



State of Washington  
**DEPARTMENT OF FISH AND WILDLIFE**

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Office Location: 600 Capitol Way North, Olympia, WA

August 12, 2020

TO: ALL PLAN HOLDERS

SUBJECT: Eells Springs Hatchery Redevelopment – Distribution Box And Office/Storage  
Building  
MN:H107:2020-1  
**ADDENDUM 1**

The following changes and /or revisions constitute Addendum Number **1** and are hereby made part of the Drawings and Specifications.

**SPECIFICATIONS:**

The Specifications are amended as follows:

**DIVISION 2 – SITE WORK**

**SECTION 02955 – UNDERGROUND PIPE RESTORATION**

REVISE THE SENTENCE that reads:

1.04 SUBMITTALS

- A. “Prior to starting work, submit one set of the following items in accordance with section 00704.03 of the GENERAL CONDITIONS:
1. Certification from liner manufacturer that Contractor is approved installer
  2. Field test results from two similar cured in place pipe (CIPP) projects over the last three years.
  3. Design calculations for wall thickness.
  4. Certification of factory hydrostatic testing.
  5. Copies of certified independent laboratory tests on the liner showing values for short term Flexural Modulus of Elasticity, Flexural Strength, Tensile Strength and other related properties. The testing laboratory must be a certified independent facility not affiliated with the proposed CIPP manufacturer/installer.

6. Piping, fittings and appurtenant items which will be utilized in mechanical coupling system.
7. Edge guards or other means of protecting the liner from host pipe edges at insertion points
8. Inspection reports and videos made before and after host pipe cleaning.

B. Prior to final acceptance, submit the following:

1. Inspection reports and videos made before and after liner installation.
2. Copy of test reports for QA/QC of installation and curing process.”

TO READ:

1.04 SUBMITTALS

A. “Prior to starting work, submit one set of the following items in accordance with section 00704.03 of the GENERAL CONDITIONS:

1. Certification from liner manufacturer that Contractor is approved installer
2. Certification of factory hydrostatic testing.
3. Piping, fittings and appurtenant items which will be utilized in mechanical coupling system.
4. Edge guards or other means of protecting the liner from host pipe edges at insertion points
5. Inspection reports and videos made before and after host pipe cleaning.

B. Prior to final acceptance, submit the following:

1. Pressure test report.”

**DIVISION 2 – SITE WORK**

**SECTION 02955 – UNDERGROUND PIPE RESTORATION**

REVISE THE SENTENCE that reads:

2.02 LINER SIZE AND LENGTH

- B. "The length of the liner shall be of sufficient length to effectively span the distance and carry out the insertion and seal of the liner at the end points. The Contractor shall verify the lengths in the field before cutting the liner to length. "

TO READ:

- B. "The length of the liner shall be of sufficient length to effectively span the distance and carry out the insertion and seal of the liner at the end points. The Contractor shall cut the liner to length after it is pulled through the pipe."

**DIVISION 2 – SITE WORK**

**SECTION 02955 – UNDERGROUND PIPE RESTORATION**

REVISE THE SENTENCE that reads:

3.03 INSTALLATION, TESTING & INSPECTION

- A. "The Contractor shall designate a location where liner will be prepared for installation, allowing the Engineer and/or his representative access to inspect the materials.
- B. Insertion of the liner shall be per Manufacturer's specifications.
- C. Install the termination fittings, connect to the host pipe and close the flexible liner, turning it into round shape using compressed air according to the Manufacturer's specifications.
- D. Perform a leak test and preliminary television inspection with video recording of the newly installed liner to determine if the liner is properly installed. If results are acceptable then this shall become the final TV inspection.
- E. If leak test or television inspection detect problem areas, make corrections, re-test and re-inspect until satisfactory.
- F. Provide Owner with a video showing the pre-lined and post-lined condition of the water supply pipe interior."

TO READ:

3.03 INSTALLATION, TESTING & INSPECTION

- A. "The Contractor shall designate a location where liner will be prepared for installation, allowing the Engineer and/or his representative access to inspect the materials.

- B. Insertion of the liner shall be per Manufacturer's specifications.
- C. Install the termination fittings, connect to the host pipe and close the flexible liner, turning it into round shape using compressed air according to the Manufacturer's specifications.
- D. Perform a pressure test for the newly installed liner to determine if the liner is properly installed. If results are acceptable then this shall become the final TV inspection.
- E. Provide Owner with a video showing the pre-lined condition of the water supply pipe interior."

## **DIVISION 2 – SITE WORK**

### **SECTION 02955 – UNDERGROUND PIPE RESTORATION**

REVISE THE SENTENCE that reads:

#### 3.04 COMPLETION

- A. "After final television inspection showing satisfactory lining results is completed, connect the newly lined segment at each end to the existing pipeline as necessary to restore continuous, leak-free flow from the intake to the hatchery building."

TO READ:

#### 3.04 COMPLETION

- A. "After final hydrostatic pressure test showing satisfactory lining results is completed, connect the newly lined segment at each end to the existing pipeline as necessary to restore continuous, leak-free flow from the intake to the water distribution box."

**END OF ADDENDUM NUMBER 1**

Sincerely,



Glenn F. Gerth, P.E.  
Chief Engineer  
Capital and Asset Management Program

cc: Eric Nicolai, Project Manager  
Contract File  
Project Folder