevations : 300 mm | | | |
| | | pH Range : 3 - 9 | | | |
| | | I.4 Tank Ancillaries | | | |
| | | Access Manway - 1 x 800 mm Ø Hot Dipped Galvanized Shell Access Manway | | | |
| | | External Ladder - 1 x Galvanized Mild Steel External Ladder | | | |
| | | Internal Ladder - 1 x Stainless Vertical Ladder | | | |
| | | Flange Connections - 3 - Hot Dipped Galvanized Wall Flange Connection (Inlet, Outlet, Overflow), Drain Connection on Concrete Floor Level integrated on Concrete Foundation | | | |
| | | Tank Fixing/Bolts - HDG High Tensile Bolts, Grade 8.8/ Grade 10.9 with UV Resistant Polypropelene NSI 61 Compliant Encapsulation | | | |
| | | Tank Markings - One Sheet for Calumpit Water District prescribed logo | | | |
| Purpose: Ground Reservoir of Gatbuca Pumping Station. | | | | | |
| Requested by: | | | Approved by: | | |
| Signature : | | EDILBERTO P. SANTOS | | Engr. RONNIE B. LARGADO | |
| Printed Name : | | Department Manager, EOD | | General Manager | |
| Designation : | | | | | |

Entity Name: CALUMPIT WATER DISTRICT

Fund Cluster:

| Office/Section : Engineering & Operations Dept. | | PR No.: | | Date: Nov. 7, 2017 | |
|--|------|--|--------------|-------------------------|------------|
| | | Responsibility Center Code : | | | |
| Stock/ Property No. | Unit | Item Description | Quantity | Unit Cost | Total Cost |
| | | Accessories - All tank fixings, black plastic nutcaps, galvanized top stiffeners, galvanized wind stiffeners, primer painted base angles , black polyurethane panel sealant, double peripheral base seal, expanding type anchor bolts | | | |
| | | I.5 Tank Installation | | | |
| | | The tank structure should be installed by the accredited and trained Local Engineers and installations crew suitably skilled utilizing the prescribed methodology and procedure developed by the tank manufacturer. Included in the tank installation are Leak Testing by Hydrotest, Disinfection, required sealant for Tank- Concrete Foundation connection and necessary PPE required for the construction | | | |
| | | I.6 Tank Concrete Foundation | | | |
| | | The tank is designed to sit on a concrete ring beam with slab foundation using the actual soil investigation with a ring wall height of 2.50 meters from natural ground level. Slab finished level is 300 mm from finished ground elevation | | | |
| | | I.7 Tank Roof Kit | | | |
| | | Self supporting through deck roof , comprising profiled mill finished roof panels, galvanize mild steel support structure, 600 mm roof hatch, Goose neck/Mushroom type fresh air roof vent and all necessary fixing and sealant. | | | |
| | | II. ELECTRO-MECHANICAL SPECIFICATIONS : | | | |
| | | II.1 Supply and installation of 2 sets- Grundfos Vertical Centrifugal Pump, 1 Running and 1 Standby or Both Running at the same time, capable of delivering 90 cu.m./hr at 50 meter head. Stainless steel bowl and diffusers, stainless steel impellers and shafting, Closed coupled to 10HP, 230 volts, 3 phase, 60 hz Vertical Motor. | | | |
| | | II.2 Supply and installation of Motor Controller completely assembled and wired with Circuit Breakers, Variable Frequency Drives, Soft starter, Pressure Transmitters, Measure and Monitoring Devices for Pressure, Voltage, Amperes, Frequency etc. enclosed in Nema-3r Enclosure. | | | |
| | | II.3 1 lot - Pipes, fittings and valves as per operational requirements of the tank | | | |
| Purpose: Ground Reservoir of Gatbuca Pumping Station. | | | | | |
| Requested by: | | | Approved by: | | |
| Signature : EDILBERTO P. SANTOS | | EDILBERTO P. SANTOS | | Engr. RONNIE B. LARGADO | |
| Designation : | | Department Manager, EOD | | General Manager | |

