



## Pre-bid Conference (via Zoom)

### Project No. 2021-06: Purchase of Assorted Sizes uPVC Pipes S-8 & S-10, Fixed Seal

December 14, 2020, 01:30pm

GSCWD Bldg., Boardroom, General Santos City

#### MINUTES OF THE PROCEEDINGS

##### I. Attendance (GSCWD)

###### **Bids and Awards Committee (via Zoom)**

Engr. Rogelio A. Besana, Jr.	-	BAC Vice Chairperson
Francisco R. Alolod Jr., CPA	-	BAC Member
Maritess P. Primaylon	-	BAC Member
Rauline Kaye F. Autida	-	BAC Secretariat

###### **Bids and Awards Committee**

Ferdinand S. Ferrer, MPA	-	BAC Chairperson
Engr. Cornelio T. Turija, Jr	-	BAC Member
Samcelle B. Valenzuela	-	BAC Member
Agnes P. Tampico	-	BAC Secretariat, Head
Mira Jean Fuentes	-	BAC Secretariat
Engr. Michael Gabales	-	BAC TWG Head
Edmund Badal	-	BAC TWG

###### **Bidders**

Alan Andama	-	Nation Mfg.
Annie Andaya	-	Moldex

###### **Absent**

Judy Lim-Pasman	-	BAC TWG
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##### 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 Fuentes went over the attendees. Two (2) prospect bidders attended the pre-bid conference, namely: Nation Mfg., and Moldex.

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 Chairperson, Mr. Ferdinand S. Ferrer, MPA, discussed the following points:

- The Total Approved Budget for the Contract is Six Million Five Hundred Thousand Pesos (Php 6,500,000.00).



- 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 was presented.
- 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 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: *uPVC Pipes*."
            - ITB Clause 12.1 (a)(ii) states, "The bidder's SLCC similar to the contract to be bid should have been completed within *five (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 130,000.00
            - Cashier's / Manager's Check issued by a Universal or Commercial Bank (2% of ABC) = Php 130,000.00
            - Bank Draft / guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank. (2% of ABC) = Php 130,000.00
            - Surety Bond (5% of ABC) = Php 325,000.00 valid *until April 28, 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 (e.g. project owner, project title, amount)

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 [2018 & 2019] 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)

o Other reminders:

- Other bidders can still join the bidding even if they have not attended the Pre-bid Conference.
- Bids that exceed the ABC shall not be accepted.
- Prospective bidders are instructed to provide **one (1) original and two (2) 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. **However, failure of the bidders to comply with the said request shall NOT be a ground for disqualification.**
- Bid shall be submitted to GSCWD for Opening of Bids on **December 28, 2020 at 12:00nn**; late bids shall be declared "late" and shall not be accepted.

**As to ELECTRONIC BID SUBMISSION**

*Based on Instruction to Bidders (Section 15), the bidder shall submit an electronic copy of its bid, which must be digitally signed.*

*An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, automatically disqualified.*

*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 2021-06: Purchase of Assorted Sizes uPVC Pipes Series 8 & Series 10, Fixed Seal is December 28, 2020 at 12:00nn. Bids shall be emailed at: [gscwdprocurement@yahoo.com](mailto:gscwdprocurement@yahoo.com). Kindly secure confirmation from the recipient.



**Note:**

- A. Please make sure that the files are **readable & in pdf form**.
- B. Kindly compress the required documents into one file.
- C. Kindly 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 Engr. Michael Gabales:

**GENERAL SCOPE**

This section specifies the requirements for **unplasticized polyvinyl chloride (uPVC)** pipes **fixed seal type** with nominal outside diameter of **90mm to 225mm** intended for the conveyance of potable water under pressure of temperature up to 45°C for use below ground. The pipe shall conform to the requirements of the Philippine National Standard Specification for **Unplasticized Polyvinyl Chloride (uPVC)** pipes for Potable Water Supply (PNS 65:1993) except as otherwise specified herein.

**A. Definitions**

For the purpose of these specifications, the following definitions shall apply:

1. Nominal Pressure (PN) – The normal maximum internal pressure that the pipes can sustain continuous use. This is expressed in megapascal (MPa) at 28° C.
2. Design maximum induced stress – The estimated maximum tensile stress on the wall of the pipe along the transverse axis due to internal pressure to which the pipe can be subjected continuously without failure. This is used in calculating the wall thickness of the pipe. For the purpose of this standard, the maximum induced stress is 8.5 MPa at 28°C.
3. Pipe series (s) – It is used in classifying the pipe, which is ratio of the design maximum induced stress to the nominal pressure of the pipe. The pipe series number maybe rounded off to the nearest whole number.
4. Nominal Dimension – Nominal Dimension and values indicated herein are minimum limits as defined in this standard.
5. Unplasticized polyvinyl chloride (uPVC) pipe. A pipe produced basically from an exclusion grade PVC material of high molecular weight which does not contain any plasticizer.



#### uPVC PIPE SCHEDULE

Description	Quantity	Thickness(mm)
225mmØ x 6m uPVC Pipe Series-8, Fixed Seal	400 pcs	12.90 – 14.39
160mmØ x 6m uPVC Pipe Series-8, Fixed Seal	650 pcs	9.20 – 10.32
110mmØ x 6m uPVC Pipe Series-10, Fixed Seal	700 pcs	5.30 – 6.03
90mmØ x 6m uPVC Pipe Series-10, Fixed Seal	805 pcs	4.40 – 5.04

#### B. TECHNICAL SPECIFICATION:

Pipes classification shall be in accordance with the pipe series and/or the nominal pressure as follows:

1. Series 8 (PN 1.03 MPa/149.35PSI)
2. Series 10 (PN 0.86 MPa / 125 PSI)

#### REQUIRED TESTING:

##### Sampling and Testing

The winning bidder shall prepare one set of sample per diameter and shall be taken randomly for testing in accordance with the methods and procedures specified in this standard.

#### 1. Dimensions

##### a. Standard Configurations

Should conform to the approved shop drawing provided by the District.

##### b. Length

The length of the pipe shall be taken means the effective length which is Six (6) meters.

##### c. Joints

uPVC Pipes shall be push-on type joint with fixed seal and additional **One (1) uPVC Coupling/Hub for every size** of uPVC Pipes.

#### 2. Physical Characteristics

##### a. Appearance

The pipe shall be homogenous throughout and free from cracks, holes, encrustations and other foreign inclusions. Excessive die lines and/or stress marks (particularly in the socket and bell groove) as well as discernible material marking are not allowed. The ends of the pipe shall be cleanly cut and square to the axis of the pipe.

##### b. Color

The color of the pipe shall be blue nearest to RAL 5012 and shall be uniform throughout the entire surface of the pipe.

##### c. Effect of Materials on Water Quality

When used under the conditions for which they are designed, non-metallic materials in contact with, or likely to come into contact with potable water shall not constitute a toxic hazard, shall not support microbial growth and shall not rise to unpleasant taste or odor, cloudiness or discoloration of the water. Concentration of substances, chemicals and biological agents leached from materials in contact with potable water, and measurements of the relevant organoleptic/physical parameters shall not exceed the maximum values recommended by the World Health Organization in its publication "Guidelines for Drinking Water Quality" Vol. 1 "Recommendations (WHO, Geneva, 1984). If lead or mono/di-alkyl tin compounds are permitted to be used as stabilizers, the quantities of the lead or tin measured as metals shall be determined in accordance with the method described in PNS 966/ISO 3114.

##### d. Physical Properties.

The pipe shall conform to the Physical properties as specified

##### e. Resistance to Acetone

The pipe shall not show signs of delamination or disintegration when immersed with acetone. Flattening and/or swelling of the pipe shall not be deemed to constitute failure when tested in accordance with PNS 978/ISO 3472.

##### f. Resistance to Sulfuric Acid

The mass of the specimen shall not increase by more than 0.316 g when tested in accord with PNS 979/ISO 3474. The effect of the acid on the surface appearance of the specimen (roughening, bleaching or blackening) shall be ignored.



### 3. MECHANICAL PROPERTIES

The pipes shall conform with the applied pressure for the hydrostatic pressure test indicated in Table 5 of PNS G5, 1993 when tested in accordance with PNS 509/ISO 1167.

#### a. Hydrostatic pressure test requirement

1. Burst Pressure – The pipe shall withstand the applied pressure for at least 60 seconds without failure. The value for the induced stress used in calculating pressure requirement is 3.8 MPa (550 psi) for Series 10 and 4.56MPa (660 psi) for Series 8 at 28°C

2. Short term Pressure – The pipe shall withstand the applied pressure for at least one hour without failure. The value for the induced stress used in calculating pressure requirement is 3.6 MPa (520 psi) for Series 10 and 4.3MPa (620 psi) for Series 8 at 28°C.

#### b. Resistance to external blows

The true impact of the batch at 28°C shall not exceed 10% when tested in accordance with PNS 967/ISO 3127.

NOTE: The true impact rate is the total number of broken test pieces divided by the number of blows, expressed as percentage as if the whole batch had been verified. In practice, tests are drawn at random from batch and only estimate of the true impact rates are obtained.

#### c. Flattening

The pipe shall not allow evidence of splitting, cracking and breaking when flattened to a minimum of 40% of its outside diameter when tested in accordance with 800/ASTMD2241.

#### d. Joints

Joints shall be used for sizes 63mm up to 225mm to be Machine installed Integral Fixed Seal. The seal should be glass reinforced polypropylene (PP) homogeneously bonded to highly flexible EPDM Rubber.

### Marking

The pipe shall be clearly marked with the following information spaced at intervals of not more than one meter.

1. Name of Product
2. Nominal outside diameter, mm
3. Series and/or Nominal pressure, MPa
4. Manufacturer's name and/or its recognized trademark with One (1) inch font size bold marking using laser printed
5. The words "Made in PHL" or "Made in the Phil."
6. The words "For Potable Water"
7. The words "General Santos City Water District" with One (1) inch font size bold marking using laser printed
8. Bell insertion marking at spigot end

### DELIVERY SCHEDULE

Within **Ninety (90) Calendar Days** after receipt of Purchase Order, the total number of pipes is expected including testing and inspection. Pipes should be delivered to the site designated by the General Santos City Water District.

### SPECIAL PROVISION:

- A pre-delivery testing shall be conducted with the presence of Five (5) representatives from GSCWD within Four (4) days which already include departure and arrival from purchasing entity at plant site. Cost of inspection such as transportation, meals, allowances, accommodations and other related expenditures shall be shouldered by the winning bidder.
- The winning bidder shall shoulder the cost incurred during hauling and unloading at the designated area of General Santos City Water District.
- The winning bidder is required to produce an additional one length for every size of uPVC Pipe for the required testing specimen.
- The winning bidder is required to provide plastic food wrap at both ends of the pipes.
- The Supplier is subject to the imposition of liquidated damages in case of delay in rendering its obligation until actual delivery.

The Contractor shall pay liquidated damages to the Owner if he fails to complete the work within the time agreed upon. It is understood that said payment is not a penalty but a fixed sum representing the liquidated damages for each calendar day of delay.

Computation of the said liquidated damages shall conform to the provision of RA 9184.



**4.0 Others**

**Addendum No. 4 Series of 2021**

Activity	From	To
Deadline of Submission and Receipt of Bids	December 5 - 28, 2020 09:00am	<b>December 28, 2020</b> <b>09:00am</b>
Opening of Bids & Preliminary Examination of Bids	December 5 - 28, 2020 09:30am	<b>December 28, 2020</b> <b>09:30am</b>
Bid Evaluation	December 28, 2020	<b>December 29, 2020</b>
Post Qualification		

**Clarification**

Clarification
Moldex Representative, Ms. Annie Andaya, asked if it is possible for the font size to be smaller than 1inch or can be done in double line because it will not fit within the interval as required, and for the printing if it possible to be allowed also using ink jet printing instead of laser printing. As per TWG Head, Mr. Michael Gabales, since the provision is for markings only, it will be accepted as long as it is readable and cannot be easily removed.
The BAC reminded that the winning bidder must provide the plastic food wrap at both ends of the pipes upon delivery, and must also send a representative to assist thereof.

**5.0 Adjournment**

There having no other remaining topic to be discussed, the Pre-Bid Conference was adjourned at 03:30pm.

Prepared by:

**RAULINE KAYE F. AUTIDA**  
BAC Secretary

Checked by:

**AGNES P. TAMPICO**  
Head, BAC Secretariat

Reviewed by:

**ENGR. MA. CELIA N. DANDAN**  
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



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GPM-032-2

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