CITY OF MERCER ISLAND
9611 SE 36th Street
Mercer Island, WA 98040

SEWER SCADA SYSTEMS REPLACEMENT

BID NUMBER: 22-31

ADDENDUM NO. 2
TO THE CONTRACT DOCUMENTS

ISSUED THIS DATE: OCTOBER 25, 2022

BID OPENING: 2:00 PM (PST) ON THURSDAY, NOVEMBER 3, 2022

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED IN THE BID FORM

TO PROSPECTIVE BIDDERS:

The attention of all prospective bidders for the above project is directed to the following questions/answers and modifications to the Contract Documents.

Answers to Bidder's Questions:

Ref No.	Location and Description of Change
Q-1	*It says in the specifications that the City is replacing the existing SCADA/HMI system under a separate contract. Can you tell me who will be doing that work? Seems like we need to be working with the same contractor to make it a smooth transition? Please let us know that information?* Answer: The SCADA HMI/PLC/RIO/OIT programming is being provided by the Owner's Programmer, Brown and Caldwell, as defined in Section 40 61 13 1.04.B.8. Coordination with the Owner's Programmer during testing, startup, and commissioning is defined in Sections 40 61 13 and 40 61 21.
Q-2	*Can you tell us who recently upgraded the remote communications system between the sewer pumps?* Answer: The Owner has upgraded the remote communications systems as described in Section 01 11 00 1.01.D.3.
Q-3	*Are the pump stations considered confined spaces and need to be monitored as such with ventilation, etc.?*

Ref No.	Location and Description of Change
	Answer: Area classifications are identified on plan drawing I-XX701 for each station. For example, drawing I-01701 identifies any area classifications for Pump Station 1. A summary of area classifications for the various project sites is also included in 26 05 00 1.05.C.1. As described in Section 01 11 00_Summary of Work Attachment A, reference P (NFPA 820 Assessment), pump station dry wells are declassified by meeting ventilation requirements described in the NFPA 820 Assessment report. Recommendations to declassify the dry wells are being implemented by the Owner prior to construction.
Q-4	*Is it the intent of the City to have us provide and install all new conduit and wiring at each of the pump stations per note 11 in specification section 01 11 00-3? To expound, do we need to run new conduit and wiring for everything electrical in each of the pump Stations? Please advise?* Answer: The summary of work in Section 01 11 00 1.01.C.11 is general in nature. Refer to the circuit and raceway schedules provided on drawings I-XX701 and I-XX801 for new conduit and wiring for each station. Otherwise, existing conduit/wiring is to be reused and reconnected at the new PLC panel. Input/output card drawings and power distribution drawings show wiring as new/existing, as appropriate.
Q-5	*[XXX] is a UL-508A industrial control panel shop and would like the opportunity to supply the PLC's, RIO's, and other control panels for the above project. Can a quote be submitted direct to the city or does the city of Mercer Island use some form of vendor registry? Please let me know how we can be considered for this work.* Answer: Per the Bidder's Checklist, bidders must bid on all items contained within the Bid Form. Bidders shall submit bids in PDF format to the Public Works email address at: publicworks@mercerisland.gov as defined in the Advertisement for Bids. Interested bidders can register on the Builders Exchange of Washington, Inc. at http://www.bxwa.com.
Q-6	*Can we have a bid date extension on this project by at least 7 days?.* Answer: No extension will be provided.
Q-7	*Will the wet wells be active? Will they be cleaned prior to any possible entry?* Answer: The wetwells will continue to be active throughout installation/construction. It is unlikely that wetwell entry will be necessary. In the event wetwell entry is necessary, the wetwells historically have been entered 'as is' during normal operation.

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Q-8	*Drawing D-01002 note 6 states to remove (3) abandoned float switches. Are these float switches inside the wet well?* Answer: Yes, the abandoned level float switches are located in the wetwell. Remove abandoned level float switches, along with any associated abandoned wiring from the float switches to the existing PLC panel, as indicated on drawing D-01002, key note 6.
Q-9	*Drawing D-01021, I-01701 General Note 2 states to reference HDR Engineering drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference D (Pump Station No. 1, 12, & 13 Plan and Sections), Pump Station 1 reference.
Q-10	*Drawing I-01701 Note 4 states to coordinate with owner on FOGRod installation location in wetwell. It looks as if this FOGRod is existing as it is not bold line. Is this FOGRod existing or new? Is there work inside the wetwell for this note? Is the connection outside of the wetwell?* Answer: The FOGRod for Pump Station 1 is existing. Drawing I-01701 key note 4 and drawing I-01013 key note 1 refer to coordination with the Owner to locate the FOGRod in the wetwell and adjust the existing FOGRod's positioning within the wetwell to align the setpoint positions of the FOGRod output contacts. The existing FOGRod manufacturer cable is routed inside the dry well, to be terminated in the new IS Panel. Refer to drawing I-01701 for raceway.
Q-11	*Are the Dry wells considered corrosive areas?* Answer: Per Section 26 05 00 1.05.B, the Dry wells are not designated as corrosive.
Q-12	*Drawing D-04021, I-04701 General Note 2 states to reference Tetra Tech drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference G (Sewer Lake Line and P.S. No. 4 Replacement Project).

Ref No.	Location and Description of Change
Q-13	*Drawing I-04701 - Where is the Ventilation Vault in reference to the Control Building?* Answer: The Ventilation Vault is located directly east of the Control Building as shown on plan drawing I-04701.
Q-14	*Drawing D-10021, I-10701 General Note 2 states to reference Carey & Kramer drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference A (Pump Station 10 As-Built Drawings), Pump Station 10 reference.
Q-15	*Drawing I-10701 Note 4 states to coordinate with owner on FOGRod installation location in wetwell. It looks as if this FOGRod is existing as it is not bold line. Is this FOGRod existing or new? Is there work inside the wetwell for this note? Is the connection outside of the wetwell?* Answer: The FOGRod for Pump Station 10 is existing. Drawing I-10701 key note 4 and drawing I-10013 key note 1 refer to coordination with the Owner to locate the FOGRod in the wetwell and adjust the existing FOGRod's positioning within the wetwell to align the setpoint positions of the FOGRod output contacts. The existing FOGRod manufacturer cable is routed inside the dry well, to be terminated in the new IS Panel. Refer to drawing I-10701 for raceway.
Q-16	*Drawing D-12021, I-12701 General Note 2 states to reference HDR Engineering drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference D (Pump Station No. 1, 12, & 13 Plan and Sections), Pump Station 12 reference.
Q-17	*Drawing D-13021, I-13701 General Note 2 states to reference HDR Engineering drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference D (Pump Station No. 1, 12, & 13 Plan and Sections), Pump Station 13 reference.
Q-18	*Drawing D-14021, I-14701 General Note 2 states to reference Parametrix drawings. Please provide these drawings.*

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	Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference K (Pump Station #14 Modernization Construction Drawings).
Q-19	*Drawing D-15021, I-15701 General Note 2 states to reference Carey & Kramer drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference B (Sewer Pump Station As-Built Drawings), Pump Station 15 As-Builts.
Q-20	*Drawing D-16021, I-16701 General Note 2 states to reference Carey & Kramer drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference B (Sewer Pump Station As-Built Drawings), Pump Station 16 As-Builts.
Q-21	*Drawing D-17021, I-17701 General Note 2 states to reference Carey & Kramer drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference B (Sewer Pump Station As-Built Drawings), Pump Station 17 As-Builts.
Q-22	*Drawing D-18021, I-18701 General Note 2 states to reference Carey & Kramer drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference B (Sewer Pump Station As-Built Drawings), Pump Station 18 As-Builts.
Q-23	*Drawing D-19021, I-19701 General Note 2 states to reference Carey & Kramer drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference B (Sewer Pump Station As-Built Drawings), Pump Station 19 As-Builts.
Q-24	*Drawing D-20021, I-20701 General Note 2 states to reference Carey & Kramer drawings. Please provide these drawings.*

Ref No.	Location and Description of Change
	Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference B (Sewer Pump Station As-Built Drawings), Pump Station 20 As-Builts.
Q-25	*Drawing D-21021, I-21701 General Note 2 states to reference Carey & Kramer drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference B (Sewer Pump Station As-Built Drawings), Pump Station 21 As-Builts.
Q-26	*Drawing D-22021, I-22701 General Note 2 states to reference Carey & Kramer drawings. Please provide these drawings.* Answer: Refer to Section 01 11 00_Summary of Work Attachment A, reference B (Sewer Pump Station As-Built Drawings), Pump Station 22 As-Builts.

Specifications:

Ref No.	Spec or Drawing	Location and Description of Change
2.01	40 63 43	**DELETE 2.02.C.2.a of Section 40 63 43 and replace with the following:** a. Part number: 6ES7155-6AU01-0BN0. b. Bus Adapter – 2 RJ45 Ports. Part number: 6ES7193-6AR00-0AA0.