



Pre-bid Conference (via Zoom)

Project No. 2021-10: Purchase of Triplex Booster Pump Assembly with Complete Accessories and Motor Controller

February 18, 2021, 1:30pm
GSCWD Bldg., Boardroom, General Santos City

MINUTES OF THE PROCEEDINGS

I. Attendance (GSCWD)

Bids and Awards Committee

Ferdinand S. Ferrer, MPA	-	BAC Chairperson
Engr. Rogelio A. Besana, Jr.	-	BAC Vice Chairperson
Engr. Cornelio Turija, Jr.	-	BAC Member
Samcelle B. Valenzuela	-	BAC Member
Maritess P. Primaylon	-	BAC Member
Agnes P. Tampico	-	BAC Secretariat, Head
Rauline Kaye F. Autida	-	BAC Secretariat
Mira Jean G. Fuentes	-	BAC Secretariat
Engr. Michael Gabales	-	BAC TWG Head
Judy Lim-Pasman	-	BAC TWG
Edmund Badal	-	BAC TWG

Bidders

Hernaldo Flores	-	Leeleng Commercial
Genniebabe Suaybaguio	-	GSFerroliino Construction & Supply
Glenda Inojales	-	Metro Davao Supreme Pumps Industries, Inc
Anna Cagayan	-	Armen Electro-Mech Sales and General Mdse.

II. Call to Order

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

BAC Secretary Mira Jean G. Fuentes went over the attendees. Four (4) prospect bidders attended the pre-bid conference, namely: Leeleng Commercial, GS Ferroliino Construction & Supply, Metro Davao Supreme Pumps Industries, Inc., Armen Electro-Mech Sales and General Mdse.

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

The Pre-bid Conference was conducted via webcasting (Zoom). BAC Member, Ms. Maritess Primaylon, discussed the following points:

- The Total Approved Budget for the Contract (ABC) is **Two Million Five Hundred Thousand Pesos Only (Php 2,500,000.00)**.
- It was discussed to the prospective bidder the two-envelope system and the components for each envelope. The first envelope is Technical Component Envelope & the second is the Financial Component Envelope. Checklist for the components for each envelope is provided in Section 8 of the BDS.



- The following are the components for each envelope:

A. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

A.1 Legal Documents

- (a) **Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);** or
Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document, and
Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas; and
Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Note: 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.

A. 2 Technical Documents

- (b) **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
- (c) **Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid,** except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; and
Note: ITB Clause 10.2 states, "The bidder SLCC as indicated in the ITB Clause 5.3 should have been completed within 5 years prior to the deadline for the submission and receipt of bids.

ITB Clause 5.3 states, " For this purpose, contracts similar to the Project shall be:
(a) Triplex Booster Pump
(b) Completed within 5 years prior to the deadline for the submission and receipt of bids.
- (d) **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

Note: **The Bid Security** shall be limited to Bid Securing Declaration or at least one (1) other form in accordance with the following amount;

- Cash (2% of ABC) = Php 50,000.00
- Cashier's / Manager's Check issued by a Universal or Commercial Bank (2% of ABC) = Php 50,000.00
- Bank Draft / guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank. (2% of ABC) = Php 50,000.00
- Surety Bond (5% of ABC) = Php 125,000.00 valid *until* July 3, 2021 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.

- (e) **Conformity with the Technical Specifications,** which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; and

Note: Bidder shall photocopy the provided GSCWD Technical Specifications in BDS Sec. VII
Bidder shall indicate "comply" per required parameter as their statement of compliance
Bidder shall provide the necessary supporting documents for the additional requirements stated in the Technical Specifications

If not, ground for disqualification

- (f) **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.

Note: Must be Notarized
Proforma found in the Bid Docs
Must be filled out properly

A. 3 Financial Documents

- (g) **The Supplier's audited financial statements**, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; and
- (h) **The prospective bidder's computation of Net Financial Contracting Capacity (NFCC)**; or A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

B. FINANCIAL COMPONENT ENVELOPE

- (a) Original of duly signed and accomplished Financial Bid Form; and
- (b) Original of duly signed and accomplished Price Schedule(s)

○ Other reminders:

- Bids that exceed the ABC shall not be accepted.
- Prospective bidders are instructed to provide **one (1) original and three (3) copies** 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 shall be submitted to GSCWD for Opening of Bids on **March 3, 2021 at 12:00nn**; late bids shall be declared "late" and shall not be accepted.

As to ELECTRONIC BID SUBMISSION

Based on GPPB Resolution No. 09-2020, dated 7 May 2020

SUBMISSION AND RECEIPT OF BIDS

1. **Bidding Documents** must be in **Two (2) password protected compressed archive files** which shall be submitted simultaneously, the **first shall contain the Technical Component (Legal, Technical & Financial Documents)** and the **second shall contain the Financial Component** of the bid. Deadline and submission of bid for **Project 2021-10: Purchase of Triplex Booster Pump Assembly with Complete Accessories and Motor Controller** is **March 3, 2021 at 12nn**. **Bids shall be emailed at: gscwdprocurement@yahoo.com**. **Kindly secure confirmation from the recipient.**

Note:

- A. Please make sure that the files are readable and in pdf format.**
- B. Kindly compress the required documents into one file.**
- C. Please use the following format for your electronic bid:**
[Company name] Technical Component [part 1, part 2 (if applicable)]
[Company name] Financial Component

D. Bidders who opt to submit bid documents online shall also submit required hard copies to the General Santos City Water District.

2. **Bidding Documents not in compressed** archive folders and are **not password protected**, shall be **rejected**. However, bid files **not properly compressed** and **password-protected**, as required in the Bidding Documents, shall be **accepted**, provided that the bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC shall **assume no responsibility** for the misplacement of the contents of the improperly compressed or password-protected folder, or for its premature opening.



MODIFICATION OF BIDS

If a bidder modifies its Bid, it shall not be allowed to retrieve its original Bid, but shall only be allowed to send another Bid equally secured and properly identified. In the case of electronic submission, to be labeled as a “**modification**,” of the one previously submitted. The time indicated in the latest Bid receipt page generated shall be the official time of submission. Bids submitted after the **deadline shall not be accepted**.

BID OPENING

The passwords for accessing the **Bidding Documents** will be disclosed by the Bidders only **during the actual bid opening** which may be done in **person or face-to-face through videoconferencing, webcasting or similar technology**.

As to the Technical Specifications

The following are discussed by Edmund Badal:

1.0 SCOPE OF CONTRACT

The scope shall be supply, testing, delivery and commissioning of one (1) assembly brand new Constant Pressure Booster pump System with built in motor controller to General Santos City Water District (GSCWD).

2.0 Technical Specification and Operating Requirements

Particulars	Requirements
Number Of Pump And Motor	3
Pump Type	Vertical Multistage In-Line pump
Rated Total Capacity	231m ³ /hr
Rated Total Head	54m
Max Total Capacity	300 m ³ /hr at 37m
Max Total Head	70m at 120 m ³ /hr
Maximum Operating Pressure	16Bar
Maximum Permissible Inlet Pressure	8.6Bar
Pressure Rating	PN16
Motor Power Rating	18.5kW (25Hp)
Motor Rated Voltage	440V - 480V
Motor Efficiency	92% and above
Motor Efficiency Class	IE3 (Premium Efficiency)
Mains Frequency	60Hz
Number of Phases of Main	3Phase
Enclosure Class (IEC34-5)	IP54



Pump Parts In Contact With The Pumped Liquid	Made of Stainless Steel
Pump Bases and Heads	Made of cast iron; other Vital parts are made of stainless steel
Base Frame	Galvanize C- profile frame
Manifold Sizes (Inlet & Outlet)	DN200; Stainless Steel 316AISI
Pump Check Valve	Individual
Isolating Valves	Two (2) pieces each pump
Pressure Gauge and pressure transmitter	Analog output 4-20mA

3.0 Motor Control Panel Requirement

Requirement
Controller shall be enclosed in an IP54 steel Cabinet and shall consist of main switch, all required fuses, motor protection, switching equipment and a microprocessor-controlled communication unit.

3.1 Control panel shall perform as follows:

No.	Requirement
1	Auto mode The desired delivery pressure within the range specified, shall be set at the duty local control panel. The pressure transmitter shall detect the delivery pressure continuously within 1 second and feed back to the microprocessor, which will control the speed of the variable speed drive frequency converter for speed control of the duty pump. The 1 st duty pump will run first to cater the need of the flow. If the demand is high, the 2 nd pump will cut-in to cover. When demand still continues to increase, the 3 rd pump will cut-in as well. If any of the pump fails, the standby pump shall cut-in to maintain the delivery pressure at the desired set value.
2	Manual mode The on/off function of the pumps shall be manually adjusted at the microprocessor located at the local control panel.
3	Frequency Control By-pass Mode All the pump set shall be start/stop automatically with the pump output at fixed maximum rotation speed. All the control and protection functions shall remain



	active. The cut in / cut out pressure shall be internally calculated by the microprocessor for each pump.
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4.0 Pump operation

Built in controller unit shall control the booster pump operation and composed of the following functions:

No.	Required Functions
1	Intelligent multi-pump controller
2	Constant pressure control through continuously variable adjustment of the speed of each individual pump
3	PID controller with adjustable PI parameters
4	Constant pressure at set point, independent of inlet pressure
5	On/off operation at low flow
6	Automatic cascade control of pumps for optimum efficiency
7	Selection of min. time between start/stop, automatic pump changeover and pump priority
8	Automatic pump test function to prevent idle pumps from seizing up
9	Emergency switches for manual operation.
10	Log function
11	System on/off
12	Digital inputs and outputs can be configured individually
13	Pump and system monitoring functions
14	Minimum and maximum limits of current value
15	Inlet pressure monitoring
16	Motor protection
17	Sensors and cables monitored against malfunction
18	Alarm log with the previous 24 warnings/alarms
19	Display and indication functions
20	Colour Screen display
21	Green indicator light for operating indications and red indicator light for fault indications
22	Potential-free changeover contacts for operation and fault
23	Built in clock functions with possible weekly programming and with switch system to operate at 10 different pre-set pressure points as required.



24	Capability of receiving input signal concerning shortage of water supply, preventing the pumps from dry running.
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5.0 TERMS AND CONDITIONS

No.	TERMS AND CONDITIONS
1	The scope of work shall be supply, testing, delivery and commissioning of One (1) assembly brand new Constant Pressure Booster pump system with built in motor controller to General Santos City Water District (GSCWD).
2	The Booster pump with motor control panel complete with accessories shall be factory designed, assembled and tested not locally fabricated to ensure superior quality with optimum reliability. (Provide Test Certificate and Manufacturer's Certificate specific to this project)
3	All three (3) pumps in systems are with variable frequency drive individually, providing FULL variable speed operation.
4	All bidder is required to submit and include documents but not limited to manuals, data sheets, Test Certificate and Manufacturers Certificate specific to this project in there bidding documents.
5	The Booster Pump assembly shall be tested in an accredited laboratory before delivery to ensure conformance with the design parameters. The cost of the laboratory testing shall be borne entirely by the winning bidder.
6	Laboratory testing shall be witnessed by four (4) GSCWD representatives together with the winning bidder's representatives for three (3) 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.
7	In case the unit failed to pass the testing requirements during laboratory testing, the winning bidder shall replace the unit subject to another laboratory testing without cost to GSCWD.
8	Field testing shall be made once the unit is ready for operation and when both the GSCWD and winning bidder have finished their scopes of work on the installed unit. GSCWD engineers shall conduct field testing with the presence of winning bidder's representative. Flowmeter must meet the testing requirements in terms of efficiency.
9	That during the installation and commissioning of the unit, the winning bidder shall be required to send a technician responsible of commissioning. All relevant and incidental cost (transportation, accommodation, allowances and etc.) in the commissioning of the equipment shall be shouldered by the winning bidder.



10	Mounting and positioning of the pump assembly shall be performed by the winning bidders qualified technicians
11	Piping works for provision of the suction and discharge lines shall be provided by General Santos City Water District (GSCWD).
12	Electrical installation of main circuit breaker and grounding shall be performed by GSCWD technicians.
13	The winning bidder shall deliver the unit within One Hundred Twenty (120) calendar days upon receipt of Purchase Order (PO) including Laboratory testing.
14	The winning bidder shall be subjected to Liquidated Damages (LD) for each day of delay as provided by the IRR of RA 9184.
15	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 during its warranty period.

Other Discussion

Metro Davao Supreme Pumps Industries Inc. has sent a letter dated February 18, 2021 re: Request to amend specifications that limits competition.

This matter has been discussed during the meeting. Engr. Michael Gabales emphasized that the Technical Specification issued for the project is based on relevant characteristic and/or performance requirements and not to limit the competition to one supplier. The specifications requested for amendment are then discussed on detail. Please refer to table below:

Item No.	Page Location	Particulars	Specification	Action Requested	BAC RESPONSE
1	2	Motor Efficiency Class	IE3	Amend to IE2 or IE3	Since IE3 is of superior quality, the district has decided to upgrade its motor selection from IE2 to IE3.
2	2	Manifold Material	316AISI	Amend to Stainless Steel	The District has decided to upgrade from 304 to 316 since the latter offers superior resistance to chlorides and acids.



3	5	Terms and Condition No. 2	The Booster Pump with Motor, control panel, complete with accessories shall be factory designed, assembled and tested not locally fabricated to ensure superior quality with optimum reliability. (Provide Test Certificated and Manufacture r's Certificate specific to this project)	Delete (Metro Davao Justification: Requiring the Triplex Booster Pump Assembly to be factory designed and assembled is obviously limiting the competition to one supplier because it would mean that the Booster Pump and Motor Controller should be of the same company. It does not guarantee of superior quality.	Based on District's past experiences, it has decided to upgrade its motor selections since new technologies are available in the market. The BAC will still stand for the approved GSCWD Technical Specification which is for the purpose of meeting the needs of the District. (Response applicable for Item No. 3 and 4)
4	5	Terms and Condition No. 4	Submission of Test Certificate and Manufacture r's Certificate specific to the project during bidding.	Delete (Metro Davao Justification: Issuance of a Warranty Certificate should be enough guarantee that our products are of superior quality. We at Metro Davao Supreme Pumps can issue up to 18 months Warranty if required to guarantee the performance of our products.	

The BAC shall issue a response letter at least 7 days before the deadline for the submission and receipt of bids.




4.0 Addendum

Amendment	From	To
Technical Specification	Field testing shall be made once the unit is ready for operation and when both the GSCWD and winning bidder have finished their scopes of work on the installed unit. GSCWD engineers shall conduct field testing with the presence of winning bidder's representative. Flowmeter must meet the testing requirements in terms of efficiency.	Field testing shall be made once the unit is ready for operation and when both the GSCWD and winning bidder have finished their scopes of work on the installed unit. GSCWD engineers shall conduct field testing with the presence of winning bidder's representative.

5.0 Adjournment

There having no other remaining topic to be discussed, the Pre-Bid Conference was adjourned at 3:00pm.


Prepared by:


MIRA JEAN G. FUENTES
BAC Secretary

Checked by:

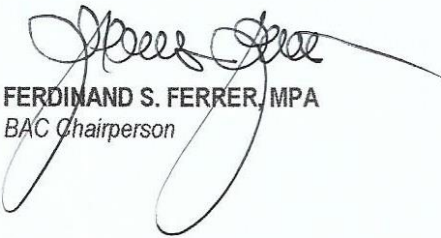

AGNES P. TAMPICO
Head, BAC Secretariat

Reviewed by:


EDMUND BADAL
Technical Working Group


ENGR. MICHAEL GABALES
Head, TWG

Attested and approved by:


FERDINAND S. FERRER, MPA
BAC Chairperson



In conformity with the Bids and Awards Committee:


ENGR. ROGELIO A. BESANA, JR.
Vice Chairperson


SANELLE B. VALENZUELA
BAC Member


ENGR. CORNELIO T. TURIJA, JR.
BAC Member


MARITESS P. PRIMAYLON
BAC Member