



Addendum 5

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Subject: Addendum No. 5

Date: May 25, 2023

Project: Beaverdam Creek Pump Station Expansion Project

Owner: Charlotte Water

To: Plan Holders

Contractors submitting proposals for the above-named project shall take note of the following changes, additions, deletions, clarifications, etc. in the Contract Documents, which shall become a part of and have precedence over anything contrarily shown or described in the Contract Documents, and all such shall be taken into consideration and be included in the Contractor's bid proposal.

Plan holders wishing to submit bids should acknowledge receipt of this and all Addenda by listing the Addendum Numbers on the appropriate line of Section C-410 Bid Form. If every Addendum is not listed, the Bid Proposal will be considered nonresponsive.

This Addendum consists of pages 1 through 2 and covers the following additions and changes to the specifications and drawings for this project.

SPECIFICATIONS

Specification 01 57 28 Part 2.01 B.3.a:

DELETE

- "1. Provide with taps for connection of pressure gauges and air hoses.*
- 2. Pipe Diameters 24-inches and Smaller: use pneumatic plugs with rubber boots.*
- 3. Pipe Diameters Larger than 24-inches:*
 - a. Use inflatable bag stoppers made in two or more pieces.*
 - b. Manufacturer: Lanses, Cherne Industries."*

INSERT

- "1. Provide pneumatic plugs made from reinforced rubber with taps for connection of pressure gauges and air hoses.*
- 2. Manufacturers:*
 - a. Lanses*
 - b. Cherne Industries*
 - c. Or approved equal"*

Renumber accordingly.

Specification 01 57 28 Part 2.01 D.3:

DELETE "Provide suction and discharge isolation valves and a spring and level check valve for each pump. Note that all check valves shall have an external level arm that indicates the disc position."

INSERT "Provide suction and discharge isolation valves. For the discharge, provide a spring and level check valve for each pump. Note that all check valves shall have an external level arm that indicates the disc position."

QUESTIONS/CLARIFICATIONS

1. *Would check valves be required on the HDPE suction dip tubes for diesel pumps for the bypass pumping?*
No. See clarifications to Specification 01 57 28.
2. *Can a standard check valve be used for the bypass pumping?*
Other check valves may be considered as long as the overall performance requirements are met.
3. *For the discharge piping, instead of HDPE could composite hose be utilized?*
Other piping may be considered as long as the overall performance requirements are met.
4. *How much surcharge will be allowed on MH-2?*
It is expected that bypass pumping would reach a maximum elevation of 565 in MH-2 which should require 12 feet of suction lift and be 6 feet below the lowest rim elevation on Windygap Road.
5. *In Specification 01 57 28, please clarify what rubber boots mean.*
This refers to protective sleeves.
6. *In Specification 01 57 28, please clarify Item 2.01 B 3a, regarding inflatable bag stoppers in two or more pieces.*
See clarifications to Specification 01 57 28. Any plug that can handle 1.5x the pressure can be proposed for consideration.
7. *For the force main receiving manhole identified in Addendum 2, assume that only the top of the liner (approximately 1 foot) will need replacement and no manhole bypassing shall be required.*

ATTACHMENTS:

None.



Laura Reid, PE
Project Manager