



BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

November 8, 2022

PROJECT: INVITATION FOR BID NO. 23-013 CONSTRUCTION SERVICES
FOR PUMP STATIONS 3101, 4001, 4002

ADDENDUM: Two (2)

DUE DATE: Wednesday, December 7, 2022 12:00PM, NOON

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

- 1) **QUESTION:** Could the JWSC please provide the flow rates for Pump Stations 3101, 4001, and 4002?

ANSWER: 3101 – 871 GPM
4001 – 600 GPM
4002 – 2795 GPM

- 2) **QUESTION:** Is there a specification for lining on this project?

ANSWER: The JWSC currently accepts SewperCoat, Madewell, and Strongseal 100% calcium aluminate structural lining products.

- 3) **QUESTION:** Will the JWSC consider Quadex AluminaLiner as an acceptable Calcium Aluminate Structurally Enhanced liner for this project?

ANSWER: Lining/leak stop materials meeting the same manufacturer's specifications as products already approved by the JWSC may be submitted for review as an alternate. There is no guarantee for approval for use in this project.

- 4) **QUESTION: Will the JWSC consider Quadex I&I Guard-MSF for low flow inflow and infiltration prevention?**

ANSWER: Please refer to the answer to Question #3 of this Addendum.

- 5) **QUESTION: Will the JWSC consider Quadex I&I Guard-SCF for more severe inflow and infiltration prevention?**

ANSWER: Please refer to the answer to Question #3 of this Addendum.

- 6) **QUESTION: Will the JWSC consider GeoKrete Geopolymer an alternative one-step corrosion resistant coating system for this project?**

ANSWER: Please refer to the answer to Question #3 of this Addendum.

- 7) **QUESTION: How will SCADA integration be handled for the project?**

ANSWER: The selected contractor will need to coordinate directly with Electric Machine Control (EMC) for all SCADA implementation needs. JWSC will not provide SCADA integration.

- 8) **QUESTION: How will power services be handled?**

ANSWER: The selected contractor will need to coordinate directly with GA Power for all service needs, including but not limited to: drop upgrades, service interruptions, ATS integrations, etc.

- 9) **QUESTION: Will current bypass stay at the 4002 station:**

ANSWER: No. Once the selected contractor takes possession of Pump Station 4002, the JWSC bypass will be removed and the contractor should make plans to provide their own bypass.

- 10) **QUESTION: Please explain the process for end of construction start-up.**

ANSWER: The selected contractor shall coordinate with all necessary product/equipment representatives necessary for testing and performance checkouts. Such representatives will be onsite for necessary start-up and testing requirements with the owner witnessing such testing. It is the contractor's responsibility to show performance capabilities and operational readiness/functionality of the equipment and modifications performed.

11) QUESTION: Will there be a contractor supplied genset for start-up?

ANSWER: The selected contractor shall coordinate with all necessary product/equipment representatives necessary for testing and performance checkouts. Such representatives will be onsite for necessary start-up and testing requirements with the owner witnessing such testing. It is the contractor's responsibility to show performance capabilities and operational readiness/functionality of the equipment and modifications performed.

**** Please note the following updates/clarifications to the electrical portion of the specifications:**

BGWSC Pump Station Upgrades
Addendum No. 2

1. On sheet 207, changed the "Vega Radar" to "Model C21 Vega".
2. On sheet 207, SCADA System Description, replaced note # 6 for multi-light tower to read: "Reuse existing new Horn and Light if working and not damaged. Replace with new to match existing if damaged."
3. On sheet 208, added a fused disconnect between GA Power meter and the ATS. Also, added fused disconnect symbol to symbols legend on sheet 105.
4. On sheet 208, removed fusible disconnect from 200A Genset quick connect disconnect.
5. On sheet 208, changed all wiring between the utility meter and the distribution panel DP to 3/0 AWG to maintain 200A service all the way to a 200A main breaker distribution panel. Also added a 200A main breaker to distribution panel DP.
6. On sheet 208, added the following note to wet well J-Box: "Provide wet well J-Box with individual RTU conduits to have parallel 1" runs of power and analog."
7. On sheet 307, added grounding connection to perimeter fence.
8. On sheet 305, motor voltage to be 460/480V.
9. On sheet 307, SCADA System Description, note # 4, changed "Vega plus 61" to "Model C21 Vega".
10. On sheet 307, Service Entrance Note, changed the service entrance circuit breaker to fused disconnect.
11. On sheet 308, added a fused disconnect between GA Power meter and the ATS.
12. On sheet 308, removed fusible disconnect from 200A Genset quick connect disconnect.
13. On sheet 308, changed all wiring between the utility meter and the distribution panel DP to 3/0 AWG to maintain 200A service all the way to a 200A main breaker distribution panel. Also added a 200A main breaker to distribution panel DP.
14. On sheet 308, added the following note to wet well J-Box: "Provide wet well J-Box with individual RTU conduits to have parallel 1" runs of power and analog."
15. On sheet 423, added grounding connection to perimeter fence.
16. On sheet 424, added note and grounding connection from perimeter fence to service grounding tripod.

17. On sheet 425, a 400 Amp primary breaker was already provided for the HPA panel. No change.
18. On sheet 425, sheet notes, added the following note to sheet note # 1: “Drives to be Danfoss Aqua FC-202 NEMA 4X JWSC TCP/IP card and Remote mount kit”.
19. On sheet 425, sheet notes, added sheet note # 5 to read: “ATS to be ABB TruOne transfer switch in stainless steel enclosure”.
20. Ethernet and Conduit to be provided by contractor for each VFD and ATS at all locations.



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