



**Invitation for Bid No. 2022-053**

**Olive Branch Pump Station Renovations**

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**ADDENDUM No. 1**

**ISSUE DATE: March 18, 2022**

Responding Bidders on this project are hereby notified that this Addendum shall be made a part of the above named IFB document.

The following items add to, modify, and/or clarify the IFB documents and shall have the full force and effect of the original Documents. This Addendum shall be acknowledged by the Offeror in the IFB document.

ADDENDUM NO. 1

TO PROSPECTIVE BIDDERS UNDER  
Olive Branch Pump Station Modifications  
Interim 762 Pressure Zone Supply  
Union County, North Carolina

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED IN THE  
SPACE PROVIDED IN THE BID FORM IN SECTION 00410

Addendum Item	Page or Drawing	Location and Description of Change
<b>PART A – CONSTRUCTION DRAWINGS</b>		
1.	D-01-801	Modify the following:  Delete existing Process Mechanical Piping Note 1.10-in and 16-in Water Main, b. and replace as follows:  <i>b. Lining: Cement Mortar, AWWA C104, NSF 61 Certified, Factory Applied.</i>
2.	D-01-801	Modify the following:  Add new note to Process Mechanical Piping Note 2, Pipe Supports, as follows:  <i>f. Pipe support material shall be galvanized and painted in the same color to match existing pipe supports.</i>
<b>PART B – QUESTIONS AND ANSWERS</b>		
1.	The General Conditions (C-700) article 5.06 is requiring the contractor to purchase builders risk insurance coverage as well as boiler and machinery insurance coverage. Please confirm this will be required on the project, it seems excessive.  <b>The Contractor shall provide insurance as required by Article 5.06 in the General Conditions (C-700).</b>	
2.	We have no specifications for the following items needed on the project, please provide. <ul style="list-style-type: none"> <li>a) Ductile Iron Pipe</li> <li>b) Butterfly Valve</li> <li>c) Electric Actuator</li> <li>d) Pressure Reducing Valve</li> <li>e) Air Release Valve</li> <li>f) Flow Meter</li> <li>g) Instrumentation/SCADA</li> <li>h) Painting for Pipe &amp; Valves</li> </ul>	

- a.) See Drawing Sheet D-01-801 Process Mechanical Piping Notes 1.a. to 1.i. Also, see Addenda Item 1 for modification to Note 1.b.
- b.) See Sheet D-01-801 Process Mechanical Valve Notes 1 to 3.
- c.) See Sheet D-01-801 Process Mechanical Valve Note 1.d.
- d.) See Sheet D-01-801 Pressure Regulating Valve Notes 1 to 3.
- e.) See Sheet D-01-801 Air Release Valve Notes 1 to 3.
- f.) See Sheet E-01-501 Key Note 7.
- g.) See Sheet E-01-501.
- h.) Pipe – See Sheet D-01-801 Notes 1.c and 1.d. Valves – Use Manufacturer’s standard, primer and finish coat, factory applied.

3. Is the contractor to include any cost in our bid for Nix Purser for I&C Modifications or is that being handled by the county direct? If by the contractor, please provide specification to describe scope of services to be furnished by Nix Purser.

**All work provided by Nix Purser in support of this construction shall be performed by Nix Purser, performing as a subcontractor to the General Contractor.**

4. When can the new pump station bypass piping be installed? Spec section 01 12 16-Work Sequence, first paragraph says the pump station will be removed from service upon completion of the Yadkin Water Treatment Plant. Will any work under this contract be tied to the completion of the Yadkin WTP? If so, please clarify. If not, please advise when the pump station can be removed from service to perform the work and for how long.

**Schedule and sequencing of this work is not dependent on progress of the County’s new water plant construction.**

5. Can the existing 2-ton hoists be utilized by the contractor to hoist the new piping, valves, etc. into place?

**There is no issue with the existing hoist being utilized by the contractor, however, the hoists pre-construction condition needs to be evaluated and documented and the post-construction condition needs to be evaluated and documented to ensure there has been no damage to the hoists during use. Contractor is responsible for repairing any damage caused during the use of the existing hoist.**

6. On the new grating to be placed over the pipe trenches around the 10” PRV piping, we have experienced aluminum grating not being strong enough and flexing on the corners near the pipe penetrations. Can steel/galvanized grating be used?

**Contractor to provide grating as specified.**

Are there any existing valves present to isolate the suction and discharge lines so that we can disassemble these lines inside the pump station for the new piping configuration? If so, please clarify where and what will the expectation be as far as how long they can be closed, how much pipe will be required to drain to perform the work, etc.

**There are valves on the south side of Olive Branch Road to isolate both the suction and discharges lines of the Olive Branch Pump Station. The Pump Station can be removed from service and all piping dewatered. Sequence of Construction and 30-day limit for having the**

station off-line is further addressed on Drawing Sheet D-01-801 PROCESS SEQUENCE OF CONSTRUCTION.

7. The project specifications include several sections for testing, certifications, commissioning, etc.. If all these spec sections are applicable to the project (which none of them seem to be), there could be a significant amount of time and cost for the contractors account, which seems inappropriate for a project of this magnitude (quality assurance managers, installation certifications, testing certifications, 5-Day equipment demonstration periods, 4-week commissioning periods, etc...). Please consider deleting all these inapplicable spec sections from the documents.

**The contractor shall have the flow meter and PRV certified start-up technicians on site to verify installation and for initial set up.**

8. Plan sheet D-01-101, key note 2 tells us to remove the existing grating as required to accommodate the proposed bypass piping. Then it says to retain removed section of grating for use after bypass piping is removed. Key note 12 states to provide new grating, modified to accommodate bypass piping. Can the existing grating be modified to accommodate the proposed bypass piping? Is the proposed bypass piping being removed? If so, by whom? Please clarify.

**Most of the existing grating that needs to be removed for the work to be done, and can then be reused. However, some sections will require new grating, or that the existing grating be cut to fit the new space constraints.**

This addendum shall be incorporated into and made a part of the Contract Documents.

This addendum issued March 16, 2022.

\*\*END OF SECTION\*\*



Digitally signed by Robert D West  
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O=Brown and Caldwell,  
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Date: 2022.03.16  
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