

**ADDENDUM #1  
FORMAL BID 2022-121**

**KITSAP COUNTY PUBLIC WORKS WASTEWATER DIVISION  
CENTRAL KITSAP TREATMENT PLANT DIGESTER REHABILITATION AND  
MODIFICATONS**

**April 22, 2022**

**TO:** All Respondents  
**FROM:** Glen McNeill, Buyer  
**CLOSING DATE:** May 4, 2022 @ 3:00 PM  
**REF NO.:** Central Kitsap Treatment Plant Digester Rehabilitation and Modifications  
**DATE:** April 22, 2022

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The purpose of this addendum is to modify the Contract Documents for the referenced project. This addendum shall become a part of these Contract Documents. Bidder shall acknowledge receipt of this 3-page addendum (including attachments) on the Bid Form.

**THE CONTRACT DOCUMENTS ARE MODIFIED AS FOLLOWS:**

**TECHNICAL SPECIFICATIONS**

Item 1. Replace page 3 of Specification Section 40 05 10.07 HDPE Pipe (40 05 10.07-3) with the attached page 40 05 10.07-3.

**APPENDICIES**

Item 2. ADD attached Appendix G – Pre-Bid Meeting Sign-in Form

**End Addendum #1**

## 2.2 PIPE DESIGN

- A. General: HDPE pipe shall be designed in accordance with the requirements of ASTM 3350 and PPI-TR4 3408 with hydrostatic design basis (HDB) of 800 pounds per square inch (psi) at 73 degrees Fahrenheit (F) as applicable and as modified in this Section.
- B. Pipe Wall Thickness for Internal Pressure: The pipe shall be designed with a net thickness to withstand the design pressure in accordance with the ASTM D2837 Obtaining Hydrostatic Design Basis for thermoplastic pipe materials.
- C. Pipe Wall Thickness for External Load: The pipe shall also be designed with a net thickness to withstand external loads using Pipe Manufacturer Safe External Pressure by 50-year load duration, standard dimension ratio (SDR) rating, and anticipated water service temperature of 60-80 degrees F. Short term Safe External Pressures shall also be monitored and shall not be exceeded during construction.
- D. Ultraviolet (UV) stabilizer and color shall be black with minimum 2 percent carbon black.

## 2.3 MATERIALS

- A. Pipe: ANSI/AWWA C906, Standard PE Code Designation - PE 3608, minimum cell classification - PE 345464C (ASTM D3350), ductile iron pipe size (DIPS) outside diameter (OD). All HDPE pipe and fittings shall be of the dimension ratio (DR) 17, minimum 100 psi rating, unless otherwise shown on the plans.
- B. Joints: Pipes shall be joined using thermal butt fusion method ~~only~~ per ASTM D3261 and HDPE flange adapters with stainless steel backup rings and hardware. In each digester, up to four (4) HDPE flange adapter pairs may be used at locations approved by the Engineer.
- C. Fittings: HDPE fittings shall be of the same class as or higher-pressure rating than the HDPE piping.
- D. Connections with other pipe types: Connections with other pipe types shall be with PE flange adapter.

## 2.4 SPECIALS AND FITTINGS

- A. Fittings for HDPE pipe shall conform to the requirements of ASTM D-3350 and shall have a minimum pressure rating of 80 psi.

## 2.5 DESIGN OF PIPE

- A. General: The pipe furnished shall be HDPE pipe, with butt fusion jointing.

Kitsap County Public Works Wastewater Division

Formal Bid 2022-121

Central Kitsap Treatment Plant Digester Rehabilitation & Modifications

Mandatory Pre-Bid Sign In Sheet

Tuesday, April 19, 2022 @ 1:00pm

**PLEASE WRITE LEGIBILITY – PLEASE LEAVE BUSINESS CARD**

Name	Company	Phone	Email
Naomi Pavlizek	Laboreers Union	253-219-1916	naomi@laboreers local 252.org
Alex McCoy	Stellar J	360 225 7996	Bids@stellarj.com
ERICKA DAY	Synagro Technologies	772-971-6286	eday@synagro.com
MARK SHERBESMAN	MCCLORK AND SONS INC	425-316-6999	MSI BIDS@MCCLORK ANDSONS.COM.
Will Murphy	Xylen Deventry	253-259-1384	will.murphy @xylen.com
Nick Munch	SSI	360-620-3279	NICK.MUNCH @SSIMECH.COM
Kiely Carpenter	JMG CONSTRUCTORS	360-731-7497	INFO@ JMGCONSTRUCTORS.COM
Greg Forsyth	Triton Marine	360-373-7090	gforsyth@tritonmarine.us