



**GUAM WATERWORKS AUTHORITY**

Gloria B. Nelson Public Service Building  
688 Route 15 | Mangilao | Guam 96913

**Invitation For Bid:** IFB-07-ENG-2019  
Pressure Zone Realignment Construction- Phase 1  
GWA Project No. W18-001-BND

**Addendum No.:** 01

**Date:** October 25, 2019

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**All Potential Bidders:**

This addendum is issued to modify the previously issued bid documents and/or given for informational purposes, and is hereby made a part of the bid documents. Failure to acknowledge receipt of this addendum shall be grounds for the bidder's disqualification and rejection of the bidder's proposal.

1. Bid Documents – Invitation to Bid and other sections of the bid documents where applicable:
  - a. Bid Proposals deadline has been extended from October 30, 2019 to **November 15, 2019 at 3:00 pm.**
  - b. RFI submission deadline has been extended from October 10, 2019 to **November 5, 2019.**
  - c. A site visit to Carnation, Okkodo, and Maimai is scheduled for October 29, 2019 at 9:30 am. Site visit will start at the Carnation PRV site. The entrant to any vaults must be certified for confined space entry.
2. Section 011000 – Summary shall replace previous version(s) in its entirety with the attached.
3. Section 00410 – Bid Form shall replace previous version(s) in its entirety with the attached.

Bidders are also notified to visit GWA website: [www.guamwaterworks.org](http://www.guamwaterworks.org) to ensure that all addenda to the bid, answers to questions, and reminders are communicated to all bidders throughout the solicitation process.

  
MIGUEL C. BORDALLO, P.E.  
General Manager 

**Attachments:**

Section 011000 – Summary R1 (Addendum No. 1)  
Section 00410 – Bid Form R1 (Addendum No. 1)

MCB; jm

SECTION 011000 - SUMMARY

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Contract description.
2. Substantial completion
3. Order of precedence of contract documents
4. Contractor's use of Site.
5. Work sequence.
6. Permits.
7. Specification conventions.

1.2 CONTRACT DESCRIPTION

- A. Work of the Project comprises construction of Pressure Reducing Valve (PRV) and Meter Stations at different locations. It includes piping and connections, concrete vaults, electrical systems, SCADA systems, concrete control buildings, site work, pavement restoration, testing, startup, and appurtenant work at all sites, as shown and specified, complete and operable in accordance with the Contract Documents.
- B. Perform Work of Contract under fixed cost Contract with Owner according to Conditions of Contract.
- C. The Work to be performed under this Contract shall consist of furnishing plant, tools, equipment, materials, supplies, and manufactured articles, and furnishing all labor, transportation, and services, including fuel, power, water, and essential communications, and performing all work or other operations required for the fulfillment of the Contract in strict accordance with the Contract Documents. The Work shall be complete, and all work, materials, and services not expressly indicated or called for in the Contract Documents, which may be necessary for the complete and proper construction of the Work in good faith, shall be provided by the Contractor as though originally so indicated, at no increase in cost to GWA.

1.3 SUBSTANTIAL COMPLETION

- A. Substantial Completion for each site is hereby defined as “the time at which the new PRV/meter stations and electrical and SCADA equipment as defined in the base bid and awarded additive bid items, are operational” and can be used for the purpose for which they are intended. Substantial Completion will be awarded for the project per individual site as determine by the Owner. Each site will be considered substantially complete upon completion of the PRV/meter stations and pipe connections, disinfection, calibration of the instrumentation, programming and testing of the SCADA equipment, and the site is fully functional and operable, including other preparations and proof of Guam EPA acceptance, as necessary for owner’s use of the

PRV/meter stations, piping, and equipment to distribute potable water at correct system pressures.

- B. Project Milestones: Include the milestones specified herein as a part of the progress schedule required under Section 013216 – Construction Progress Schedule. Following is a detailed description of the project milestones, excluding any delays due to abnormal weather in accordance with Paragraph 1.7 of Section 013216.
1. Base Bid Substantial Completion: The Contractor shall begin work upon issuance of the Notice to Proceed (NTP) and base bid work shall be substantially complete, **for all sites**, as specified no later than 305 calendar days from NTP.
  2. Additive Bid Items Substantial Completion: 60 calendar days will be added to the Base Bid Substantial Completion if either or both Additive Bid Item #10 and Additive Bid Item #11 are awarded; the added calendar days are not cumulative.
- C. GWA shall have the right to utilize or place into service any item of equipment or other usable portion of the Work prior to completion of the Work. Whenever GWA plans to exercise said right, the Contractor will be notified in writing by GWA, identifying the specific portion or portions of the Work to be so utilized or otherwise placed into service.
1. It shall be understood by the Contractor that until such written notification is issued, all responsibility for care and maintenance of all of the Work shall be borne by the Contractor. Upon issuance of said written notice of Substantial Completion, GWA will accept responsibility for the protection and maintenance of all such items or portions of the Work described in the written notice.
- D. **Liquidated Damages for Delays relative to Substantial Completion work:** As liquidated damages, and not as a penalty, for Contractor's delays in substantial completion of the work beyond the dates agreed upon in accordance with the Contract Documents or within such extensions of time as may be granted by GWA, the Contractor shall pay GWA fixed and liquidated damages for each calendar day(s) delay until said Work **at all the sites are** satisfactory completed at the rate of **\$3,000 per day**.
- E. Final Completion: Final Completion is defined as completing and having GWA accept all Work required under this Bid. Work includes warranty work, replacement work and warranty periods required by law or this bid. Final Completion shall be no later than 60 calendar days following Substantial Completion. Include the Final Completion date as a project milestone of the progress schedule required under Section 013216 – Construction Progress Schedule.

#### 1.4 CONTRACTOR'S USE OF SITE

- A. Limit use of Sites to allow:
1. Owner occupancy of existing Yigo Reservoirs, utility building and site piping.
  2. Owner occupancy of existing Astumbo Reservoirs, control building and site piping.
  3. Owner occupancy of existing Kaiser Reservoir and site piping.

4. GWA, or another GWA contractor, may utilize any part of the Sites. The Contractor shall cooperate and coordinate with GWA or their contractors to facilitate GWA's operations and to minimize interference with the Contractor's operations at the same time. In any event, GWA and their contractors shall be allowed access to the Sites during the period of construction.
5. See other requirements in Article 5 of the Standard General Conditions of the Construction Contract.

B. Construction Operations:

1. Limited to areas indicated on Drawings.
2. The Contractor's use of the Sites shall be limited to its construction operations, including on-Site storage of materials, on-Site fabrication facilities, and field offices.
3. Contractor shall be responsible for all areas of the Sites used by him or their Subcontractors in the performance of the Work. Contractor will exert full control over the actions of all employees and other persons with respect to the use and preservation of property and existing facilities, except such controls as may be specifically reserved to GWA or others. Contractor has the right to exclude from the Site all persons who have no purpose related to the Work or its inspection, and may require all persons on the Site (except GWA's employees or representatives) to observe the same regulations as he requires of his employees.
4. GWA does not warrant the condition of any existing pipeline or facility. The Contractor is cautioned that any fit-ups and connections to existing facilities may require a substantial amount of fit-up Work. The Contractor shall be solely responsible for performing all work and for furnishing all materials, labor and equipment necessary to complete the Work. The Contractor shall make necessary survey measurements of existing facilities prior to the shutdown or staging to ensure proper fit-up.
5. The Contractor shall incorporate the construction and schedule constraints of this Section in preparing the construction schedules required under Section 013216 – Construction Progress Schedule. The schedules shall include the Contractor's activities necessary to satisfy all constraints of the Contract Documents.

C. Time Restrictions for Performing Work:

1. All work shall be performed during regular working hours, unless otherwise approved by GWA.
2. Access to the sites is limited to the hours between 8:00 AM and 5:00 PM, Monday to Friday except for legal holidays, unless otherwise approved by GWA. The Contractor shall not permit the performance of Work requiring special inspection or QA testing on Saturday, Sunday or any legal holidays without GWA's written consent given after submitting prior written request to the Contracting Officer a minimum of 72 hours in advance.
3. The Contractor shall pay for the Construction Manager's cost for general observance, special inspection, and QA testing that are performed on Saturday, Sunday, or any legal holidays.

D. Utility Outages and Shutdown:

1. The Contractor shall schedule and conduct activities to enable the existing facilities to operate continuously, unless otherwise specified.

2. Modifications to existing facilities, the construction of new facilities, and the connection of new to existing facilities may require the temporary outage of existing water system service. In such cases, the Contractor shall coordinate Work with the Contracting Officer and GWA as described below. The Contractor shall complete the GWA Scheduled Outage Request Form.
3. The Contractor shall perform Work continuously during critical connections and changeovers as required to prevent interruption of GWA's operations. When necessary, plan, design and provide various temporary services, utilities, connections, temporary piping, access, and similar items to maintain continuous operations of GWA's facility at no additional cost to GWA.
4. The Contractor shall not close lines, open or close valves, or take other action which would affect the operation of existing systems. Only GWA staff is authorized to operate existing equipment, valves, and systems; and such request by the Contractor will be considered within 48 hours after receipt of Contractor's written request.
5. In addition to the construction schedule required under Section 013216 – Construction Progress Schedule, the Contractor shall submit a detailed outage plan and time schedule for all construction activities which will make it necessary to remove a tank, pipeline, electrical circuit, equipment, structure, road or other facilities from service. The Contractor shall schedule all connections to existing facilities with GWA and the interruption to system operations and services shall be held to a minimum. This may require outages to be scheduled at off-peak times. The cost for overtime labor of GWA staff required during an outage shall be borne by the Contractor and considered part of the cost of the outage.
6. The outage plans shall be submitted to the Contracting Officer for acceptance and receive a favorable review before submitting the outage request to GWA. The outage plan shall describe the Contractor's method; the length of time required to complete said operation; any necessary temporary power, controls, instrumentation or alarms required to maintain control and monitoring for the water system; and the manpower, plant, and equipment which the Contractor shall provide in order to ensure proper operation of associated water system. All costs for preparing and implementing the outage plans shall be at no increase in cost to GWA.
7. Outages and service connections shall be performed during the dry weather season, unless specifically allowed to occur during the wet weather season. The outage plans shall be coordinated with the construction schedule and shall meet the restrictions and conditions of this Section.
8. The removal of the existing system from service and reconnect the pipelines to resume service shall be completed no more than **8 hours** for each shut down. The Contractor shall perform all cutting, patching, and connection to existing facilities with extreme care and take all precautions necessary to ensure that the existing facilities are not damaged. The Contractor shall be responsible for dewatering of the existing lines and disposal of water as required at no additional cost to GWA.
9. The Contractor shall not begin an alteration affecting existing facilities until specific written approval has been granted by GWA in each case. An outage request shall be submitted to GWA a minimum of 14 calendar days in advance of the time that such outages are required. No more than one outage request will be considered per week. The Contractor shall coordinate the planned procedures with GWA. GWA has the authority to modify any proposed shutdown procedures if such procedures would adversely impact the water system operations.
10. The Contracting Officer shall be notified in writing at least seven (7) calendar days in advance of the required outage if the schedule for performing the work has changed or if revisions to the outage plan are required.

11. The Contractor shall provide written confirmation of the shutdown date and time two (2) working days prior to the actual shutdown.

#### 1.5 REPORTS OF PHYSICAL CONDITIONS

- A. Existing Structures: In the preparation of the Contract Documents, the Engineer has relied upon the following drawings of physical conditions in or relating to the existing surface and subsurface structures, which are at or contiguous to the Sites that have been utilized in the preparation of the Contract Documents:
  1. Government of Guam Public Utility Agency of Guam, “FY 67 Water System Improvements for The Government Of Guam”.
  2. Government of Guam Public Utility Agency of Guam, “FY 68 Water System Improvements for The Government Of Guam”.
- B. These reports and drawings are not part of the Contract Documents. Neither GWA nor the Engineer makes any representation as to the completeness of the reports or drawings referred to above or the accuracy of any data or information contained therein. The Contractor may rely upon the accuracy of the technical data contained in such reports and drawings, except for such physical dimensions that can be field verified; however, the interpretation of such technical data, including any interpolation or extrapolation thereof, and opinions contained in such reports and drawings are not to be relied on by the Contractor.
- C. Data and information made available in these documents are for the Contractor’s information. GWA assumes no responsibility for any interpretation of or conclusion drawn from the data or information by the Contractor.

#### 1.6 WORK SEQUENCE

- A. **Order of Work:** The Work shall be performed in such order or precedence as determined by the Contractor, subject to the conditions and restraints specified in this Section and the approval of the Contracting Officer.
- B. Except as specifically noted below, the Contractor shall not operate any valves or turn off or on or manipulate any controls or equipment on existing facilities.
- C. Work shall be scheduled, sequenced, and performed in a manner that minimizes disruption to the public.
- D. **Major Construction Sequencing Elements:** The following list of main construction sequencing elements is not all inclusive and is not intended to be a comprehensive description of all Work. Both base bid and additive bid items are included. Additive bid items shall be disregarded if not awarded. The Contractor shall review the list and ensure that each item, if awarded, is adequately considered and addressed in his construction schedule and work plan. It is the responsibility of the Contractor to identify and complete all related Work that is required to comply with the stated sequence.
  1. Mobilize on each site prior to start of work.

2. Implement the Storm Water Pollution Prevention Plan (“SWPPP”) and the erosion and sediment control measures.
3. Construct the facilities as shown and specified at each site, including completion of PRV/meter vaults, piping, control building or equipment supports, electrical, instrumentation, controls, testing and disinfection, and appurtenances to allow for substantial completion of the facilities within the timelines specified.
4. Complete all remaining work and project closeout, including pavement restoration, finished grading, restoration seeding and all other Work as required.

#### 1.7 PERMITS

- A. Promptly furnish and pay fees for all necessary permits for construction of Work including, but not limited to, the following:
  1. Building permit.
  2. Stormwater and erosion control permit.
  3. Dewatering permit.
  4. Disposal permit.
  5. Temporary and permanent power.
  6. Temporary water.
- B. The Contractor shall abide by the conditions of all permits and shall obtain proof of satisfaction of conditions from issuers of permits prior to acceptance of the Work by the Owner.
- C. Permitting and scheduling of the work with DPW and GWA is the responsibility of the Contractor.

#### 1.8 SPECIFICATION CONVENTIONS

- A. These Specifications are written in imperative mood and streamlined form. This imperative language is directed to Contractor unless specifically noted otherwise.
- B. Omissions of such words and phrases as “The Contractor shall,” “in conformity therewith,” “shall be,” “as shown on the Drawings,” “a,” “an,” “the,” and “all” are intentional in streamlined sections.
  1. Omitted words shall be supplied by inference in the same manner as when a note appears on the Drawings.
  2. Omission of such words shall not relieve the Contractor from providing the items and Work described herein or indicated on the Drawings.
  3. Words “shall be” are included by inference where colon (:) is used within sentences or phrases.

GWA Pressure Zone Realignment – Phase 1

PART 2 - PRODUCTS - Not Used

PART 3 - EXECUTION - Not Used

END OF SECTION 011000



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**BID FORM**

**ARTICLE 1 - BID RECIPIENT**

1.01 This Bid is submitted to:

**Guam Waterworks Authority**  
**Gloria B. Nelson Public Service Building**  
**688 Route 15, Mangilao, Guam 96913**

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

**ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS**

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

**ARTICLE 3 - BIDDER'S REPRESENTATIONS**

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

| Addendum No. | Addendum Date |
|--------------|---------------|
|              |               |
|              |               |
|              |               |
|              |               |

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

- D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.
- E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.
- F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

#### **ARTICLE 4 - BIDDER'S CERTIFICATIONS**

##### 4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
  - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
  - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;
  - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
  - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

**ARTICLE 5 - BASIS OF BID**

5.01 Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s):

**GUAM WATERWORKS AUTHORITY  
PRESSURE ZONE REALIGNMENT CONSTRUCTION PHASE 1  
GWA Project No. W18-001-BND**

**BID SCHEDULE**

Interested Bidders must complete Table A. All blanks in the tables must be filled out.

Definitions:

LS = lump sum

**TABLE A  
BID SCHEDULE**

**(BASE BID ITEMS NO. 1 – 9)  
(ADDITIVE BID ITEMS NO 10-11)**

| Item No. | Description   | Quantity | Unit | Extended Amount |
|----------|---|----------|------|-----------------|
| 1.       | Mobilization, as specified in the Contract Documents. | 1        | LS   | \$ _____        |
| 2.       | Bonds and insurance.                                  | 1        | LS   | \$ _____        |
| 3.       | Permits.  | 1        | LS   | \$ _____        |
| 4.       | Training.   | 1        | LS   | \$ _____        |
| 5.       | Carnation PRVs:                                       |          |      |                 |
|          | 5.1 Potholing   | 1        | LS   | \$ _____        |
|          | 5.2 Traffic control                                   | 1        | LS   | \$ _____        |
|          | 5.3 Marbo vault                                       | 1        | LS   | \$ _____        |
|          | 5.4 Marbo 6" PRV                                      | 1        | LS   | \$ _____        |
|          | 5.5 Marbo 6" meter                                    | 1        | LS   | \$ _____        |
|          | 5.6 Marbo piping and connections                      | 1        | LS   | \$ _____        |
|          | 5.7 PRV 11 12" PRV                                    | 1        | LS   | \$ _____        |
|          | 5.8 PRV 11 12" check valves                           | 2        | LS   | \$ _____        |
|          | 5.9 PRV 11 piping and connections                     | 1        | LS   | \$ _____        |
|          | 5.10 PRV 15 4" PRV                                    | 1        | LS   | \$ _____        |
|          | 5.11 PRV 15 10" PRV                                   | 1        | LS   | \$ _____        |
|          | 5.12 PRV 15 12" check valve                           | 1        | LS   | \$ _____        |
|          | 5.13 PRV 15 piping and connections                    | 1        | LS   | \$ _____        |
|          | 5.14 Replace meters                                   | 3        | LS   | \$ _____        |
|          | 5.15 Carnation piping and connections                 | 1        | LS   | \$ _____        |
|          | 5.16 Control building                                 | 1        | LS   | \$ _____        |
|          | 5.17 Fencing  | 1        | LS   | \$ _____        |
|          | 5.18 Electrical system                                | 1        | LS   | \$ _____        |

| Item No. | Description                              | Quantity | Unit | Extended Amount |
|----------|--|----------|------|-----------------|
| 5.       | <u>Item 5 (Cont.)</u>                    |          |      |                 |
|          | 5.19 SCADA, instrumentation and controls | 1        | LS   | \$ _____        |
|          | 5.20 Commissioning                       | 1        | LS   | \$ _____        |
|          | 5.21 Site and pavement restoration       | 1        | LS   | \$ _____        |
|          | Subtotal                                 | 1        | LS   | \$ _____        |
| 6.       | Okkodo PRV:                              |          |      |                 |
|          | 6.1 Traffic control                      | 1        | LS   | \$ _____        |
|          | 6.2 Meter vault                          | 1        | LS   | \$ _____        |
|          | 6.3 20" meter                            | 1        | LS   | \$ _____        |
|          | 6.4 Meter piping and connections         | 1        | LS   | \$ _____        |
|          | 6.5 8" PRV                               | 1        | LS   | \$ _____        |
|          | 6.6 10" PRV                              | 1        | LS   | \$ _____        |
|          | 6.7 12" PRV                              | 1        | LS   | \$ _____        |
|          | 6.8 PRV piping and connections           | 1        | LS   | \$ _____        |
|          | 6.9 PRV vault cover and hatch            | 1        | LS   | \$ _____        |
|          | 6.10 Electrical system                   | 1        | LS   | \$ _____        |
|          | 6.11 SCADA, instrumentation and controls | 1        | LS   | \$ _____        |
|          | 6.12 Commissioning                       | 1        | LS   | \$ _____        |
|          | 6.13 Site and pavement restoration       | 1        | LS   | \$ _____        |
|          | Subtotal                                 | 1        | LS   | \$ _____        |
| 7.       | Ysengsong PRV:                           |          |      |                 |
|          | 7.1 Potholing                            | 1        | LS   | \$ _____        |
|          | 7.2 Traffic control                      | 1        | LS   | \$ _____        |
|          | 7.3 Abandonment of pipe                  | 1        | LS   | \$ _____        |
|          | 7.4 Vault                                | 1        | LS   | \$ _____        |
|          | 7.5 6" PRV                               | 1        | LS   | \$ _____        |
|          | 7.6 10" PRV                              | 1        | LS   | \$ _____        |
|          | 7.7 10" meter                            | 1        | LS   | \$ _____        |
|          | 7.8 Piping and connections               | 1        | LS   | \$ _____        |
|          | 7.9 Electrical system                    | 1        | LS   | \$ _____        |
|          | 7.10 SCADA, instrumentation and controls | 1        | LS   | \$ _____        |
|          | 7.11 Commissioning                       | 1        | LS   | \$ _____        |
|          | 7.12 Site and pavement restoration       | 1        | LS   | \$ _____        |
|          | Subtotal                                 | 1        | LS   | \$ _____        |

| Item No. | Description  | Quantity | Unit | Extended Amount |
|----------|--|----------|------|-----------------|
| 8.       | Clara PRV:   |          |      |                 |
|          | 8.1 Potholing  | 1        | LS   | \$ _____        |
|          | 8.2 Traffic control  | 1        | LS   | \$ _____        |
|          | 8.3 Abandonment of pipe                                      | 1        | LS   | \$ _____        |
|          | 8.4 Vault  | 1        | LS   | \$ _____        |
|          | 8.5 6" PRV   | 1        | LS   | \$ _____        |
|          | 8.6 10" PRV  | 1        | LS   | \$ _____        |
|          | 8.7 10" meter  | 1        | LS   | \$ _____        |
|          | 8.8 Piping and connections                                   | 1        | LS   | \$ _____        |
|          | 8.9 Electrical system  | 1        | LS   | \$ _____        |
|          | 8.10 SCADA, instrumentation and controls                     | 1        | LS   | \$ _____        |
|          | 8.11 Commissioning   | 1        | LS   | \$ _____        |
|          | 8.12 Site and pavement restoration                           | 1        | LS   | \$ _____        |
|          | Subtotal   | 1        | LS   | \$ _____        |
| 9.       | Kaiser:  |          |      |                 |
|          | 9.1 Potholing  | 1        | LS   | \$ _____        |
|          | 9.2 Traffic control  | 1        | LS   | \$ _____        |
|          | 9.3 Meter vaults   | 2        | LS   | \$ _____        |
|          | 9.4 12" meter  | 2        | LS   | \$ _____        |
|          | 9.5 Bypass PRV vault   | 1        | LS   | \$ _____        |
|          | 9.6 Bypass 12" PRV   | 1        | LS   | \$ _____        |
|          | 9.7 Kaiser PRV vault   | 1        | LS   | \$ _____        |
|          | 9.8 Kaiser 6" PRV  | 1        | LS   | \$ _____        |
|          | 9.9 Kaiser 10" PRV   | 1        | LS   | \$ _____        |
|          | 9.10 Kaiser 10" meter  | 1        | LS   | \$ _____        |
|          | 9.11 Piping and connections                                  | 1        | LS   | \$ _____        |
|          | 9.12 Replace meters  | 3        | LS   | \$ _____        |
|          | 9.13 Control building  | 1        | LS   | \$ _____        |
|          | 9.14 Fencing   | 1        | LS   | \$ _____        |
|          | 9.15 Electrical system                                       | 1        | LS   | \$ _____        |
|          | 9.16 SCADA, instrumentation and controls                     | 1        | LS   | \$ _____        |
|          | 9.17 Commissioning   | 1        | LS   | \$ _____        |
|          | 9.18 Site and pavement restoration                           | 1        | LS   | \$ _____        |
|          | 9.19 Property boundary survey sketch                         | 1        | LS   | \$ _____        |
|          | Subtotal   | 1        | LS   | \$ _____        |
| 10.      | Astumbo Reservoirs SCADA system for existing instrumentation | 1        | LS   | \$ _____        |
| 11.      | Yigo Reservoirs SCADA system for existing instrumentation    | 1        | LS   | \$ _____        |

| Item No. | Description                         | Quantity | Unit | Extended Amount |
|----------|-------------------------------------|----------|------|-----------------|
| 12.      | Terao PRV (Additive Bid Item):      |          |      |                 |
| 10.1     | Traffic control                     | 1        | LS   | \$ _____        |
| 10.2     | Meter vault                         | 1        | LS   | \$ _____        |
| 10.3     | 20" Meter                           | 1        | LS   | \$ _____        |
| 10.4     | PRV vault                           | 1        | LS   | \$ _____        |
| 10.5     | 6" PRV                              | 1        | LS   | \$ _____        |
| 10.6     | 12" PRV                             | 1        | LS   | \$ _____        |
| 10.7     | Piping and connections              | 1        | LS   | \$ _____        |
| 10.8     | Demolish vault and piping           | 1        | LS   | \$ _____        |
| 10.9     | Electrical system                   | 1        | LS   | \$ _____        |
| 10.10    | SCADA, instrumentation and controls | 1        | LS   | \$ _____        |
| 10.11    | Commissioning                       | 1        | LS   | \$ _____        |
| 10.12    | Site and pavement restoration       | 1        | LS   | \$ _____        |
|          | Subtotal                            | 1        | LS   | \$ _____        |
| 13.      | Maimai PRV (Additive Bid Item):     |          |      |                 |
| 11.1     | Traffic control                     | 1        | LS   | \$ _____        |
| 11.2     | Meter vault                         | 1        | LS   | \$ _____        |
| 11.3     | 10" Meter                           | 1        | LS   | \$ _____        |
| 11.4     | Meter piping and connections        | 1        | LS   | \$ _____        |
| 11.5     | 4" PRV                              | 1        | LS   | \$ _____        |
| 11.6     | 10" PRV                             | 1        | LS   | \$ _____        |
| 11.7     | PRV piping and connections          | 1        | LS   | \$ _____        |
| 11.8     | Electrical system                   | 1        | LS   | \$ _____        |
| 11.9     | SCADA, instrumentation and controls | 1        | LS   | \$ _____        |
| 11.10    | Commissioning                       | 1        | LS   | \$ _____        |
| 11.11    | Site and pavement restoration       | 1        | LS   | \$ _____        |
|          | Subtotal                            | 1        | LS   | \$ _____        |

**Table A Base Bid Subtotal** \$ \_\_\_\_\_

**Table A Additive Bid Subtotal** \$ \_\_\_\_\_

**Table A Base Bid and Additive Bid Total** \$ \_\_\_\_\_



**TOTAL BASE BID PRICE FOR THE BID SCHEDULE**

For the lump sum of

\$ \_\_\_\_\_

(Price in Figures)

\_\_\_\_\_

(Price in Words)

This Contract will be awarded to the lowest responsive and responsible bidder based on the total Base Bid Schedule. Determination of the lowest responsive and responsible bidder will be in accordance with the provisions of the Bid Documents.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

**ARTICLE 6 - TIME OF COMPLETION**

- 6.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.
  
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7 - ATTACHMENTS TO THIS BID**

- 7.01 The following documents are attached to and made a condition of this Bid:
  - A. Required Bid security in the form of \_\_\_\_\_.
  - B. List of Proposed Major Suppliers;
  - C. Required Bidder Qualification Statement with Supporting Data; and

**ARTICLE 8 - DEFINED TERMS**

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

**ARTICLE 9 - BID SUBMITTAL**

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): \_\_\_\_\_

By: \_\_\_\_\_  
*(Individual's signature)*

Doing business as: \_\_\_\_\_

Business address: \_\_\_\_\_

Phone: \_\_\_\_\_ Facsimile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

A Partnership

Partnership Name: \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Business address: \_\_\_\_\_

Phone: \_\_\_\_\_ Facsimile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

A Corporation

Corporation Name: \_\_\_\_\_

State of Incorporation: \_\_\_\_\_

Type (General Business, Professional, Service, other): \_\_\_\_\_

By: \_\_\_\_\_  
(Signature - attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

(CORPORATE SEAL)

Attest \_\_\_\_\_  
(Signature of Corporate Secretary)

Business address: \_\_\_\_\_

Phone: \_\_\_\_\_ Facsimile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

A Limited Liability Company (LLC)

LLC Name: \_\_\_\_\_

State in which organized: \_\_\_\_\_

By: \_\_\_\_\_  
(Signature - attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

Business address: \_\_\_\_\_

Phone: \_\_\_\_\_ Facsimile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

A Joint Venture

First Joint Venturer Name: \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
*(Signature - attach evidence of authority to sign)*

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

Business address: \_\_\_\_\_

Phone: \_\_\_\_\_ Facsimile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Second Joint Venturer Name: \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
*(Signature - attach evidence of authority to sign)*

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

Business address: \_\_\_\_\_

Phone: \_\_\_\_\_ Facsimile: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: \_\_\_\_\_  
\_\_\_\_\_

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)



**GUAM WATERWORKS AUTHORITY**

Pressure Zone Realignment Construction- Phase I  
 GWA Project No. W18-001-BND  
 IFB-07-ENG-2019  
 GWA RFI Response No. 1 to Contractor Inquiries

This Addendum and/or Response to Request for Information (RFI) is issued to modify the previously issued bid documents and /or given for informational purposes and to the extent the responses below modify the bid documents, please treat them as an amendment to the Bid. The following responses are in response to RFIs received.

| DATE            | QUESTION/INQUIRY AS SUBMITTED:   | GWA RESPONSE:   |
|-----------------|--|---|
| 1<br>10/11/2019 | <p>“The requirements for substantial completion is stated to be for the whole project. However, the repairs on all site may not be simultaneous. Since the connection at one site are already in-place and being used and operated by GWA while other sites are on-going or may not have started yet:</p> <ul style="list-style-type: none"> <li>a. When is the Liability and Warranty period kicks-in for those completed sites?</li> <li>b. Can the acceptance/inspection for substantial completion be done per site to address question a?”</li> </ul> | <p>Please see Addendum No. 1 for revisions on Specification Section 011000, Paragraph(s) 1.3, A &amp; D.</p>  |
| 2<br>10/11/2019 | <p>“There are interconnection works to be done in the Reservoir Sites (Yigo &amp; Astumbo) per plan. Into which Bid items to include those works since it is not specifically mention on the bid items? Please provide work details on those sites.”</p>   | <p>Please see Addendum No. 1 for the correction to the bid schedule on the Yigo and Astumbo sites.</p> <p>A follow-up Addendum for the work details shall be issued at a later date.</p>  |
| 3<br>10/11/2019 | <p>“The site visit did not cover all sites. We request another site visit to identify all vaults that require replacements of pipes and fittings. The provided schematic plans are all NTS thus length are approximate. Spools are to be supplied or manufactured in exact length requirements.”</p>   | <p>An additional site visit shall be held on October 29, 2019 at 9:30 am for the following sites:</p> <ul style="list-style-type: none"> <li>-Carnation</li> <li>-Okkodo</li> <li>-Maimai</li> </ul> <p>See Addendum No. 1.</p> |

|   |            |  |  |
|---|------------|--|--|
| 4 | 10/11/2019 | “With some information missing on the plan, can we request a 2-week bid date extension as all materials needs to be quantified and priced per existing length on existing vaults.” | The submission of bids which is currently set for October 30 <sup>th</sup> , 2019, 3:00 P.M. is amended to require the submission of bids on or before <b>November 15<sup>th</sup>, 2019, 3:00 P.M.</b> (Addendum No. 1).  |
| 5 | 10/15/2019 | “Please confirm that GWA will require all shutdowns to be scheduled at night to prevent service interruptions during the day.”   | GWA may accommodate outages during normal working hours when suitable.   |
| 6 | 10/15/2019 | “Please confirm that there will be no shutdown cost from GWA if a shutdown is scheduled during the day.”   | There will not be an additional fee for outages occurring during normal working hours.   |
| 7 | 10/15/2019 | “Please provide a price schedule for any required GWA personnel during shutdowns at night as discussed in PreBid Conference last October 10, 2019.”                                | <p>Please see Specification Section 011000, Paragraph D, part 5. GWA operations/engineering personnel rates will be charged for outages occurring outside of normal hours of operation.</p> <p>For outages outside normal hours as specified, the cost for overtime labor of GWA staff required shall be borne by the Contractor and considered part of the outage cost. GWA shall determine the appropriate staff for each outage. The following is a general hourly schedule:</p> <ul style="list-style-type: none"> <li>• Operator: \$25/hour/employee</li> <li>• Engineer: \$35/hour/employee</li> <li>• Vehicle: \$55/hour/vehicle</li> </ul> <p>Note the following:</p> <ul style="list-style-type: none"> <li>• Labor costs are estimated based on projected time for completion but may increase if completion time goes beyond projected completion time.</li> <li>• Costs are estimates and may change due to employee classification and equipment availability.</li> <li>• Labor, materials, and equipment will be billed to the Contractor as stated on Operations Work Order.</li> <li>• Overtime shall be hourly rate x 1.5.</li> </ul> |
| 8 | 10/15/2019 | “Please confirm that this project requires to be in compliance with the Buy American Act.”   | Please refer to Specification Section 00800 — Supplementary Conditions — Attachment 2.   |

|    |            |   |   |
|----|------------|---|---|
| 9  | 10/15/2019 | “Please confirm that this bid requires Building Commissioning (Cx) and also System Commissioning”   | Please refer to Specification Section 019100 for general commissioning requirements.  |
| 10 | 10/15/2019 | “Please confirm if this project requires to have security provided on each site during all nonworking night hours and at weekends.”   | Please refer to Specification Section 015000 Paragraph 1.5— Security.   |
| 11 | 10/15/2019 | “Please clarify the substantial completion date as questions raised during the prebid conference asked if a site can be turned over immediately after it pass the acceptance inspection and that it does not need to wait until all sites are completed and accepted before turning over to GWA.” | Please see Addendum No. 1 for revisions on Specification Section 011000, Paragraph(s) 1.3, A & D.   |
| 12 | 10/15/2019 | “Due to complexity of the bid, we request 2 weeks bid extension.”   | The submission of bids which is currently set for October 30 <sup>th</sup> , 2019, 3:00 P.M. is amended to require the submission of bids on or before <b>November 15<sup>th</sup>, 2019, 3:00 P.M.</b> (Addendum No. 1). |

Bidders are also notified to visit GWA website: [www.guamwaterworks.org](http://www.guamwaterworks.org) to ensure that addenda to the bid, answers to questions, and reminders are communicated to all bidders throughout the solicitation process.

  
MIGUEL C. BORDALLO, P.E.  
 General Manager

MCB:jm