

**GENERAL SANTOS CITY WATER DISTRICT**

E. Fernandez St., Brgy. Lagao, General Santos City

Telephone No.: 552-3824; Telefax No.: 553-4960

Email Address: [gscwaterdistrict@yahoo.com](mailto:gscwaterdistrict@yahoo.com)

## PRE-BID CONFERENCE

**Project No. 2020-09: Purchase of Assorted Sizes Brand New Submersible Pump Coupled with Motor and Submersible Cable**

January 20, 2020, 1:30pm

GSCWD Bldg, Boardroom, General Santos City

### MINUTES OF THE PROCEEDINGS

#### I. Attendance

##### **BAC Members**

Ferdinand S. Ferrer, MPA	-	Chairman
Engr. Rogelio A. Besana, Jr.	-	Vice Chairman
Francisco R. Alolod Jr., CPA	-	Member
Maritess P. Primaylon	-	Member
Engr. Cornelio T. Turija, Jr	-	Member
Samcelle B. Valenzuela	-	Member
Engr. Michael Gabales	-	TWG Head
Judy Lim-Pasman	-	TWG
Engr. Edmund Badal	-	TWG

##### **Bidders**

Genniebabe B. Suaybaguio	-	GS Ferrolino Const. & Supply
Glenda A. Inojales	-	Metro Davao Supreme Pumps Indus. Inc

##### **BAC Secretariat**

Agnes P. Tampico	-	BAC Secretariat, Head
Mira Jean G. Fuentes		
Rauline Kaye F. Autida		

##### **Absent**

#### II. Call to Order

The conference was called to order at 1:30 pm and was presided by the BAC Chairman Ferdinand S. Ferrer, MPA.

BAC Secretary Mira Jean Fuentes went over the attendees. Two (2) prospective bidders attended the pre-bid conference, namely: GS Ferrolino Const. & Supply and Metro Davao Supreme Pumps Indus. Inc.

There were no representatives from the Commission on Audit, Kiwanis and PSME who were invited to observe and witness the conduct of the Pre-Bid Conference.

#### III. Highlights of the Proceedings

##### As to the Bidding Process

BAC Member Maritess Primaylon discussed the following points:





- The Approved Budget for the Contract (ABC) is *Six Million Seven Hundred Thousand Pesos Only* (Php 6,700,000.00). **Lot 1** – Submersible Pump (ABC: Php 2,400,000.00); **Lot 2** – Submersible Motor (ABC: Php 1,900,000.00); and **Lot 3** – Submersible Cable (ABC: Php 2,400,000.00). However, partial bid is not permitted. As stated in Bid Data Sheet 28.3 (a) - Grouping and Evaluation of Lots “Partial bid is not allowed. The goods are grouped in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award”. The ABC allotted per lot is for accounting purposes only. Financial bid evaluation shall be evaluated based on the total bid amount and not on individual lots.
- It was discussed to the prospective bidder the two-envelope system and the components for each envelope. The First envelope is composed of the Class A Eligibility & Technical Documents and the second envelope is the Financial component.
- The following are the Class A Eligibility Documents:
  - **Notarized Authority of Signatory**
    - This shall indicate the name of the authorized representative of the supplier, who will transact with the General Santos City Water District. It must be notarized.
  - **Platinum PhilGEPS Certificate of Registration and Membership (with Annex A)** in accordance with Section 8.5.2 of the IRR
    - In case any of the items are expired, (except for Mayor’s Permit) bidder must present *copy of the renewed certificate; official receipts or any proof of payment* shall not be accepted as proof of clearance.
  - **Statement of all its ongoing government and private contracts awarded** but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid.
  - **Statement of the bidder’s SLCC similar to the contract to be bid**, in accordance with ITB Clause 5.4, within the relevant period as provided in the ITB Clause 12.1(a)(ii)
    - ITB Clause 5.4 states, “The bidder must have completed, within the period specified in the Invitation to Bid and ITB Clause 12.1 (a)(ii), a single contract that is similar to this project, equivalent to at least 50% of the ABC. For this purpose, similar contracts shall refer to “supply of Pump and Motor.”
    - Bidder shall include in their bid:
      - A photocopy of Single Largest Completed Contract or Purchase Order
      - Notice of Award and / or Notice to Proceed
      - Project Owner’s Certificate of Final Acceptance issued by the Owner other than the Contractor or the Constructors Performance Evaluation System (CPES) Final Rating, which must be at least satisfactory. In case of contracts with the private sector, an equivalent document shall be submitted.
    - ITB Clause 12.1 (a)(ii) states, “The bidder’s SLCC similar to the contract to be bid should have been completed within 5 (five) years prior to the deadline for the submission and receipt of bids.”
  - **Net Financial Contracting Capacity (NFCC)** computation in accordance with ITB Clause 5.5 or a committed line of credit from a universal or commercial bank
    - Computation is as presented in BDS.
- Here are the composition of the Technical Documents:
  - The Bid Security shall be limited to Bid Securing Declaration or at least one (1) other form in accordance with the following amount;





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- Cash (2% of ABC) = Php 134,000.00
  - Cashier's / Manager's Check issued by a Universal or Commercial Bank (2% of ABC) = Php Php Php 134,000.00
  - Bank Draft / guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank. (2% of ABC) = Php 134,000.00
  - Surety Bond (5% of ABC) = Php 335,000.00 valid *until* June 3, 2020 and shall be accompanied by a certification by the Insurance Commission that the surety or insurance company is authorized to issue such instruments. Only those bid securities procured from commercial and universal banks shall be allowed.
- **Conformity with Technical Specifications**, as enumerated and specified in Sections VI and VII of the Bidding Documents.
    - Bidder shall photocopy the Technical Specifications Form provided in Section VII in the BDS.
    - Bidder shall submit the photocopied Technical Specification Form indicating "comply" per required parameter. Noncompliance to the instruction shall be ground for Ineligibility.
  - **Sworn Statement** in accordance with Section 25.2(a)(iv) of the IRR of RA 9184 and using the form prescribed in Section VIII of Bidding Forms.
    - Must be Notarized
    - Proforma found in the Bid Docs
    - If Corporation, additional attachment of Notarized Secretary's Certificate
  - Other reminders:
    - Bids that exceed the ABC shall not be accepted.
    - Prospective bidders are instructed to provide one (1) original and three (3) photocopies of the documents for each component. The BAC prefers bid documents be identified with ticklers for easy location of file/s to be evaluated during opening of bids.
    - Other bidders can still join the bidding even if they have not attended the Pre-bid Conference. Bid documents shall be available for interested bidders until February 3, 2020, 12 noon.

Deadline of Submission of Bids: **February 3, 2020 12:00nn**; late bids shall be declared "late" and shall not be accepted.

As to the Technical Specifications

Engr. Edmund Badal discussed the Technical Specifications.

**1.0 SCOPE OF CONTRACT**

The scope shall be supply, testing, delivery and commissioning of seven (7) sets assorted brand new coupled submersible pump and motor with submersible cable to General Santos City Water District (GSCWD).

**2.0 SUBMERSIBLE PUMP OPERATING REQUIREMENTS**

Particulars	Requirements						
	Set 1	Set 2	Set 3	Set 4	Set 5	Set 6	Set 7
Number of	1	1	1	1	1	1	1





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Unit							
Minimum Capacity at design Head, lps(gpm)	34 (538.9)	14 (221.9)	110 (1743.5)	78 (1236.3)	54 (855.9)	12 (190.2)	12.5 (198.1)
Design Head TDH, m(ft)	68 (223.04)	62 (203.36)	52 (170.56)	56 (183.68)	74 (855.9)	62 (203.36)	210 (690)
Size of Discharge pipe, mm (in)	127 (5)	101.6 (4)	200 (8)	150 (6)	150 (6)	101.6 (4)	101.6 (4)

**2.1 SUBMERSIBLE PUMP OTHER OPERATING REQUIREMENTS NOT INCLUDING SET 3**

Minimum Pump Efficiency at design head, percent	72%
Design Speed (RPM)	3400-3600
Pump Valve Casing, Diffuser and Suction casing Type	316 Stainless Steel
Impeller, Shaft Bearing	316 Stainless Steel – EPDM Rubber
Pump Shaft	316 Stainless Steel
Conical Valve, Suction Screen	316 Stainless Steel
Flanged coupling Type	316 Stainless Steel
Bowl Intermediate	316 Stainless Steel

**2.2 SUBMERSIBLE PUMP OTHER OPERATING REQUIREMENTS FOR SET 3 ONLY**

Particulars	Requirements
Shaft	ASTM A582 S41600
Impeller	ASTM A744 CF8M
Intermediate Bowl	ASTM A49 Cl. 30B
Intermediate Bowl Bearing	ASTM B584 C89835 (Std.)
Upthrust Collar	Polyethylene
Discharge Bowl	ASTM A48 Cl. 30B
Discharge Bowl Bearing	ASTM B584 C89835
Cable Guard	ASTM A240 S30400
Suction Strainer	ASTM A240 S30400
Coupling	ASTM A582 S41600
Suction Adapter	ASTM A536 Gr. 60-40-18
Suction Bearing	ASTM B584 C89835
Taperlock	ASTM A108 Gr. 1018

**3.0 MOTOR OPERATING REQUIREMENTS**

Particulars	Requirements						
	Set 1	Set 2	Set 3	Set 4	Set 5	Set 6	Set 7
Motor	60Hp	30Hp	125Hp	100Hp	75Hp	15Hp	60Hp



Rating Power HP							
Motor Rating Power kW	45kW	22kW	93kW	75kW	55kW	11kW	45kW
Rated Voltage	460	460	460	460	460	230	460

### 3.1 SUBMERSIBLE MOTOR OTHER OPERATING REQUIREMENTS

Particulars	Requirements
Phase	3
Service Factor	1.15
Power Factor(4/4)	0.8
Design point	3400-3600RPM
Winding	Encapsulated in anti-tracking resin (non-rewindable)
Stator area	Hermetically-sealed
Water-block lead	Removable connection
Flange design	Double
Shell	Stainless Steel
Shaft	Splined stainless steel
Thrust bearing	water lubricated
Diaphragm	Pressure equalizing
Slinger	Sand Fighter
Lead wire configurations	3
Bar rotor	Copper
Minimum Motor Resistance (Mega ohms)	1000 for not spliced, not submerged; and 500 or above for submerged

### 4.0 SUBMERSIBLE CABLES

Each set of coupled submersible pump and motor shall be provided with submersible cable with corresponding specifications:

Particulars	Requirements						
	Set 1	Set 2	Set 3	Set 4	Set 5	Set 6	Set 7
Type	Round	Round	Round	Round	Round	Round	Round
Size (mm <sup>2</sup> )	38	22	100	80	50	22	50
Length (meters)	85	85	85	85	85	85	225
No. of Leads	3	3	3	3	3	3	3
Maximum Operating Temperature (°C)	75	75	75	75	75	75	75
Shrinkable Termination Kit / Splicing Kit (3 sets)	kit No.82-A2	kit No.82-A2	kit No.82-A3	kit No.82-A3	kit No.82-A2	kit No.82-A2	kit No.82-A2



Butt Connector (pieces)	3	3	3	3	3	3	3
<b>All Submersible Cables shall be PVC- insulated with PVC &amp; PE jacket</b>							

#### 4.1 OTHER MATERIALS TO BE USED FOR INSTALLATION

Particulars	Requirements
Rubber Tape	Forty two (42) rolls; with ASTM D-4388 type 1,2 &3 / HH-I-3825B approval.
Electrical Tape	Forty two (42) rolls ; Super 33+ Vinyl Electrical Tape

#### 5.0 TERMS AND CONDITIONS

- 5.1 The scope of work shall be supply, delivery and commissioning of assorted sizes brand new submersible pump coupled with motor and submersible cable to General Santos City Water District (GSCWD).
- 5.2 The submersible pumps and motors shall be tested in a laboratory determined by GSCWD before delivery to ensure conformance with the design parameters. The cost of the laboratory testing shall be borne entirely by the winning bidder.
- 5.3 The winning bidder is required to submit actual documents (manuals, data sheets, manufacturer's test results, name plate specifications and etc.) of the units that are to be tested prior to the scheduling of laboratory testing.
- 5.4 Laboratory testing shall be witnessed by five (5) GSCWD representatives together with the winning bidder's representatives for five (5) days. All relevant and incidental cost (Testing fee, transportation, accommodation, allowances and etc.) in the testing of the equipment shall be shouldered by the winning bidder.
- 5.5 In case the unit to be tested are different from the submitted documents and/or do not comply with the specifications set by GSCWD, laboratory testing shall not be conducted.
- 5.6 In case the unit/units failed to pass the minimum requirements during laboratory testing, the winning bidder shall replace the unit/units subject to another laboratory testing without cost to GSCWD.
- 5.7 That during the installation and commissioning of the units, the winning bidder shall be required to send a technician responsible of splicing the cables and commissioning thereafter. All relevant and incidental cost (transportation, accommodation, allowances and etc.) in the commissioning of the equipment shall be shouldered by the winning bidder.
- 5.8 Field testing shall be made once the units are ready for operation and when both the GSCWD and winning bidder have finished their scopes of work on the installed units. GSCWD engineers shall conduct field testing with the presence of winning bidder's representative. Pumps must meet the minimum testing requirements in terms of capacity, head, and efficiency. In case the unit/units failed to pass the field testing, the winning bidder shall make necessary corrections / changes to replace the unit without cost to GSCWD.
- 5.9 The winning bidder shall deliver the submersible pump and motor within **One hundred twenty (120) calendar days** upon receipt of Purchase Order (PO). Laboratory testing is included in the 120- calendar day's delivery period.





- 5.10 The winning bidder shall be subjected to Liquidated Damages (LD) for each day of delay as provided by the IRR of RA 9184.
- 5.11 The submersible motors must comply with PEC standard as to their current rating with load and without load.
- 5.12 That the winning bidder shall issue a warranty certificate of not less than one (1) year and the warranty shall commence from the date of commissioning of the pumping equipment.

That the bidder must have an available qualified and trained technicians 24/7 in case of equipment failure.

For Clarification

- **Notarized Authority of Signatory**

The head of the entity shall provide notarized authorization to the authorized representative with specific project number, project title and extent of representative's authority.

Addendum

Amendment	From	To
<b>Invitation to Bid</b>	Lot 1: Submersible Pump (ABC: Php 2,400,000.00)  Lot 2: Submersible Motor (ABC: Php 1,900,000.00)  Lot 3: Submersible Cable: (ABC: Php 2,400,000.00)	Lot 1: Submersible Pump (ABC: Php 2,400,000.00)  Lot 2: Submersible Motor (ABC: Php 2,400,000.00)  Lot 3: Submersible Cable: (ABC: Php 1,900,000.00)
<b>Breakdown of Prices &amp; Invitation to Bid</b>	Lot 3: Submersible Cable Round 2.) 2MM SQUARE, 3 LEADS, 75° C	Lot 3: Submersible Cable Round 2.) 22MM SQUARE, 3 LEADS, 75° C
<b>Technical Specification</b>	<b>5.0 TERMS AND CONDITIONS</b> 5.1 The scope of work shall be <b>supply, delivery and commissioning</b> of assorted sizes brand new submersible pump coupled with motor and submersible cable to General Santos City Water District (GSCWD).	<b>5.0 TERMS AND CONDITIONS</b> 5.1 The scope of work shall be <b>supply and delivery</b> of assorted sizes brand new submersible pump coupled with motor and submersible cable to General Santos City Water District (GSCWD).

**IV. Adjournment**

There having no other remaining topic to be discussed, the Pre-Bid Conference was adjourned at 2:50pm.



Prepared by:

MIRA JEAN G. FUENTES

BAC Secretary

Checked by:

AGNES P. TAMFICO

Head, BAC Secretariat

Reviewed by:

ENGR. EDMUND BADAL

TWG Member

ENGR. MICHAEL GABALES

Head, TWG

Attested and approved by:

FERDINAND S. FERRER, MPA

BAC Chairman

In conformity with the Bids and Awards Committee:

ENGR. ROGELIO A. BESANA, JR.

Vice Chairman

BAC Members:

ENGR. CORNELIO T. TURIJA, JR.

FRANCISCO R. ALOLOD, JR. CPA

SAMCELLE B. VALENZUELA

MARITESS P. PEMAYLON