



PRE-BID CONFERENCE

Project No. 2019-10: Construction of Bridge for Steel Pipe Crossing

March 6 2019, 1:30pm

GSCWD Bldg., Boardroom, General Santos City

MINUTES OF THE PROCEEDINGS

I. Attendance

BAC Members

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

Bidders

Jinky Salvation	-	Loreno Construction
Rex De Asis	-	Loreno Construction
Emmanuel L. Sunglao	-	Leighcheen Construction Supply
Regan S. Gallinero	-	Fastruct Design & Construction
Ronnie C. Samong	-	Harbor Star Shipping Services, Inc.

BAC Secretariat

Agnes P. Tampico
Rauline Kaye F. Autida

II. Call to Order

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

BAC Secretary Rauline Kaye F. Autida went over the attendees. Four (4) prospect bidders attended the pre-bid conference, namely: Loreno Construction, Leighcheen Construction, Fastruct Design & Construction, and Harbor Star.

There were no representatives from the Commission on Audit, Kiwanis and PICE 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 Chairperson, Mr. Ferdinand S. Ferrer, MPA, discussed the following points:

- The Approved Budget for the Contract (ABC) is **Five Million Five Hundred Seventy Six Thousand Eight Hundred Ninety Two & 72/100 Pesos Only (Php 5,576,892.72)**.
- 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:
 - PhilGEPS Certificate Registration and membership in accordance with Section 8.5.2 of this IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office of Post.
 - Must attach Certificate of PhilGEPS Registration – Platinum Membership and its Annex A, as proof of submission of Eligibility Documents.
 - Bidders were reminded that if any requirement in the Annex A is found expired (*except for Tax Clearance*), they can attach their proof of renewal process (e.g. receipts).
 - Statement of all its ongoing and completed government and private projects within **two (2) years (civil, structural steel works, pile driving)** prior to the deadline of the submission, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid.
 - Bidder/s may submit ongoing or completed projects of *civil, structural works, and pile driving (projects similar to the contract to be bid)*
 - Supporting documents include: Notice of Award and Notice to Proceed
 - Statement identifying the bidder's Single Largest Completed Contract (SLCC) or similar to the contract to bid. The statement shall include the following: a) name of contract, b) date of contract, c) contract duration, d) owner's name and address, e) nature of work, f) contractor's role, g) total contract value at award, h) date of completion or estimated completion, if applicable, i) percentages of planned and actual accomplishments, if applicable, j) value of outstanding works, if applicable. SLCC must be at least 50% of the Project ABC.
 - The bidder's SLCC similar to the contract to be bid should have been completed within **two (2) years (civil, structural steel works, pile driving)** prior to the deadline for the submission and receipt of bids.
 - Bidder/s may opt to use any of the similar projects presented in submitting an SLCC
 - Supporting documents include: Certificate of Work Completion, Final Acceptance, Notice of Award, and Notice to Proceed
 - Philippine Contractors Accreditation Board (PCAB) License
 - Small B Category
 - NFCC Computation in accordance with ITB Clause 5.5; K = 15.
 - NFCC figures must coincide with the figures in the PhilGEPS Annex A
 - The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements (AFS) submitted to the BIR
- 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;
 - Cash (2% of ABC) = Php 111,537.85
 - Cashier's / Manager's Check issued by a Universal or Commercial Bank (2% of ABC) = Php 111,537.85
 - Bank Draft / guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank. (2% of ABC) = Php 111,537.85
 - Surety Bond (5% of ABC) = Php 278,844.64 valid *until* July 18, 2019 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.



- Project Requirement, include:
 - Organizational Chart
 - List of Contractors Personnel (ref. BDS Clause 12.1 (b)(ii.2))
 - Welder's minimum qualification shall be TESDA equivalent passers with certificate provided.
 - List of Contractors Equipment (ref BDS Clause 12.1 (b)(iii.3))
 - For equipments owned, present official receipt or any proof of payment
 - For equipments leased, present lease of contract of any memorandum of agreement
- Sworn Statement in accordance with Section 25.2(a)(iv) of the IRR of RA 9184, using the form prescribed in Section IX of Bidding Forms, notarized.
 - Notarized
 - As for the winning bidder, authorized representative mentioned in the Sworn Statement must be responsible in attending the meetings or any transactions needed for this project
- Welder's Minimum Qualification shall be TESDA equivalent passers with certificate provided.
- Certificate of Site Inspection
 - Not necessarily notarized
 - Any letter / certificate signed by the bidder to confirm the bidder's site visit
- Other reminders:
 - The Financial Component includes Bid Prices. Bids which exceed the ABC shall be rejected.
 - Prospective bidders are instructed to provide one (1) original and four (4) 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.
 - Deadline of Bids: **March 18, 2019, 1:30pm**; late bids shall be declared "late" and shall not be accepted.

As to the Technical Specifications

Engr. Ma. Celia N. Dandan discussed the Technical Specifications.

SCOPE OF WORK

The work consists of furnishing all the required labor, equipment, tools, scaffolding, services and materials up to the contract limit for the completion of the proposed project as specified herein:

- 1) The Contractor shall build/construct a Steel Pipe Bridge, where necessary steel works, piping and other appurtenances shall be in accordance with the approved plans and specification.
- 2) Installation of bored piles thru boring, hydraulic or vibratory hammer driving including cut-offs, pile cap, splicing piles and dowels.
- 3) Supplying, handling, hauling, storing, aligning and driving steel pipe for foundation and slope stability works.
- 4) Perform excavation on any type of soil and backfilling using suitable materials and disposal of undesirable surplus materials where directed.
- 5) Installation of structural steel bars including web members, girders and braces.
- 6) Installation of pipes, fittings, closure pieces, supports, bolts, nuts, gaskets, jointing materials and appurtenances as shown and specified, and as required for a complete and workable piping system.
- 7) Flushing, leak testing and disinfection of the Steel Pipes
- 8) Pipes and valves shall be supplied by GSCWD, wherein installation shall be done by the contractor.

BIDDERS' / CONTACTORS' COMPETENCE & EXPERIENCE



Bidders/Contractors should have at least **Two (2) years** experience in civil, structural steel works, pile driving and had completed at least Two (2) related construction projects in any Government or Private Institutions from the date of submission and receipt of bids.

RESIDENT ENGINEER'S OFFICE

The Contractor shall provide space as temporary office (Bamboo House or "Payag") in the field for use by the Resident Engineer.

EXTENSION OF TIME

To receive consideration, a request for time extension must be made in writing to the Owner through the Engineer stating therein the reason for said request and must be received by the Owner at least **Thirty (30) days** prior to the expiration of the Contract time. Failure to observe this reglementary period shall be a ground for outright denial of the request for time extension.

LIQUIDATED DAMAGES

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.

CONTRACT DURATION

Contract duration is **Ninety (90) Calendar Days** and shall commence **Five (5) Days** after the receipt of Notice to proceed.

INSPECTION OF PROJECT SITE

The Contractor shall be required to inspect the project site and to submit a Certificate of Site Inspection.

CONTRACTOR'S PERFORMANCE

The Contractor shall maintain his performance and not to incur more than negative 10% slippage during the execution of the project. Liquidated damages shall be imposed in every day of delay as per RA 9184.

If the Contractor incurred more than negative 15% slippage at the expiration of the contract, an order will be issued to the Contractor to suspend him from participating in future bidding of the Owner within the next three (3) years.

PUBLIC SAFETY AND HEALTH REGULATIONS

The Contractor shall comply with safe work practices and all health and safety regulations of the state and the locality. Furnish protective and lifesaving equipment for persons working at the site and provide a Contractor's All Risk Insurance for all his workers.

SITE PREPARATION

The location of the construction shall be staked out and grade established as shown on drawings and in accordance with the National Building Code. Contractor shall provide instrument for purposes of establishing, checking, and monitoring of the line and grade elevation.

CONCRETE WORKS

Cement shall conform to the "Standard specifications for Portland Cement" (ASTM C-150-Latest Revision) and shall be type I. The cement shall be in accordance with DPWH standards e.g. "Holcim or Hex cement" and shall not be more than three (3) months from date of manufacture.

Concrete strength shall be **3,000 psi (20.68Mpa)** at 28 days to be used for concrete columns and pile cap. No hand mixing shall be allowed during concreting operations.

The Owner may require a reasonable number of tests on the concrete to be made during the progress of the work. **Six (6) cylindrical specimens** shall be made for each test of which at least two shall be reserved for



28-day test. Strength test shall be made in accordance with the "Standard Method of Test for Compressive Strength of Cylindrical Concrete Specimens (ASTM C-39-latest revision).

Welding Materials

The Contractor is responsible for supplying all welding materials. All welding materials shall conform to the requirements of the Specifications for Supply, Fabrication and Erection of Miscellaneous Metal.

Welding

All welding shall be shielded arc method and shall conform to the AWS "Code of Arc and Gas Welding in Building Construction". **Welder's minimum qualification shall be TESDA equivalent passers with certificate provided.**

All welds in the structural attachments shall be made in a manner to ensure complete fusion with the base material, within the limits specified for each joint, and in accordance with the qualified procedure.

1. Welding shall not be performed when the surfaces of the parts to be welded are wet from rain, or when rain is falling on such surfaces, or during periods of high winds, unless the welder or welding operator and work are protected properly.
2. Peening of weld layers may be used to prevent undue distortion. Surface layers shall not be peened. Peening shall be performed with light blows from a power hammer with a blunt-nosed tool.
3. The surface bends shall merge smoothly into each other in all welds.
4. Gouging at the root of welds and gouging of welds to remove defects may be performed with the round-nosed tool or by arc or oxygen gouging.
5. Each bead of multiple pass weld shall be cleared of slag and other loose deposits before the next bead is applied.

Painting

For Bored Piles, Top & Bottom Chord Angle bars and Web Members shall be coated with epoxy primer and final coated with epoxy paint.

BORED PILES

1. **Concrete**
 - a. Concrete shall conform to the requirements of Class AA concrete with 28 MPa (4000psi) Cylinder Strength @ 28 days and with 19.00 mm maximum coarse aggregate.
 - b. Concrete shall be cast in one pouring for the full length of each pile by the use of tremie pipes, bottom of drilled hole shall be cleaned and free of debris of any loose materials before pouring of concrete.
2. **Reinforcement**
 - a. All reinforcing steel shall be conform to ASTM A615, Grade 60($f_y=414\text{Mpa}$), deformed type
 - b. Confinement ring and spacers every 300mm
 - c. Cut-off length : 1200mm
 - d. Spacers and confinement rings to be welded
 - e. Spiral pitch at location of splicing shall be at a maximum of 100mm.

Driving of Bored Piles

Acceptable driving equipment includes hammers, vibratory hammers, driving frames, boring auger or other equipment as may be required by the Engineer.

For pile installation monitoring purposes, the Contractor shall paint markings on each pile at 0.25 meter intervals, with a label at each 1.0 meter interval, starting from the toe of the pile.

Handling and Storage

Piles shall be handled, hauled and stored in a manner that avoids damage. Loading and unloading shall be by crane or other appropriate hoisting equipment.



The Contractor, in the handling and lifting of the piles, will not be permitted to drag them along the ground. Piles shall be stockpiled off the ground on timber blocking and handled in a manner to avoid any damage.

If piles are damaged due to the Contractor's handling operations, the Contractor shall, at his own expense, replace all damaged piles with piles meeting the requirements of this Specification and as shown on the Drawings.

PIPING

Steel pipes shall be provided by GSCWD.

PIPE JOINTING

Welded joints are either lap joint or butt strap joint. Field welding of pipe joints shall conform to the requirements of the "AWWA Standards for Field Welding of Steel Pipe Joints" (AWWA C206). Such joints shall be inspected before any protective coating is placed around the outside of the joint. Pipe larger than 600mm (24") is almost always assembled in the trench. Smaller pipes are sometimes assembled above the trench and lowered into it by means of chain hoists. This allows progressive lowering of assembled pipe without more than a degree or two deflections at any one joint during the laying process. Not more than 20m. should be welded together above the ground.

VALVES

Butterfly valve shall be of Double Flange Type and shall conform to the "Standard for Rubber Seated Butterfly valves" (AWWA C504), designed for a minimum water working pressure of 1 MPa (150psi). All valves must be of good quality and reliable with 10 years warranty e.g. AVK.

HYDROTESTING

After the pipes, valves and fittings have been installed, and all thrust blocks have been cast and set, the pipeline system shall be tested for leakages. Cap and brace all pipe ends to prevent movement. Make provisions to relieve air from high points and pipe ends. Compressed entrapped air causes difficulty in pumping up to the required pressure. A pipeline may leak compressed air when it is not actually watertight and may show erroneous results during test.

FLUSHING

The newly constructed pipeline shall be kept clean at all times. It should be done by flushing out clean water on the constructed provision or at the nearby flushing point or fire hydrant.

EQUIPMENT

Contractor shall provide the following minimum equipment for the project's completion:

Quantity	Description
1	Tadano Crane
1	Backhoe
1	Pile/Vibratory Hammer
2	Engine Driven Welding Machine
1	Grinder
1	Power Tools
1	Service Truck
1	Boom Truck
1	Pressure Pump and it's accessories
1	Water Truck, 10 cu.m. capacity
1	One Bagger Mixer
1	Concrete Vibrator
1	Oxy-Acetylene cutting outfit
6	Concrete Sample Cylinder



The Contractor shall be required to include the list of their equipment in the technical documents and specify whether the same is leased or owned. If leased, the Contractor shall provide a Memorandum of Agreement.

During post-qualification, GSCWD shall conduct inspection to verify the availability of the listed equipment. Absence of any one of the required equipment is ground for disqualification.

PROJECT SIGNS / COA SIGNBOARD

The Contractor shall furnish, erect and maintain one (1) project sign and one (1) COA signboard in accordance with the Standard Drawings. The location for the erection of these signs by the Contractor shall be as directed by the Engineer.

- Contract amount for the project is not included.

PLANS AND SPECIFICATIONS

All works, that may be called for in the specifications and not shown in the plans or vice versa, shall be executed and finished as if described in both. Should any work required which is not denoted on either plans and specifications either directly or indirectly, it is understood that same shall be implied and required and shall be performed and furnished such materials and layout as fully as if it has been so described.

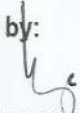
Queries	BAC Response
Leighcheen: Clarity with regards to requirement no. 3 SLCC's similar projects	BAC: Bidders may use similar projects in computing their SLCC. Similar projects are of the following: civil, structural steel works, pile driving. Therefore, bidder may present its SLCC of the same project or either of the similar projects as stipulated above. As to completed projects, bidders must attach supporting documents like Notice of Award, Notice to Proceed, Purchase Order, Certificate of Completion, or Certificate of Final Acceptance.
Harbor Star: Clarity with the statement "Single Largest Completed Contract (SLCC) or similar to the contract to bid"	BAC: If bidder has a project of the same of the GSCWD, they may opt to use for SLCC. Else, they may resort to the similar projects: either civil, structural steel works, pile driving.
Lieghcheen: Regarding requirement no. 7, how about leased equipments?	BAC: If equipments are owned, bidder may present any proof of ownership such as Official Receipt. If leased, bidder may present lease of agreement.
Leighcheen: How many welders are required for the project?	BAC: The GSCWD is open with the number of welders employed in the project, as long as the winning bidder shall be able to present unexpired NCII's and finish the project according to the period given.
Harbor Star: Are the rules (discussed in the Pre-bid Conference) stated in the Bid Documents?	BAC: Yes. Pre-Bid Conference is conducted to clarify the process regarding the project.
Harbor Star: Before the deadline (of the bids), is it possible to show the Bid Documents to any of the BAC for checking?	BAC: No, this shall be the bidder's responsibility. The Bid is sealed once submitted. Also, checklist is provided to guide the bidders for the project requirements.
Bill of Quantities (BOQ)	BAC: The Quantities indicated in the BOQ shall serve as Bid comparison only. However, during the project implementation, actual volume or materials in-placed will be paid. Variation Order will be done if there is overrun/underrun of Quantities.
Leighcheen: What is the required concrete strength for the bored pile?	For concrete bored pile is 4,000psi, other structural concrete works: 3,000psi.
Loreno Construction: Is there mobilization for the winning bidder	BAC: Yes. Upon request of the winning bidder, an advance payment of 15% if the total contract amount is allowed.



IV. Adjournment

There having no other remaining topic to be discussed, the Pre-Bid Conference was adjourned at 5:00pm.

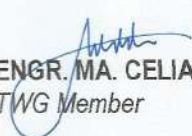
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BAC Chairperson


In conformity with the Bids and Awards Committee:


ENGR. ROGELIO A. BESANA, JR.
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