

ADDENDUM NO. 2
TO THE
CONTRACT DOCUMENTS
FOR
SANITARY SEWER PUMP STATION NO. 2 UPGRADE
FOR
CITY OF TROUTDALE

THIS ADDENDUM IS HEREBY MADE A PART OF THE CONTRACT DOCUMENTS TO THE SAME EXTENT AS THOUGH IT WERE ORIGINALLY INCLUDED THEREIN.

BIDDERS MUST ACKNOWLEDGE RECEIPT OF ALL ADDENDA ON THE BID PROPOSAL FORM. BID PROPOSALS THAT FAIL TO ACKNOWLEDGE ALL ADDENDA MAY BE CONSIDERED IRREGULAR AND MAY BE REJECTED.

ALL PLANHOLDERS ARE REMINDED THAT THE FIRST TIER SUBCONTRACTOR DISCLOSURE FORM MUST BE SUBMITTED TO THE CITY RECORDER WITH THE BID AS REQUIRED BY THE TROUTDALE MUNICIPAL CODE. **THEREFORE, FIRST TIER SUBCONTRACTOR DISCLOSURE FORMS ARE DUE NOT LATER THAN 2:00 PM ON FEBRUARY 10, 2022.** FAILURE TO SUBMIT THE FIRST TIER SUBCONTRACTOR DISCLOSURE FORM BY THAT TIME WILL RESULT IN THE BID BEING FOUND NON-RESPONSIVE.

ISSUED THIS 4TH DAY OF FEBRUARY 2022.

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Vancouver, WA 98660
(360) 448-4230

ITEM NO. 1 – BID FORM – BID SCHEDULE

Replace the Bid Schedule with the attached Bid Schedule.

ITEM NO. 2 – SPECIAL PROVISIONS

Add the following Special Provision:

00170.70 Insurance

(c) Additional Insured – revise the first sentence to read as follows:

The liability insurance coverages of 00170.70(a) shall include as Additional Insureds, but only with respect to the Contractor's activities to be performed under the Contract, the following: (1) the Agency, the Agency's governing body, board, or Commission and its members, and the Agency's officers and employees, (2) the Oregon Department of Transportation, and (3) Tri-Met.

ITEM NO. 3 – TECHNICAL SPECIFICATIONS – SECTION 01 12 16 WORK SEQUENCE

Replace subsections 1.4.D.2 and 1.4.D.3 with the following:

2. During a temporary shutdown of the existing pump station, the CONTRACTOR will first drain the existing force main. CONTRACTOR shall convey sewage from the existing wet well using a vactor truck and dispose at the OWNER's wastewater treatment plant (pump-and-haul). The CONTRACTOR shall provide at a minimum two (2) vactor trucks for pump-and-haul operations. The OWNER will then clean and inspect the existing force main. The OWNER will perform force main cleaning and inspection operations during normal business hours and anticipates completing operations within three (3) days. At the end of each work day, after OWNER has stopped cleaning and inspection operations, the existing pump station will be placed back into service and CONTRACTOR will cease pump-and-haul operation. Prior to OWNER resuming cleaning and inspection operations the following day, CONTRACTOR shall drain the existing force main and resume pump-and-haul operations. This process will repeat until OWNER completes cleaning and inspection operations of the existing force main. Measurement and payment of the pump-and-haul operations shall be on unit price basis as defined in Section 01 22 20 Unit Price Measurement and Payment.
3. During a temporary shutdown of the existing pump station, the new force main will be connected to the existing force main. CONTRACTOR shall convey sewage from the existing wet well using a vactor truck and disposing at the OWNER's wastewater treatment plant or at OWNER-approved downstream manhole. Once the new force main and connection are tested and functional, CONTRACTOR shall install a bypass pumping system in the manhole upstream of the existing pump station and connect the discharge to the bypass connection in the new pump station valve vault. Once the bypass system is tested and

functional, the existing pump station can be taken off-line for conversion to a manhole and installation of the gravity sewer between the existing wet well and new wet.

ITEM NO. 4 – TECHNICAL SPECIFICATIONS – SECTION 01 22 20 UNIT PRICE MEASUREMENT & PAYMENT

Add the following subsection:

10. Sewage Pump-and-Haul: Measurement of sewage pump-and-haul operations shall be per day. Payment will be payment in full for furnishing all equipment, labor, and incidentals necessary to provide sewage pump-and-haul operations during city cleaning and inspecting of the existing sanitary sewer force main as required in section 01 12 16 Work Sequence. The CONTRACTOR shall provide a breakdown of contract price as required by section 01 33 00, Submittal Procedures.

ITEM NO. 5 – TECHNICAL SPECIFICATIONS – SECTION 09 90 00 PAINTING AND COATING

Add the following subsection 2.3.B.12:

12. Coating System 211

- a. Location – Wet well interior concrete surfaces where shown.
- b. Surface Preparation – Repair and surface prepare substrate per manufacturer's recommendations.
- c. Coating System – Solvent-free 100% solids, ultra-high build two-component epoxy coating system, thixotropic in nature and filled with select fillers to minimize permeability and provide sag resistance with high physical strengths and broad range of chemical resistance. Coating shall be meet these requirements:

Product type	Amine cured epoxy
Color	Light Blue
Solids Content (vol %)	100
Mix Ratio	3:1
Compressive Strength, psi	18,000
Tensile Strength, psi	7,600
Tensile Elongation, %	1.50
Flexural Modulus, psi	600,000
Hardness, Type D	88
Bond Strength - Concrete	>Tensile Strength of Concrete
Chemical Resistance:	
Severe Municipal Sewer:	All types of service

Successful Pass: Sanitation District of L.A. County
Coating Evaluation Study
or SSPWC 210.2.3.3

- d. Epoxy coating system shall be applied by a certified applicator of the epoxy coating manufacturer and according to manufacturer specifications.
- e. Coating shall be Raven 405 or approved equal. The coating shall be applied with minimum thickness of 120 mils.

ITEM NO. 6 – TECHNICAL SPECIFICATIONS – SECTION 09 90 00 PAINTING AND COATING

Reference Subsection 3.8 Coating Schedule, Concrete Wet Well. Replace the Coating System with the following: “Coating System 210 or 211”

ITEM NO. 7 – TECHNICAL SPECIFICATIONS – SECTION 43 21 39 SUBMERSIBLE LIQUID PUMPS

Replace subsection 2.1.A.2 with the following:

- 2. The City of Troutdale Local Contract Review Board has adopted a brand name specification for Flygt pumps for sanitary sewer pump stations. Requests for approved equals for this product will not be accepted or considered.

END ADDENDUM NO. 2

BID SCHEDULE**Type or hand print legibly**

Item No.	Description	Estimated Quantity	Unit of Measure	Unit Price	Total Price
1	Mobilization, Bonds, Insurance and Demobilization	<u>1</u>	<u>LS</u>	<u></u>	<u></u>
2	Pump Station, Complete	<u>1</u>	<u>LS</u>	<u></u>	<u></u>
3	Temporary Work Zone Traffic Control, Complete	<u>1</u>	<u>LS</u>	<u></u>	<u></u>
4	Erosion Control	<u>1</u>	<u>LS</u>	<u></u>	<u></u>
5	Removal of Walks	<u>12</u>	<u>SY</u>	<u></u>	<u></u>
6	Removal of Surfacing	<u>4</u>	<u>SY</u>	<u></u>	<u></u>
7	Level 3, ½" ACP Mixture	<u>10.6</u>	<u>TON</u>	<u></u>	<u></u>
8	Concrete Curbs	<u>56</u>	<u>LF</u>	<u></u>	<u></u>
9	Concrete Walks	<u>108</u>	<u>SF</u>	<u></u>	<u></u>
10	Sewage Pump-and-Haul	<u>3</u>	<u>DAY</u>	<u></u>	<u></u>

TOTAL OF BID**\$**