



BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION

March 11, 2026

**PROJECT: REQUEST FOR PROPOSAL NO. 26-007 Progressive Design Build
for Water Production Facility SCADA and Electrical Upgrades**

ADDENDUM: ONE (1)

DUE DATE: TUESDAY, MARCH 24, 2026 – 12:00PM, NOON

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

- 1) QUESTION: Will BGJWSC provide complete motor nameplate data for all motors at Harrington, Airport, and Mallery WPFs including horsepower, voltage, full load amps, service factor, RPM, and existing starter type? Could photos of all nameplates be provided?**

ANSWER: Please refer to Excel sheet “Water PF Motor Data”, attached at the end of this addendum and posted to the project website, <https://www.bgjwsc.org/rfp-no-26-007-progressive-design-build-for-jwsc-water-production-scada-electrical-upgrades/>

- 2) QUESTION: Will BGJWSC provide an inventory identifying which motors are currently across-the-line (DOL), soft start, or VFD controlled?**

ANSWER: Please refer to Excel sheet “Water PF Motor Data”, attached at the end of this addendum and posted to the project website, <https://www.bgjwsc.org/rfp-no-26-007-progressive-design-build-for-jwsc-water-production-scada-electrical-upgrades/>

- 3) **QUESTION:** In the rebuild of the motor control system, should proposers assume that each motor starter will be replaced in kind (i.e., a DOL starter replaced with a DOL starter), unless otherwise directed?

ANSWER: Please refer to Excel sheet “Water PF Motor Data”, attached at the end of this addendum and posted to the project website, <https://www.bgjwsc.org/rfp-no-26-007-progressive-design-build-for-jwsc-water-production-scada-electrical-upgrades/>

- 4) **QUESTION:** Are existing motors intended to remain in service unless specifically identified for replacement? Is motor replacement included in the project scope, or is the scope limited to electrical and control system upgrades?

ANSWER: Motor replacement is not considered to be in the scope of this project. Any motor replacements will be handled separately by BGJWSC.

- 5) **QUESTION:** Are the existing generators and recently upgraded transfer switches at each facility to remain in service as is?

ANSWER: Existing generators and transfer switches shall remain for future use, but conduit/conductors and layout may change as needed to connect new electrical systems.

- 6) **QUESTION:** If additional VFDs are installed, is generator load verification or capacity analysis required as part of Phase One? Were generators sized with the expectation of VFDs being used in the future?

ANSWER: Generators were sized for the current load at each WPF. The impacts of the new electrical systems need to be detailed for BGJWSC review for the generators as part of Phase One services. However, generator replacements are not considered to be in the scope of this project.

- 7) **QUESTION:** Is Arc Flash Study labeling required at project completion?

ANSWER: Arc Flash Study labeling is not required for Phase One services. Scope of complete Phase Two services will be determined with selected proposer.

- 8) **QUESTION:** Is harmonic analysis required for facilities where VFD upgrades are implemented? If so, is this anticipated to be required by Georgia Power or another authority?

ANSWER: Scope of Phase Two services will be determined with the selected proposer.

- 9) **QUESTION:** Are harmonic mitigation devices (such as line reactors, dv/dt filters, or active harmonic filters) required as part of the base scope?

ANSWER: Scope of Phase Two services will be determined with the selected proposer.

10) QUESTION: Are there specific VFD output cable requirements (shielded cable, symmetrical grounding, bonding methods, termination standards) that must be followed?

ANSWER: Scope of complete Phase Two services will be determined with the selected proposer.

11) QUESTION: Is reuse of existing conduit permitted where determined to be in serviceable condition?

ANSWER: If existing conduit is in sufficient condition for reuse, yes. However, the scope of complete Phase Two services will be determined with the selected proposer.

12) QUESTION: If new conduit is required, what conduit materials are acceptable for interior and exterior installations?

ANSWER: SCH 40 PVC is required in all cases unless otherwise determined during Phase One services.

13) QUESTION: Is replacement of exterior conduit between the building and well pumps required, or may existing conduit remain if serviceable?

ANSWER: This is not required if it is serviceable

14) QUESTION: Is new wiring to external instrumentation considered part of the Design/Build scope?

ANSWER: At minimum, wiring to external instrumentation shall be required as scope, along with conductor wire to external motors/pumps. Conduit, if serviceable, will not need to be replaced.

15) QUESTION: At sites where only the RTU is being replaced, are new signal conductors required? Is there an expectation that conduit must also be replaced or rerouted?

ANSWER: During construction phase, all conductors shall be replaced. The conduit may be reused so long as it is deemed to be a home run from SOURCE to CONSUMER. Non code compliant J-box or pull boxes are to be removed from use where such devices are not needed.

16) QUESTION: Is ground grid testing required at each facility?

ANSWER: Yes, this should be completed prior to development of GMP during the Phase One services.

- 17) QUESTION: If deficiencies are identified during testing, what level of remediation is expected under this project?**
- ANSWER: Scope of complete Phase Two services will be determined with the selected proposer based upon findings.**
- 18) QUESTION: What is the maximum allowable outage duration per facility during electrical cutovers?**
- ANSWER: The JWSC would prefer to limit the outage to one (1) week (5-7 days), but complete schedules may be discussed during Phase One services with understanding of constraints and limitations.**
- 19) QUESTION: The Operations Building at Harrington is to remain powered during the upgrade. Is the existing service expected to remain single-phase 120/230 VAC only?**
- ANSWER: All voltages currently utilized at all sites are to remain except for the Airport site, which is planned to go to 460/480 service.**
- 20) QUESTION: Have discussions occurred with Georgia Power regarding the anticipated voltage change at Airport WPF?**
- ANSWER: Yes, however voltage change will need to be finalized with Georgia Power by the selected proposer.**
- 21) QUESTION: Is the Design/Builder responsible for costs associated with Georgia Power service modifications?**
- ANSWER: Yes, this should be included within the GMP.**
- 22) QUESTION: At Airport WPF, where a voltage change to 480 VAC is anticipated and if the motors are not dual 230/480 VAC, who is responsible for providing any required replacement motors?**
- ANSWER: Any motor or operational challenges shall be the responsibility of BGJWSC, unless coordination with the Design/Build team could help speed or efficiency.**
- 23) QUESTION: Are all pump isolation valves currently functional at each facility?**
- ANSWER: It is believed by BGJWSC staff that all valves are currently functional except for the one presently being operated on at the Mallery WPF site.**
- 24) QUESTION: Is there a distribution waste valve local to each WPF?**
- ANSWER: Each tank can be drained through existing tank drainage system. Any operation of valves onsite must be done by or under the supervision of BGJWSC personnel.**

25) QUESTION: Do Harrington, Airport, and Mallery WPFs feed the same pressure zone?

ANSWER: Yes.

26) QUESTION: Does BGJWSC anticipate any permitting requirements with Georgia EPD as part of this project?

ANSWER: Any change to the capacity or treatment processes will require EPD approval. It is the responsibility of the Design/Builder to confirm permitting requirements with EPD, Glynn County, and any other agencies.

27) QUESTION: If EPD permits are required, is the Design/Builder responsible for obtaining them?

ANSWER: Design/Builder will be responsible to submit permit applications on behalf of the BGJWSC.

28) QUESTION: Will the BGJWSC please define the use of the Progressive Design Build (PDB) team and roles?

ANSWER: The team shall provide Engineering/Design elements, preconstruction services for installation and team idea approach, along with Construction services for a collaborative, phased approach. Due to the unknown and varying condition of each site, a progressive design build approach is being utilized to improve overall timeline and cost, with the added ability to quickly work out operational disruptions and unforeseen issues.

29) QUESTION: Will this phase be required to create a GMP prior to design and engineering completion?

ANSWER: No, a final GMP is to be developed during Phase One services. Phase One – Preliminary Services: Design development, evaluation of alternatives, cost modeling, constructability review, permitting assistance, risk assessment, and development of a Guaranteed Maximum Price (GMP) cost proposal for completion of Phase Two.

30) QUESTION: What will be the requirements of this project for Phase Two?

ANSWER: Phase Two– Final Design and Construction: Completion of design documents, procurement of equipment and materials, construction, commissioning, and closeout. Final as-builts and any warranty documentation will be finalized after all sites are successfully in operation.

31) QUESTION: Will access be required for everyone to the FLETC location?

ANSWER: Only personnel required to plan, layout, install, and start the system to 100% completion will need access to the FLETC site. Exact personnel can be determined during the Phase One discussions.

32) QUESTION: Can the BGJWSC provide reference material for the layout of the preferred material within the WPF to get electrical upgrades?

ANSWER: Yes, please see photos from the Ridgewood WPF site included on the following Dropbox link,

https://www.dropbox.com/scl/fo/v6p6qf5ah3ns4sn5t2k47/AKELgO595-3CyKCM1bB_wsQ?rlkey=88krt39k121x486ippsnrvalo&st=8kfltdex&dl=0

33) QUESTION: Who is responsible for any non-EPD permitting?

ANSWER: It is the responsibility of the selected PDB team to inquire about and obtain any permits that may be required to successfully complete this project.

34) QUESTION: What is the contract time for Phase One services?

ANSWER: Phase One services has a time length of 120 days.

35) QUESTION: Is weekend work allowed at the sites?

ANSWER: Weekend work will be allowed provided it is communicated to the BGJWSC and falls within city/county work times.



All applicants under this Request for Proposal are kindly requested to acknowledge receipt of this Addendum in original only.

**ACKNOWLEDGEMENT
ADDENDUM: ONE (1)**

DATE: _____

The above Addendum is hereby acknowledged:

(NAME OF BIDDER)

Signature

Title

		Make	HP	RPM	Volt	FLA	SF	Type of control	FUTURE
Airport WS	HSP 1	WEG	50HP	1775	230V	118	1.25	SS	VFD
	HSP 2	WEG	50HP	1775	230V	118	1.25	SS	VFD
	HSP 3	WEG	50HP	1775	230V	118	1.25	SS	VFD
	#1 Well	U.S. Mtr.	75HP	1780	230V	174	1.15	SS	SS
	#2 Well	U.S. Mtr.	40HP	1775	230V	103	1.15	SS	SS
Mallery WS	HSP 1	WEG	50HP	1800	460V	58.5	1.25	CONTACTOR	VFD
	HSP 2	Baldor	40HP	1770	460V	49	1.15	SS	VFD
	At shop	HSP 3	Baldor	50HP	1800	460V	1.15	SS	VFD
	Cir. Well		40HP	1785	460V	49	1.15	SS	SS
	ST Well		50HP	1785	460V	59	1.15	SS	SS
Harrington	HSP 1	U.S. Mtr.	50HP	1775	460V	58	1.15	CONTACTOR	VFD
	HSP 2	U.S. Mtr.	50HP	1775	460V	57	1.15	VFD	VFD
	HSP 3	WEG	50HP	1775	460V	58.5	1.25	VFD	VFD
	Well	U.S. Mtr.	40HP	1780	460V	61	1.15	CONTACTOR	SS