



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

August 17, 2020

**PROJECT: INVITATION FOR BID NO. 21-001 – PUMP STATION 4021  
REHABILITATION & UPGRADE**

**ADDENDUM: Two (2)**

**DUE DATE: Tuesday, August 25, 2020 12:00PM, NOON**

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

**1) QUESTION: Do the pumps require closed loop cooling jackets?**

**ANSWER: No, the design is for the pumps to be completely submerged  
under normal operations.**

**2) QUESTION: Can JWSC please confirm the required flow for bypass  
pumping on the project will be 1,800 GPM as was specified in Addendum  
#2 of the original bid for this project in March 2020?**

**ANSWER: Yes, bypass flow is expected to be 1,800GPM**

**3) QUESTION: Drawing P4 indicates the top of the existing wet-well is at El  
15.54. Drawing P5 indicates the top of the wet-well is at El. 17.33....please  
confirm the top elevation of the wet-well.**

**ANSWER: Top elevation is 15.54. The elevation on P5 was from the initial  
survey dated 08/31/2011 prior to the rehabilitation that took place in 2012.  
Contractor should match existing wet-well elevation.**

- 4) **QUESTION:** The east west dimension for the new valve vault in 8'-6" as shown on drawing P4. The dimension between the existing wet-well and the Electrical shed fence is 7'-0" as measured in the field. Is the intent to move the electrical equipment/shed?

**ANSWER:** Yes, JWSC staff is in the process of moving the shed, and this will be completed before construction is to begin by the contractor.

- 5) **QUESTION:** Will an Air/Vac relief valve and vault be required per JWSC standard details?

**ANSWER:** No, since an ARV is not being installed.

- 6) **QUESTION:** Is there a preferred detail for the joint between the existing wet-well and the new Valve Vault?

**ANSWER:** Please reference the two following websites. JWSC preference is to have the contractor drill/epoxy rebar dowels into the existing wall which will be cast into the new concrete. JWSC Engineer's estimates are 12" long No. 5 rebars spaced 6" and drilled/epoxied 6" into the existing concrete, stubbed 6" out. Please make sure to prep/roughen the existing concrete.

- [https://www.hilti.com/content/hilti/W1/US/en/engineering/design-centers/rebar-design-center/shear-dowels.html#id-specification-resources-childsection\\_9379848](https://www.hilti.com/content/hilti/W1/US/en/engineering/design-centers/rebar-design-center/shear-dowels.html#id-specification-resources-childsection_9379848)
- <https://view.joomag.com/product-technical-guides-us-en-post-installed-rebar-guide/0604970001570657600?short&>

- 7) **QUESTION:** Please confirm the type of level control to be used, if a stilling wet-well is required, and if JWSC will be providing the instruments.

**ANSWER:** Level control will be performed by a Radar unit that has been installed prior to the start of this project.



**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**