



## Addendum No. 2

January 2, 2024

Re: Upper Wilson Pond Dam Improvements Project  
Town of Swanzey

From: DuBois & King, Inc.  
Charles Johnston, P.E.  
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South Burlington, Vermont 05403  
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To: Prospective Bidders

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents issued for the Upper Wilson Pond Dam Improvements Project dated December 1, 2023. Acknowledge receipt of this Addendum in the space provided on Page 3 of the Bid Form. Failure to do so will subject the Bidder to disqualification.

### **I. Contract Document (Bid Document) Changes** Bid Advertisement/Bid Period

Reminder that the bid period was extended one week to **January 5, 2023 at 2:00 P.M.**

### **II. Questions & Answers**

Question 1: *Specification Section 02360 "Steel Sheet Piling"*

*What is the coating system that is referred to in the specification?*

Clarification: No coating system is required for the steel sheet pile system

*What is the purpose of the cap referred to in the specification?*

Clarification: No cap is required for the steel sheet pile system. The intent is that the top of the sheet pile will be driven/cut one-foot below the finished grade elevation.

Question 2: *What is the purpose of using the 12x6 DI Flex-Ring fitting for the Dry Hydrant Section?*

The pond drain system is depicted as a 12-inch diameter ductile iron pipe system with gate valve. Prior to the gate valve, a 12-inch by 12-inch by 6-inch tee is depicted to allow flow to a 6-inch diameter ductile iron pipe for the hydrant

system. The Contractor may use this fitting to avoid the use of a 12x12x6 tee system, however, it is expected both gate valves are located within the valve pit depicted on Sheet 12 of the bidding plans.

Question 3: *Would you have a copy of the Pipe Scheduled that is called out in section 02605(02605-1) of the Spec sheet?*

A pipe schedule was not included. An approximate piping system is depicted on Sheet 12. Final location of the hydrant is to be confirmed with Town Fire Chief. Layout of the piping system will be confirmed with Engineer prior to installation.

Question 4: *What is the required term for the warranty bond?*

As outlined on the Warranty Bond template in the bid documents the period obligations are outlined in Paragraph 15.08 in the Standard General Conditions. Paragraph 15.08 provides a one year period after the date of substantial completion. As outlined in the Agreement within the Bid Documents, the project is expected to be substantially complete on or before November 15, 2024.

Question 5: *Which pipes require testing (DI, PVC, PE) and what tests should be followed?*

The ductile iron pipes that are part of the pond drain system and dry hydrant system are required to be tested. The nongaseous pipe hydrostatic and leakage test as outlined in Section 01666 'Pipe & Manhole Leakage Testing' will be required.

Question 6: *A pipe manufacturer's representative onsite when pipe work is started, then periodically while pipe work is being performed and again when testing of the pipe work is performed - and would you require them to be there at any other times?*

Section 02605 'Buried Pipe and Fittings' outlines requirements for a 'competent field representation of the manufacturer' to inspect the first shipment of pipe, and make periodic schedule visits as the work progresses. It is not anticipated that the representative will be required unless testing for the piping system does meet requirements.

Question 7: *Onsite conforming gradation tests for filter sand, embankment material, topsoil, and structural fill and then additional gradation tests for every 25 CY of material placed?*

The required for on-site gradation testing as required in Section 02260 'Earth Dam', paragraph 3.07 "Field Quality Control" will be modified as follows:

Sample and perform gradation analysis of:

- Embankment Material for every 200 C.Y. placed
- Structural Fill and Filter Material for every 25 C.Y. placed.
- Topsoil for every 200 C.Y. placed

Question 8: *Is three compaction tests per 9" lift of filter sand, embankment material, and structural fill required?*

This is required. The largest part of backfill within excavation is depicted between Station 2+90 and Station 3+90, within which the labyrinth structure will be constructed. Estimating the deepest point of backfill at 15-feet, there may be approximately 20 lifts. Additional testing is required for shallower backfill sections on the dam such as on the abutments and the dike.

Question 9: *Does native/existing topsoil need to be tested for gradation, pH, and organics?*

Native/existing topsoil may be stripped and stockpiled for reuse. Testing may be not be required by the Engineer depending upon condition, i.e. generally free from stones, lumps, stumps or similar objects larger than 2-inches in diameter, roots and weeds.

Question 10: *Are operation and maintenance manuals required?*

Contractor shall provide operation and maintenance manuals for the pond drain and hydrant systems.

**This document constitutes Addendum 2 for this Project.**