
ADDENDUM NO. 2

2020 Wastewater Treatment Plant Improvements Effluent Pump Station Rehabilitation Phase 4

CCE Project No. C0183
PEC PROJECT NO. 11557

Prepared for:

CITY OF COVINGTON
317 N. Jefferson Ave.
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Prepared by:



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ADDENDUM NO. TWO (2)

DATE ISSUED: Friday, September 9, 2022

ORIGINAL BID DATE: Thursday, September 15, 2022

REVISED BID DATE: Thursday, September 22, 2022

BID TIME: 2:00 PM (Local Time)

This addendum shall be part of the Contract Documents as provided in the Instructions to Bidders.

The following items are issued to add to modify and clarify the Contract Documents. These items shall have full force and effect as the Contract Documents, and the costs involved shall be included in the Bid Prices.

Acknowledge receipt of the Addendum by inserting its number on Page 00300-1 of the Bid Documents. Failure to do so may subject the Bidder to disqualification.

CLARIFICATIONS

- Bidders are encouraged to visit the site before the bid date. Site visits shall be during the weekday at regular hours (8:00am to 3:30PM) while the staff is present, and it must be coordinated with the plant operator. See below for his contact information:

Mike Brandt
985-789-2789
mbrandt@covla.com

- The City of Covington currently has a VTScada Package with recently upgraded HMI software.
- Bypass Pump information will be addressed in the next addendum.

PLANS

- Sheet 4, Plan (Modified) and Section B (Modified) at the tie-in location, make a pen and ink correction and delete "New 18" Red Valve J-1 Wide Arch Expansion Joint w/ Retaining Rings and Control Unit (Or Equal)" and replace with "New 18" Dresser Coupling Style 38 (Or Equal)"

SPECIFICATION DOCUMENTS

- Sheet 11214-8, Part 2.03 "Motors," make a pen and ink correction and delete Paragraph 2.03A in its entirety and replace with the following:
 - "A. *Each pump shall be driven by a Vertical Solid Shaft TEFC Inverter Rated, Coro-Duty, electric motor, speed as listed in the data tables, 3/60/460 volt, 1.15 S.F. The motor nameplate horsepower rating shall not be exceeded by the brake horsepower requirements of the specified head and capacity requirements. Motor shall include refined balance, NRR, SS Hardware, space heaters, 50 degree C ambient, "B" rise at 1.15 S.F., VPI-1000 winding treatment. The maximum dry weight of each pump, including the driver, discharge head, column/shaft, and bowl assembly, shall be 8,000 lbs. The required horsepower shall not exceed the motor capacity and shall not overload at any location on the pump curve. Motor Horsepower's are listed in Table 11214 -1A.*"
- Sheets 11214-8 to 11214-9, Part 2.03 "Motors," make a pen and ink correction and delete Table 11214-1A in its entirety and replace with the attached Table 11214-1A.

**Table 11214-1A
EFFLUENT PUMP UNIT DESIGN REQUIREMENTS**

Item	Design Conditions
Pump Model	24 MA/MC (or equal)
Number of Pumps	2
Maximum Motor Speed (RPM)	1180
Motor to be Supplied (HP) – Inverter Rated	300
Number of Bowls	3 (max.)
Minimum Primary Capacity (GPM)	6,000
Minimum TDH at Primary Capacity (feet)	125
Minimum Pump Shut-Off Head at Primary Speed (feet)	225 (min.)
Minimum Pump Efficiency at Primary Capacity (%)	80%
Maximum NPSHR at Primary Capacity (feet)	30
Secondary Capacity (GPM)	3,500
Minimum TDH at Secondary Capacity (feet)	30
Minimum Run Out Capacity (GPM)	7,500
Maximum Total Dry Pump Weight (lbs)	8,000
Bowl Pressure Rating (PSI)	250
Minimum Column Wall Thickness	Sch. 30
Column and Discharge Size	18"/18"
Minimum Discharge Head Wall Thickness	0.375"
Minimum Pump Shaft Diameter	2.187"-2.69"
Minimum Column shaft Diameter	1.50"