

## Addendum No. 3

Date: *May 11, 2023*  
Solicitation Number: *FY23-ITBCON-26*  
Title: *Beaverdam Creek Pump Station Expansion*

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Bidders should acknowledge receipt of this addendum on the Bid Form. Failure to acknowledge receipt of this addendum may result in the bid not being considered.

All Bidders are responsible for monitoring CLTWater's Contracting Opportunities website (<https://www.charlottenc.gov/Growth-and-Development/Doing-Business>) for additional changes or clarifications.

**The below listed attachments follow:**

- **The attached Addendum 3 covers additions and changes to the specifications and drawings for this project.**



# Addendum 3

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**Subject:** Addendum No. 3

**Date:** May 11, 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

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1. Specification 43 16 23 (Bladder Surge Tank), to be modified as follows:

Part 2.01 (Manufacturers), INSERT, "3. *Charlatte*" and renumber section.

Part 2.02, D: DELETE "5. *Magnetic level indicator to provide visual indication.*" and renumber section.

Part 2.03 (Coatings)

DELETE:

*"B. All painting and coating shall be completed at the factory. Both tank interior and exterior shall be coated with a high build coal tar epoxy that is suitable for untreated raw sewage and a uniform layer with a minimum thickness of 35 mils applied in two coats. Lower minimum thickness (DFT) may be needed if above values are outside of the recommended range adversely affecting coating performance.*

*C. Exterior coating color shall be White."*

INSERT:

*"B. Tank Interior: Certified epoxy paint and primer suitable for use with untreated raw sewage and a uniform layer with a minimum thickness (DFT) of 20 mils applied in two coats. Interior coating color shall be White.*

- C. *Tank Exterior: Epoxy paint and primer for an exterior application exposed to sunlight and a uniform layer with a minimum thickness (DFT) of 20 mils applied in two coats. Exterior coating color shall be selected by the Owner.*
- D. *Lower minimum thickness (DFT) may be needed if above values are outside of the recommended range adversely affecting coating performance."*

## QUESTIONS/CLARIFICATIONS

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1. *Will you consider Charlotte as an approved manufacturer to supply the equipment in Section 43 16 23 Bladder Surge Tanks?*  
Specification updated per above to include Charlotte in the list of capable manufacturers.
2. *Section 43 16 23, Part 2.02.A. Will you accept polyamide fabric reinforced butyl rubber bladder?*  
A polyamide fabric reinforced butyl rubber bladder would be considered an equivalent bladder material.
3. *Section 43 16 23 Part 2.02.D.5 requires a magnetic level indicator. Magnetic level indicators are not compatible with raw sewage applications and should be removed.*  
See changes listed above to the Specifications.
4. *Section 43 16 23 Part 2.03.B. Coal tar epoxy coating has been banned due to its mutagenic and carcinogenic properties. It is suggested to replace this system with 16 mils epoxy, applied in 3 coats.*  
See changes listed above to the Specifications.
5. *It is suggested adding a section regarding the field testing, using high frequency pressure transducers to record the pressures in the system following pump trip, to verify the effectiveness of the surge tanks.*  
Specification will remain unchanged, but Contractors can assume to utilize the pressure transducers to confirm the performance of the surge tanks in line with the requirements of Section 43 16 23 Part 3.06 A.
6. *Is Charlotte Water and/or Brown and Caldwell intending to witness the factory performance testing for the pumps?*  
Yes. Assume one Charlotte Water representative and one Brown and Caldwell representative will be present.

## ATTACHMENTS:

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None.




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Laura Reid, PE  
Project Manager