



## **BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION**

December 2, 2019

**PROJECT:** IFB No. 20-011 – Ridgewood Water Production Facility Project  
No. 417 for the Brunswick Glynn Joint Water & Sewer  
Commission

**ADDENDUM:** Three (3)

**DUE DATE:** ~~TUESDAY, DECEMBER 3, 2019 – 12PM, NOON~~  
**TUESDAY, DECEMBER 10, 2019 – 12PM, NOON**

**THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING  
CLARIFICATIONS:**

**1) QUESTION:** Are there any union labor requirements?

**ANSWER:** There are no union labor requirements for this project. All  
work must be performed by a state of Georgia licensed contractor.

**2) QUESTION:** Is there a projected start date?

**ANSWER:** Projected start date is the week of January 20, 2019.

**3) QUESTION:** Is there a plan holders list?

**ANSWER:** JWSC does not have a list of plan holders. All of our  
solicitations are posted to our website:  
<https://www.bgjwsc.org/departments/procurement/> . Additionally, once  
the mandatory pre-bid meetings have taken place the attendance for  
those meetings is posted to their respective solicitation websites.

4) **QUESTION:** Is the well currently in service? If so, how long can it be out of service?

**ANSWER:** Yes the well is still in service, but it is not currently on the system and can be taken out of service indefinitely.

5) **QUESTION:** When was the last time the well was pulled?

**ANSWER:** Approximately 5 years ago, 2014. The well was drilled by Woodrow Sapp Well Drilling and last pulled by Rowe.

6) **QUESTION:** Is a building permit required, and if so from whom?

**ANSWER:** Yes, a building permit must be obtained from Glynn County. Please contact Benny Crawford, 912-554-7443, [bcrawford@glynncounty-ga.gov](mailto:bcrawford@glynncounty-ga.gov) to obtain LDA permitting. Please contact Chuck Flowers, 912-554-7216, [cflowers@glynncounty-ga.gov](mailto:cflowers@glynncounty-ga.gov) for ROW permitting. You may also contact Glynn County Community Development at 912-554-7428.

7) **QUESTION:** What is the budget for this project? Is funding already in place for this project?

**ANSWER:** Budget information will be provided to the selected contractor. Please provide your best competitive bid. Funding is currently in place for this project.

8) **QUESTION:** Is there elevated water tank work for this project?

**ANSWER:** No. All work for this project shall be performed at ground level.

9) **QUESTION:** Is this on the Miocene?

**ANSWER:** No, this well is on the Upper Floridian

10) **QUESTION:** Has the well already been abandoned?

**ANSWER:** Yes, per EPD the 6" smaller well has been abandoned. However, the larger well is still in service and will be used to fill the GST.

11) **QUESTION:** Can electrical drawings from other sites be provided to electrical sub-contractors?

**ANSWER:** The electrician should be able to run conduit for call to run and run status; all existing electrical can be abandoned in place and will

be dealt with by JWSC staff at a later date.

- 12) **QUESTION:** Specification 031200, 1.6B4, requires the minimum dome live load of the pre-stressed concrete tank to be 20 psf. The typical dome live load for this geographic area is 12 psf per ASCE-07. Please clarify whether 12 psf is an acceptable dome live load for this project.

**ANSWER:** 12 psf will NOT be acceptable. Please use 20 psf as specified in the RFP documents

- 13) **QUESTION:** Specification 013200, 2.10F, and Drawing Sheet GST-1 require a 1900 GPM aerator for the ground storage tank. This conflicts with Drawing Sheet GST-2 which notes a 1300 GPM aerator. Please confirm which size aerator is correct.

**ANSWER:** 1300 is the correct size aerator.

- 14) **QUESTION:** Please confirm that two coats of Tenemec Series 156 Enviro-Crete Modified Waterborne Acrylate on the exterior of the tank is the only coating required for the pre-stressed concrete tank. Drawing Sheet GST-1, Note G2 calls for interior coatings on the underside of the dome and 2'-0" down the tank well.

**ANSWER:** Note G-2 on sheet GST-1 calling for coating on the underside of the dome and wall is correct.

- 15) **QUESTION:** Specification 013201, 1.01.1, requires the baffle curtain to be composed of NSF 61 compliant geo-membrane 8130 XR-3-PW. The 8130 XR-3-PW is a 30 mil curtain. This conflicts with Drawing Sheet GST-3 which requires a 45-mil baffle curtain. Please confirm the baffle curtain material to be utilized is the 8130 XR-3-PW with 30-mil thickness.

**ANSWER:** 8130 XR-3-PW with 30 mil thickness is correct

- 16) **QUESTION:** Please provide dimensions of the overall length and clear distance (open length) of the baffle curtain as noted on GST-1.

**ANSWER:** Clear distance is 5'0" on one end inside finished diameter of the tank.

- 17) **QUESTION:** Drawing Sheet GST-1 shows the finished grade around the tank at EL 21.50. The tank FFE ELE is noted as 22.00. Please consider increasing the finish grade around the tank to be at least ELE 22.00 to ensure a few inches of fill are placed against the ground storage tank foundation.

**ANSWER:** After the tank exterior is painted, bring finish grade at tank wall to ELE 22.0 with GABC. Taper GABC to a minimum 2” thick at finish grade, 5ft wide at circumference of the tank.

- 18) **QUESTION:** Specification 013200, 2.1B, requires the exterior ladder to include a safety cage and lockable gate. This conflicts with Drawing Sheets GST-1 and GST-4 which do not include a safety cage and lockable gate. Please confirm if a safety cage and lockable security gate are required on the ground storage tank.

**ANSWER:** Per the OSHA Final Rule (<https://www.osha.gov/walking-working-surfaces/>), existing ladders with safety cages are “grandfathered” until November 18, 2036. New/replacement ladders installed after November 19, 2018 should have a personal fall arrest or ladder safety system (e.g. a safety rail/cable)

- 19) **QUESTION:** The specs call for the original copy of the bid to be submitted with 5 hard copies and 1 USB copy. Can you waive this requirement and require only one original sealed copy of the bid to be submitted?

**ANSWER:** Please submit your most competitive pricing with the required number of hard copies as well as one electronic copy.

- 20) **QUESTION:** Is the price for the SCADA work by EMC to be included in our lump sum bid price?

**ANSWER:** Yes, for the Ridgewood WFP only. The scope of work is being redefined to only include the Ridgewood station. Please disregard any SCADA work for locations other than Ridgewood WTP located at 1735 Perry Lane Rd, Brunswick GA, 31525. All references in the original RFP documents to “Off-Site” or “Multi-Site” should be disregarded.

- 21) **QUESTION:** Are we required to keep the existing facilities in operation until the new equipment has been proven to operate successfully?

**ANSWER:** Please refer to Question #20. Please be aware that all SCADA improvements as they relate to the Ridgewood WPF Improvements project are limited to construction designated by the plans, specifications, and in particular specification section 01010 (Summary of Work) that requires furnishing all labor, materials, tools, equipment, and incidentals and performing all work required to construct complete and in place and ready to operate.

**22) QUESTION: The job calls for the existing well pump to be modified and reinstalled with a new discharge head. There is also wording requiring the contractor to perform water level testing and friction loss testing to determine total head. What does all this mean? Can you be more specific on what exactly we are required to do? Is the contractor required to determine the pump design?**

**ANSWER: Please see Plan Sheet C-3; modify the existing pump-set to yield specified GPM at new head conditions. This work should be performed by a Georgia Licensed Well Contractor.**

**23) QUESTION: How long can the existing well pump be out of service in order to perform testing and modifications?**

**ANSWER: The well is in service but it is not currently on the system and can be taken out of service indefinitely.**

**24) QUESTION: The summary of the geo-tech reports indicates that the subgrade of the structures be undercut. We cannot find any requirements for undercutting elsewhere in the drawings or specs. Is undercutting in fact required under either structure and if so, how much? In addition to this, would JWSC be willing to include a unit price item that covers undercutting the existing subgrade and replacing it with gravel?**

**ANSWER: Undercutting and remediation are anticipated based on the findings in the Geotechnical Report. Quantities, based on the report soil borings and recommendations, shall be included in the lump sum bid.**

**25) QUESTION: There is a statement in the geo-tech report that says the site should be pre-loaded and/or flexible connections used for the piping due to very deep compressible clays. We see one expansion joint on the 16" overflow in the drawings, and there is one note in the specs for the pre-stressed tank that requires the contractor to keep the tank full for 3 weeks prior to making any connections. Is this one 16" expansion joint and the 3 week tank fill site loading going to be the only requirement for this settlement issue?**

**ANSWER: Yes**

**26) QUESTION: If the tank or building settle 9.5 inches as stated in the geo-tech report then that would affect the under-slab piping inverts and potentially bend the pipe stubouts considerably. It would also affect what would be the initial and final floor elevations of the tank building, which needs to be considered. Also, in order to perform some of the work, dewatering will be required since groundwater is at 0.2-2.3', and**

that could possibly affect this settlement. Can you please expand on the subgrade preparation for both the tank and the building some more and what is required in order to accommodate these expected changes?

**ANSWER:** Subgrade preparation recommendations are considerations to minimize or avoid potential settlement issues not expected changes.

27) **QUESTION:** Note 4 on sheet C-4 requires the contractor to video the conditions of the existing well and turn over that video to the JWSC. Can you please provide the size and depth of the well so that we can accurately price this work?

**ANSWER:** From JWSC records:  
0 to 60 ft. = 22”  
60 to 658 ft. = 18”

28) **QUESTION:** What are the manufacturer, size, and depth of the existing well pump?

**ANSWER:** From JWSC records: 8 inch Peerless Turbine, set at 65 ft.

**\*\* Please note that the Bid Form has been modified to include a section for providing reference email addresses. Please use this revised version of the Bid Form, attached here and also provided on the solicitation website:**  
<https://www.bgjwsc.org/invitation-to-bid-no-20-011-ridgewood-water-production-facility-project-no-417-for-the-bgjwsc/> **\*\***



**All applicants under this Invitation for Bid are kindly requested to acknowledge receipt of this Addendum in original only.**

**ACKNOWLEDGEMENT  
ADDENDUM: THREE (3)**

**DATE:** \_\_\_\_\_

**The above Addendum is hereby acknowledged:**

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**(NAME OF BIDDER)**

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**Signature**

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**Title**

**BID FORM**

**DATE SUBMITTED:** \_\_\_\_\_

**PROJECT NAME:** Ridgewood Water Production Facility  
Glynn County, Georgia  
JWSC Project No. 417

**SUBMITTED TO:** Brunswick - Glynn County Joint  
Water and Sewer Commission  
1703 Gloucester Street  
Brunswick, Georgia 31520

**SUBMITTED BY:**

**Company Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Georgia Utility Contractor's License No.** \_\_\_\_\_

**Acknowledge Receipt of Addenda Numbers** \_\_\_\_\_

The undersigned as BIDDER hereby declares that the only person or persons interested in the BID as principal or Principals is or are named herein and that no other person than herein mentioned has any interest in the BID or in the Contract to be entered into; that this BID is made without connection with any other person or parties making a BID, and that it is in all respects fair and in good faith without collusion or fraud.

The BIDDER declares that he has examined the site of the work and informed himself fully in regard to all conditions pertaining to the place where the work is to be done; that he has examined the plans and specifications for the work and the documents relative thereto; and has read all General and Special Conditions furnished prior to the opening of bids; that he has satisfied himself relative to the work to be performed.

The BIDDER proposes and agrees, if the BID is accepted, to contract with the Brunswick - Glynn County Joint Water and Sewer Commission to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation and labor to complete the work in full and complete accordance with the shown, noted, described and reasonably intended requirements of



the plans, specifications and contract documents to the full and entire satisfaction of the Brunswick - Glynn County Joint Water and Sewer Commission with a definite understanding that no money will be allowed for extra work except as set forth in the attached General Conditions and contract documents for the prices set forth below.

**ITEM 1 - WATER PRODUCTION FACILITY**

For furnishing all skill, labor, material, and equipment, as required, to construct complete in place and ready to operate a new water production facility including, but not limited to, demolition of existing structures and equipment; site clearing and improvements; erosion and sedimentation controls; modifications to the existing well, piping and flowmeter; construction of new pre-stressed concrete ground storage tank with aerator; yard piping and connections; new pump building with high service pumps, electrical systems, emergency generator, chemical feed equipment and ancillary equipment; cleanup and complete surface restoration; and all other work and appurtenances required, the lump sum amount of:

**WPF BID AMOUNT** \$ \_\_\_\_\_

**ITEM 2 – OWNERS CONTINGENCY ALLOWANCE**

The Bidder shall include the following allowances in his total base bid. These allowances are established to provide for unforeseen conditions. Work covered by these allowances shall only be authorized by written direction of the Brunswick-Glynn Joint Water and Sewer Commission.

**Owners Contingency Allowance** \$ 75,000.00  
\_\_\_\_\_

**TOTAL BASE BID (ITEMS 1 AND 2)** \_\_\_\_\_  
(Written Amount)

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

**DEDUCTIVE ALTERNATE**

Contractor shall deduct \$ \_\_\_\_\_ to delete furnishing and installation of natural gas generator, transfer switch, controls, cable, generator pad and other associated equipment.

**LIST OF MAJOR SUBCONTRACTORS**

The Bidder expressly agrees that:

1. If awarded a Contract as a result of this Proposal, the major Subcontractors used in the prosecution of the work will be those listed below.
2. The following list includes all Subcontractors who will perform work in the amount of approximately \$10,000 or more on this Contract.
3. The Subcontractors listed below are financially responsible and meet the required qualifications as stated in the specifications to perform the work required.

Category	Name of Subcontractor	Address

The Bidder further agrees to accomplish all work and provide all material for the lump sum price submitted, and understands that the lump sum price is subject to adjustment by either increase or decrease, only through a properly executed change order.

The Bidder further proposes and agrees to commence work under this contract, with adequate force and equipment, on a date to be specified in a written order of the Owner and shall fully complete all work hereunder within three hundred (300) consecutive calendardays from and including said date.

The undersigned further agrees that, in case of failure on his part to execute the said Contract and Bonds within fifteen (15) consecutive calendar days after receipt of the conformed Contract Documents, the check or bid bond accompanying this Bid and the monies payable thereto, shall be paid into the funds of the Owner as liquidated damages for such failure otherwise, the check or Bid Bond accompanying this Bid shall be returned to the undersigned.

I understand that collusive bidding is a violation of state and federal law and can result in fines, prison sentences, and civil damage awards. I agree to abide by all conditions of this Invitation for Bids and certify that I am authorized to sign this Bid for the Bidder.

This the \_\_\_\_\_ day of \_\_\_\_\_ 2019.

**Company Name: (Please Type or Print)**

**Person Authorized to Sign:**

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

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

Street: \_\_\_\_\_

Signature: \_\_\_\_\_

City: \_\_\_\_\_

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

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone Number: (    ) \_\_\_\_\_

Fax Number: (    ) \_\_\_\_\_

E-Mail: \_\_\_\_\_

**EXPERIENCE AND REFERENCES:**

The Bidder shall provide references relative to work it has done of a similar nature as solicited in this Invitation for Bids. Give references that will afford the JWSC opportunity to judge as to experience, skill, business standing and financial ability.

<b>Project</b>	<b>Brief Scope of Project</b>	<b>Project Owner (Title)</b>	<b>Phone Number</b>	<b>Address</b>	<b>Email</b>