

**ADDENDUM 1
TO THE CONTRACT PROVISIONS AND CONTRACT PLANS**

FOR

**CITY OF BURLINGTON
WASTEWATER TREATMENT PLANT PRIMARY CLARIFIER MECHANISM
REPLACEMENT**

G&O #19480

ISSUED THIS DATE: FRIDAY, JANUARY 24, 2020

**BID OPENING: 2:00 P.M. (LOCAL TIME) ON
THURSDAY, JANUARY 30, 2020
CITY OF BURLINGTON
833 SOUTH SPRUCE STREET
BURLINGTON, WASHINGTON 98233**



Bidder shall acknowledge receipt of this Addendum on Page P-4 of the Proposal.

TO PROSPECTIVE BIDDERS:

The attention of all prospective bidders on the above project is directed to the following additions and modifications to the Contract Provisions and Contract Plans.

**I. ADDITIONS, MODIFICATIONS, AND/OR DELETIONS TO THE
TECHNICAL SPECIFICATIONS**

ITEM NO. 1:

Page 01110-1, Specification Section 01110-1.1, SCOPE OF WORK

Under subsection B, **DELETE** the word "sandblasting" and **REPLACE** it with the following:

"surface preparation"

ITEM NO. 2:

Page 09900-8, Specification Section 09900-2.2 F., EXISTING CONCRETE SURFACES SHOWN TO BE PAINTED

REVISE this Section as shown below (added text is italicized, deleted text is shown as strike out):

“F. EXISTING *NON-IMMERSED* CONCRETE SURFACES SHOWN TO BE PAINTED

1. Scope

This Section shall apply to concrete surfaces, including Primary Clarifiers launders, exterior walls, and top of walls; and clarifier splitter box exterior walls and top of walls, where noted on the Drawings and/or as specified herein. *This section does not apply to the effluent launders, which consists of the concrete surface between the interior top of the wall, and the v-notch weir. The launders shall be painted in accordance with paragraph 2.2 G. of this section.* Coat following installation of pipe penetrations and grout, but prior to mechanical attachment of structures, restraints, ~~Supports~~ *supports*, or equipment to concrete surfaces and prior to caulking.

2. Surface Preparation

All exterior surfaces to be coated shall receive a high-pressure wash -- 3,500 PSI at 3.5 gallons per minute minimum, using a 0 degree rotating nozzle.

Grout all joints, pipe penetrations, lift holes, and hardware pockets with Tnemec Series 218 MortarClad, prior to providing surface filler coat.

3. Coatings

Primer System:

Coat One

Product: Tnemec Enduratone Series 1029

MDFT: 2.0 to 3.0 mils

Finish System:

Coat One

Product: Tnemec Enduratone Series 1029

MDFT: 2.0 to 3.0 mils

Total field applied MDFT: 4.0 to 6.0 mils”

ITEM NO. 3:

Page 09900-9, Specification Section 09900-2.2 PAINT SYSTEMS.

ADD the following to the end of this section:

“G. EXISTING IMMERSED CONCRETE SURFACES SHOWN TO BE PAINTED

1. Scope

This Section shall apply to all interior concrete surfaces of the clarifiers, including the effluent launder between the top of the interior wall and the V-notch weir. Color shall be as approved by the Owner through the submittal process.

2. Surface Preparation

Coated Surfaces: SSPC-SP16 to provide a 1.5 -2.0 mil surface profile. Bare Concrete Surfaces: SSPC SP 13 Abrasive Blast ICRI CSP-3 profile. Surface shall be clean, dry, and free of contaminants. For repair, mechanically abrade coating surface to provide the ICRI CSP-3 profile.

3. Surface/Filler

Product: Tnemec Series 218 Mortar Clad
MDFT: Apply 1/32 inch and to fill any bugholes and surface voids flush to plan of concrete. Provided a monolithic, pinhole-free surface. Provide multiple coats of filler as required.

4. Coatings

Coat One

Product: Tnemec Series N69 Epoxoline
MDFT: 6 to 8 mils

Coat Two

Product: Tnemec Series N69 Epoxoline
MDFT: 6 to 8 mils

Total MDFT: 12 to 16 mils”

ITEM NO. 4:

Page 11335-4, Specification Section 11335-2.1, APPROVED MANUFACTURERS

REVISE this the first sentence of the first paragraph as shown below (added text is italicized, deleted text is shown as strike out):

The circular primary clarifier mechanisms shall be by WesTech Engineering, Inc. Model COPC2, or equivalent equipment manufactured by Ovivo (Eimco), Evoqua (Envirex), Walker Process Equipment, ~~or Envirodyne Systems,~~ *or Eimco-RSG.*"

ITEM NO. 5:

Page 11335-7, Specification Section 11335-2.7, WALKWAY AND PLATFORM

REVISE the first paragraph as shown below (added text is italicized, deleted text is shown as strike out):

"The 36-inch-wide walkway and platform with handrails shall be supported by the outer concrete wall and the center column. The walkway shall be designed to safely withstand a live load of 50 pounds per square foot. It shall consist of two trusses or beams with ~~1/4 inch galvanized steel checkered plate~~ *1-1/2-inch thick serrated aluminum grating* between the beams. Handrails shall be 42 inches high, of triple-row 1-1/2-inch diameter horizontal Schedule 40 Aluminum pipe, and kickplates on both sides shall be included."

ITEM NO. 6:

Page 16010-2, Specification Section 16010-1.5 B., Hazardous (Classified) Areas

ADD the following new subsection 2:

- "2. The following area shall be considered Class I, Division 2: Interior of the primary clarifiers and splitter box between the two clarifiers, from the water surface to the top of the clarifier and splitter box walls; envelope 18 inches above the top of the clarifiers and splitter box and extending 18 inches beyond the exterior walls; and envelope 18 inches above grade extending 10 feet horizontally from the exterior tank walls."

II. ADDITIONS, MODIFICATIONS, AND/OR DELETIONS TO THE CONTRACT PLANS

ITEM NO. 1:

SHEET M3-3, MODIFICATIONS PLAN

REPLACE the last sentence of Note 2 with the following:

“ALL INTERIOR CONCRETE SURFACES OF THE CLARIFIERS SHOWN TO BE PAINTED, INCLUDING THE EFFLUENT LAUNDER BETWEEN THE TOP OF THE INTERIOR WALL AND THE V-NOTCH WEIR SHALL BE COATED IN ACCORDANCE WITH SECTION 09900-2.2 G. OF THE SPECIFICATIONS.”

ITEM NO. 2:

SHEET M3-4, MODIFICATIONS PLAN

REPLACE the last sentence of Note 1 with the following:

“ALL INTERIOR CONCRETE SURFACES OF THE CLARIFIERS SHOWN TO BE PAINTED, INCLUDING THE EFFLUENT LAUNDER BETWEEN THE TOP OF THE INTERIOR WALL AND THE V-NOTCH WEIR SHALL BE COATED IN ACCORDANCE WITH SECTION 09900-2.2 G. OF THE SPECIFICATIONS.”