



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

April 5, 2019

**PROJECT:** RFP No. 19-012 – Engineering Design 2019 Water Pollution Control Facilities Rehabilitation for Academy Creek & Dunbar Creek – Project No. 806 for the BGJWSC

**ADDENDUM:** Two (2)

**DUE DATE:** ~~TUESDAY, APRIL 16, 2019, 12PM NOON, EST~~  
**TUESDAY, APRIL 30, 2019, 12PM NOON, EST**

**THIS ADDENDUM IS FOR THE PURPOSE OF ANSWERING THE FOLLOWING QUESTIONS:**

**1) QUESTION:** Will the BGJWSC provide a copy of the Wastewater Master Plan and any studies that have been done on both plants within the last 5 years?

**ANSWER:** A copy of the BGJWSC Master Plan may be found on the JWSC website using the following link:

<https://www.bgjwsc.org/departments/planning-and-construction/>

**2) QUESTION:** On page 16 of the RFP, under Local Preference it requires the firm possess a current Glynn County business license and commercial certificate of occupancy for the engineering firm. Can this request be deleted from the RFP, or the distance from Glynn County be extended?

**ANSWER:** 100 miles from the JWSC Office located at 1703 Gloucester Street, Brunswick, GA 31520 is the distance. A copy of your business license/CO with your address to determine if your office qualifies for these points is requested.

- 3) **QUESTION:** After visiting the generator and switchgear rooms at Academy Creek, and considering the directive that the “deteriorated switch gear will also be replaced”, the existing electrical room does not appear to have adequate space for new equipment (4000A Main Breaker, 1000A Feeder Breaker to ATS, 800A Feeder Breaker to ATS) without an extended outage or temporary service. Does the BGJWSC intend to have the Automatic Transfer Switch(es) replaced or the entire existing switchboard and adjacent motor control center replaced?

**ANSWER:** Entire switchboard and MCC replacement is preferable. Temporary service will be required

- 4) **QUESTION:** At Dunbar Creek, for Item 4, what is the specific directive for this item?

**ANSWER:** The UV system at Dunbar Creek has continual failures due to lightning. Design and installation of a proper grounding system to eliminate these issues is requested.

- 5) **QUESTION:** The RFP lists the permitted and design capacity of ACWWTP is 13.5 MGD. No peak hourly flow rate or maximum monthly flow rate has been provided. A previous study suggested a peak hourly flow rate of 33.75 MGD. Please confirm the desired flow rate to be used for evaluation and design of the ACWWTP headworks.

**ANSWER:** Plant personnel report peak hourly flows of 27 MGD. Design for a theoretical flow of 33.75 MGD is requested.

- 6) **QUESTION:** Please provide the peak flow to be considered for redesign/replacement of the influent junction box on Page 2, Item 1.

**ANSWER:** A previous study suggests the grit removal equipment is rated for 16.0 MGD.

- 7) **QUESTION:** The RFP requests on Page 2, Item 2 an evaluation of the existing influent mechanical screens and grit removal system. A previous study suggests the grit removal equipment is rated for 16.0 MGD. Headworks equipment should meet EPA Class I mechanical reliability requirements which would require the system be designed such that with the largest unit out of service, the remaining unit(s) can handle the peak

hydraulic wastewater flow/loading. Please confirm if Class I reliability is required for the following items:

- a. Influent Mechanical Bar Screen
- b. Grit Unit
- c. Influent Pumps
- d. New Rotary Drum Screens

**ANSWER:** No changes are expected to the capacity of a, b, or c. Concerning the rotary drum screens, Class I reliability is not required. Sizing similar to the existing screening and grit systems is sufficient.

**8) QUESTION: Please describe what improvements are desired for the influent mechanical screens.**

**ANSWER:** A report on recommended maintenance necessary to the current screens to improve reliability is requested.

**9) QUESTION: Is the grit classifier to be replaced as part of this project? Is the grit removal equipment to be replaced as part of this project (mentioned in Item 3, Page 8)?**

**ANSWER:** No to both questions. In earlier iterations of the project relocating the grit system was considered, but has been removed from the project at this time.

**10) QUESTION: Please provide more details on the desired oxygen infusion system for the plant influent, such as desired location, type of equipment, etc.**

**ANSWER:** Current considerations are to include a speece cone for pre-aeration purposes prior to process splitter box/Pinova influent. Alternative infusion/injection systems can be considered.

**11) QUESTION: Please confirm is all of the instrumentation and control wiring throughout the plant to be replaced and/or upgraded as part of this project per Item 4 on Pages 2 and 3? Or only what is needed for upgraded equipment that is a part of this project?**

**ANSWER:** For preliminary opinion of probable cost, assume all I&C wiring is in need of replacement. Most likely this is not required, but until evaluation of all equipment this should be sufficient.

**12) QUESTION: Please confirm this project includes design of a second sludge dryer.**

**ANSWER:** A second dryer is being considered as part of this project. However, if the budget becomes an issue, this will likely be one of the items that is removed from the final project.

**13) QUESTION: Is a crane or overhead hoist required for the influent structure?**

**ANSWER:** Not at this time.

**14) QUESTION: Are there any record drawings for the influent structure project that was done in 2005?**

**ANSWER:** All record drawings that have been located to date have been posted for review as part of the RFP.

**15) QUESTION: Please confirm a new VT SCADA system is to be installed at ACWWTP.**

**ANSWER:** VTScada should be installed at Academy Creek as part of this project.

**16) QUESTION: The project will require an Environmental Review & Planning Document. Who is responsible for preparing this document?**

**ANSWER:** The Categorical Exclusion Request and Preliminary Engineering Report required for GEFA funding has been submitted to EPD and is currently under review.

**17) QUESTION: The RFP (Item 2) states that compensation will be negotiated after selection, but Item 3 requires a price proposal to be submitted with the proposal. Please clarify.**

**ANSWER:** Price is a component of the scoring criteria and must be submitted as part of the proposal. Once a proposal is chosen, the JWSC may negotiate the price at that time.

**18) QUESTION: Is there a page limit for the proposals?**

**ANSWER:** Fifty (50) pages is the limit.



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

**ACKNOWLEDGEMENT  
ADDENDUM: TWO (2)**

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

**The above Addendum is hereby acknowledged:**

\_\_\_\_\_  
**(NAME OF BIDDER)**

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Title**