

ADDENDUM NO. 2

TO CONTRACT DOCUMENTS FOR CITY OF LEAVENWORTH, WA, WASTEWATER TREATMENT PLANT IMPROVEMENTS PROJECT

THIS ADDENDUM IS DATED January 21st, 2019

TO ALL PLANHOLDERS:

The following modifications, additions, deletions, clarifications and/or information are hereby made a part of the Contract Documents and shall be fully binding upon the Contractor and the City of Leavenworth. **THIS ADDENDUM MUST BE ACKNOWLEDGED ON THE BID FORM (Page 2 of the pink sheets).**

BIDDERS QUALIFICATION STATEMENT

10. FINANCIAL INFORMATION

Delete last sentence in section.

SECTION 01 29 73 SCHEDULE OF VALUES

1.01 GENERAL

Add the following paragraph:

- C. Within 10 days after Award, Contractor shall provide the manufacturer's quotes to the Owner for each piece of major equipment that the bid is based on. Major equipment shall be any equipment with a manufacturer quote exceeding \$50K. The quotes will be used in review of the preliminary and final schedule of values. The manufacturer quotes are not a part of the Contract and in no way relieve the contractor of the requirements of the Contract.

SECTION 26 80 00 INSTRUMENTATION AND CONTROL

1.04 SPECIAL REQUIREMENTS

Add the following to paragraph D. Pre-approved Integrators:

- 8. Townsend Controls, Pasco, WA

2.03 INSTRUMENTATION:

C. GAS MONITOR

Clarification on paragraph 5: manufacturer of the GASMAX II is by GDS Corp, or equal. Two remote sensors with one controller is also acceptable.

SECTION 26 90 10 VARIABLE FREQUENCY DRIVES

VFD's located in MCC: Clarification: Section 269010.2.12 is correct. The existing MCC is by Cutler-Hammer. Reference attached photo "MCC Information". There is a mixture of new (SVX9000) and old (SV9000) style VFD's in the MCC. Existing Eaton/Cutler-Hammer SV9000 VFD's shall be replaced with SVX9000. All VFD's will require an Ethernet/IP communication module 'OPTCQ'.

SECTION 26 90 20 MOTOR CONTROL CENTERS

Clarification: 2.01.A: additional sections shall match and be compatible with existing MCC; Manufacturer Eaton/Cutler-Hammer (also in reference to the photo “MCC Information”).

SECTION 43 25 00 MIXED LIQUOR RECYCLE PUMPS

Delete paragraph 2.03 D. 3.

SECTION 43 41 42 DOUBLE WALL HD XLPE CHEMICAL STORAGE TANKS

2.02 MANUFACTURER

Add the following Manufacturer to Paragraph A: “Assmann Corporation of America”

SECTION 46 43 00 CLARIFIER EQUIPMENT

3.06 FIELD QUALITY CONTROL

C. Manufacturers Field Services:

Revise paragraph 1 as follows:

replace the word “mechanism” with “clarifier equipment and submerged effluent launder system”

In the last sentence, revise the number of days from “(5)” to “(7)”.

Delete paragraph 2.

SECTION 46 66 23 ULTRAVIOLET DISINFECTION SYSTEM

2.10 MANUFACTURER ON-SITE SERVICES:

Add the following paragraph:

- D. Temporary UV disinfection facility (per Section 01 90 00, 1.04 B. 5) shall include separate manufacturer on-site services as needed for start-up/commissioning of the temporary UV disinfection facility.

2.04 LOW FLOW RECIRCULATION PUMP:

Add the following paragraph:

- C. Temporary UV disinfection facility shall include provision for low flows.

SECTION 46 76 33 DECANTER CENTRIFUGE DEWATERING SYSTEM

1.03 SYSTEM DESCRIPTION

Add the following to the end of subsection B.

Items m. and q. may be furnished and installed by the installer under the direction of the manufacturer.

DRAWINGS

Sheet C2

Add the following general note:

8. Remove/replace sidewalk as required for installation of snow melt system as shown on sheet CE6.

Sheet C4

Replace all references to “ACP” with “pavement”.

Sheet CLP1

Add the following to Key Note 5:

Furnish and install removable grating to cover flow control box. Grating shall be as recommended in by the Clarifier manufacturer matching grating for the mechanism walkway. Grating shall be in accordance with details on sheet GA3.

Sheet FFP2

Revise filter feed lift station overflow inlet elevation in section B from 1099.50 to 1101.00. All references to the filter feed lift station overflow elevation in the Drawings shall be revised to this elevation. Flange by flange spool (note 32) shall increase in length as required to accommodate.

Add the following to Note 21. “Flare diameter shall be 24” at opening”.

Revise wet well top of concrete elevation from 1103.00 to 1103.50. Furnish and install steel access stairway with handrail per detail 3.1 on sheet GA4. Install concrete pad as needed for stairway base and anchoring. Location of access to be determined by the Owner.

Plan Sheet TS1

Add the following note to PLAN NOTES:

2. ADD BITUMINOUS COATING BEHIND ALL CONCRETE WALLS BELOW FINISHED GRADE AT ELECTRICAL AND MECHANICAL ROOMS.

Revise plan detail callouts as follows (2 places) from 7/TS3 to 7/TS1.

Plan Sheet TS2

Add the following note to details 2 and 3:

INSTALL 2” RIGID INSULATION INSIDE FACE OF 8” CONCRETE STEM WALLS BELOW SLAB AND ABOVE FOOTING

Plan Sheet TS3

Add the following note to detail 2:

2” RIGID INSULATION INSIDE FACE OF 8” CONCRETE STEM WALLS BELOW SLAB AND ABOVE FOOTING

Sheet BP1

Add the following to Note N13:

Remove pipe support, temporarily support pipe for concrete support removal and new wall constructions

Sheet BP3

Revise Detail 1.3 as follows:

Change N2 to “Gate. See specification 40 05 59”

Change N6 to “minimum”

Revise Detail 4.3 as follows:

Add the following to N7: “additional bracket(s) will be supplied and installed at no additional cost to the engineer if in the engineer’s sole opinion the guiderails are visibly deflecting under normal operations”

Add the following General Note: Contractor shall clear the floor area of solids, including biological sludge prior to setting the pump assembly. Attempts to clear the area of sludge shall include scheduled aerator shut down, and temporary installation of submersible pump in the area where the assembly will be placed, and probing the floor area to determine sludge thickness, in the presence of the Engineer’s representative. Pump assembly shall not be set in place until Engineer’s representative approves of the clearing of solids.

Sheet GS1

Revise the Wind Exposure Factor in the DESIGN LOADS section and PREFABRICATED METAL BUILDING SYSTEMS section from “1.0” to “C”.

Sheet I1.0

Change ‘Dewatering Building Control Panel (LCP-DW)’ should say ‘Dewatering Building Control Panel (LCP-SD)’.

Provide Ethernet cable from UV Building Control Panel to Building ‘PS1’ Ovivo SEL Control Panel.

Provide Ethernet cable from Dewatering Building Control Panel to Ovivo Oculus Control Panel.

Sheets I3.0/I3.1

Change Part numbers on drawings are incorrect and/or discontinued. Please use the following part numbers in reference to the Flygt Concertor Gateways and HMIs.

- FPG 414 = Pump Gateway
- FOP 315 = HMI

Sheet CE3

Provide Submerged Effluent Launder (SEL) system will require (1) 15A, 480VAC, 3-Phase circuit per clarifier for the Slide Gate Actuator; typical of 2 (one for each clarifier).

Provide (2) 1” conduits from UV Building to Building Pump Station No. 1 (PS1).

Provide (1) Ethernet cable from UV Building Control Panel to Clarifier SEL Control Panel.

The location of the SEL Control Panel shall be installed at an owner selected location between Clarifiers 1 & 2 (Interior or Exterior of building Pump Station No. 1).

Sheet CE4

Change Clarifiers are identified as ‘Secondary Clarifiers’ and are considered unclassified according to NFPA 820.

Sheets BPE2, SLE4

Provide Ovivo OCULUS Control Panel next to Local Control Panel ‘LCP-SD’ (Drawings SLE4; Dewatering Building), refer to specification 46 53 61. Provide 20A, 120VAC branch circuit for Control Panel power. The Ovivo Oculus Control Panel will require (1) DO and (2) ORP signals wired to the control panel.

Provide Ethernet Cable from ‘LCP-SD’ to Ovivo Oculus Control Panel.

* * * **END ADDENDUM 2** * * *

