

ADDENDUM NO. 4 – July 17, 2024

CTF Phase 3 Expansion, CIP WW 22-38

This addendum amends the Contract Drawings and Specifications for this project as follows:

1. See Revised Bid Schedule, Attachment A. All bids must be executed on this Bid Schedule.
2. Prime Contractor and Prime Contractor's proposed jobsite superintendent Qualification Statements (Attachments B and E, respectively), are due with Contractor's bid. Electrical and Concrete Sub-Contractors' Qualification Statements (Attachments C and D, respectively) are due within three days following bid opening. Prime Contractors self-performing concrete work do not need to submit Attachment C.
3. Installation of exterior WAS Pump shall commence immediately following contract execution and contractor mobilization. This task shall include all plumbing, electrical and SCADA control connections to enable use of new WAS pump in new location.

The following Requests for Information (RFI) have been received by the City, and are followed by the City's answer (A):

- R1: Spec section 08331 is a spec for an insulated coiling service door. Detail 2/A3.4.3 overhead door jamb is for a sectional door detail. Elevation AC3.2.1 detail shows sectional door with 1 full vision section. Please confirm if doors are coiling or sectional? If sectional, please submit sectional door spec. Please provide a door schedule with sizes on the 3 overhead doors.
- A1: The doors shall be sectional, non-coiling, and shall match existing roll-up glass-panel doors at the CTF.
- R2: The specs show that the bid shall be accompanied by the Warranty Bond Acknowledgement along with the bid bond. However, further down on the Execution of Contract, it shows that the Warranty Bond Acknowledgement will be required once bidder is successful. Which applies?
- A2: The Warranty Bond Acknowledgement shall be furnished by the successful low bidder at contract execution.

R3: What calendar days are City Holidays?

A3: The following days are City of Lathrop Holidays. No day listed below will be counted as a working day.

January 1st (New Year's Day)
3rd Monday in January (Martin Luther King Jr. Day)
3rd Monday in February (Presidents Day)
Last Monday in May (Memorial Day)
July 4th (Independence Day)
1st Monday in September (Labor Day)
November 11th (Veteran's Day)
Thanksgiving Day
Day after Thanksgiving
December 24th (Christmas Eve)
December 25th (Christmas)
December 31st (New Year's Eve)

R4: Describe the purchasing process for bid items 17, 18 and 19.

A4: For bid items 17. ALLOWANCE: Kovarus Membranes, Blowers, Instrumentation, Etc, 18. ALLOWANCE: Existing Neuros Blowers Modifications and 19. ALLOWANCE: Membrane Upgrade, the City will issue a joint check to the Contractor, and payable to the Manufacturer for the purchase. The contractor must store and protect all materials from delivery date to installation date.

R5: What are the allowable working hours for this Project?

A5: The Contractor may access the site from 6:00 AM to 6:00 PM. Access to portions of the site is restricted after 3:00 PM.

R6: Clarify the disposition of all salvaged materials and components from this project.

A6: Revise Lines 6, 7 and 9 of Sheet C3.1.0 to indicate that all items designated for "Salvage to the City" in said lines shall be the Contractor's responsibility for salvage or disposal.

R7: Sheet SS3.2.1 showing the MBR Tank structural design is lacking dimensions and elevations. Please provide additional information and details of the MBR Tank structural design.

A7: All dimensions are provided for these structures on the mechanical sheets, including M3.6.0.

R8: Is the funding for the Project in place already?

A8: Yes, project funding is secured.

R9: Clarify SWPPP requirements.

A9: Contractor shall implement City-provided and City's Consultant-inspected SWPPP.

R10: When was the engineer's estimate completed?

A10: March, 2024

R11: Please provide written descriptions of all bid items.

A11: See Spec Section 01010 Summary of Work.

R12: Please identify on the plans where the Operations Building (Bid Item 10) is located.

A12: See Item 21 on Sheet G3.4.0 and Sheet SS3.2.3

R13: Please identify on the plans where the Sludge Pad Concrete (Bid Item 11) is located.

A13: See Item 5 on Sheet C3.5.0

R14: Please coordinate discipline specific drawings such as structural and mechanical. Structural drawing do not include any elevations which need to be cross referenced to the mechanical drawings.

A14: Dimensions and elevations intentionally placed on Mechanical Sheets Only including M3.6.0

R15: Please provide structural details for the sumps listed in Note 6 on Sheet M3.7.3. Rebar details will need to be provided.

A15: Use Detail 06 on Sheet SS3.0.3

R16: Please clearly depict the limits of the PCC pursuant to Note 5 on Sheet C3.5.0. The limits on the North corner of this area are very unclear. Additionally, please clarify transition details from edge of PCC to dirt, AB, AC, etc.

A16: See Sheet C3.5.1 Sections A and B for Dimensions and widths of proposed pavement sections. Per Section B the PCC is 15' wide north of north edge of proposed winter storage building. Per Section A the proposed PCC extends east and ties into the existing Tesla Way Roadway within the plant in front of the dewatering building and winter storage area north and east of Northing/Easting Point 7.

R17: Please provide sections and details for the PCC and walls pursuant to Note 6 & 6A on Sheet C3.5.0.

A17: Intersection of footing and wall shall be flush with the proposed grade. Please advise if additional sections necessary.

R18: Please provide section and details for the PCC and Dewatering Building pursuant to note 6 & 6A on Sheet C3.5.0.

A18: Dewatering Building does not have Note 6/6A. Winter storage area has these walls at a minimum and shall be incorporated into the pre-engineered roof structure.

R19: Please provide design details of the concrete encasement for the trench drain pursuant to Note 1 on Sheet C3.5.0.

A19: Assume 8" wide by 8" deep curbs on each side of the trench drain with 8" bottom slab with #4 rebar at 12" O.C. and 4 x #4 bars parallel to the drain

R20: Please clarify Note 8 on Sheet C3.5.0.

A20: 6" PCC over 6" AB with single mat #4s as described in the note

R21: Do all CJs or Expansion Joints within the PCC need to be caulked?

A21: Yes

R22: Plan sheet G3.5.0 and sheet C3.2.0 indicate a Future and Proposed Sludge Dewatering Facility respectively. Assuming this is Bid Item 12 - Winter Sludge Storage Building, please confirm this is to be installed. And if it is to be installed, provide structural details, HVAC details, and a full engineered design representative of what is required.

A22: Winter storage building included, HVAC per mechanical and electrical design plans, facility structural and materials per the specification using pre-engineered design. Floor and bottom walls per Sheet C3.5.0.

R23: Please provide Structural and Mechanical As-Builts of Headworks Structures to be demolished.

A23: not available. Schedule site visit to obtain measurements if desired.

R24: Please provide limits of new concrete slab shown on Detail B - D3.1.1

A24: new concrete slab is bid adder for proposed new maintenance building

R25: Please clarify the procedure for inclement weather delays specified in General Conditions section 00700 -12.2.

A25: Please ignore 00700 12.2C. No working days will be charged on days when inclement weather prevents the prosecution of the controlling task or in conditions as specified in 00700 12.2A or 12.2B

R26: Does the City of Lathrop have a preferred security contractor that is used currently on this site, or other locations?

A26: The site is currently monitored by Bay Alarm. No incidents onsite over the past 3 major projects.

R27: Drawing C3.3.6, detail C, note 7: Construct access ladder per detail I/M.3.13.3. The detail called out is for a pressure and temperature gauge. Please provide detail on ladder.

A27: Provide OSHA Approved yellow fiberglass fixed ladder with easy-up safety mechanism at the top.

R28: Are there more details on the scope of work for the baffle wall repairs?

A28: Not available. Schedule site visit to obtain measurements if desired.

R29: If self-performing as the prime contractor, are we required to fill out the qualifications packages for concrete and electrical?

A29: Prime Contractor self-performing concrete work is not required to submit Concrete sub-contractor questionnaire. Prime Contractor is required to submit Electrical sub-contractor questionnaire unless Prime holds a C-10 / Electrical license.

R30: Are we providing the membrane? Are we installing or just providing for the plant operator to install later?

A30: Contractor to procure and install all MBR membrane systems including membranes.

R31: Can the City please define who is providing security?

A31: The site is currently monitored by Bay Alarm.

R32: Please confirm the size of WEG-302090. The valve list conflicts with the construction note.

A32: Use Detail C on Sheet M3.4.0

- R33: Please confirm FRP Baffle Wall lengths. These walls are noted as 37-ft and 39-ft on different pages.
- A33: A 3' Clear Opening shall be provided between the end of the baffle and the inside face of the exterior wall.
- R34: Section 17510 1. 1, B. references an Instrument Schedule attached to the end of this section. The instrument schedule is not included. Can you please provide the instrument schedule?
- A34: An Instrument Schedule is contained on Sheet M3.0.3
- R35: Sheet C3.3.0 note 13 states "CONSTRUCT NEW 6" WATER CONNECTION. CONSTRUCT 6" TAPPING SLEEVE AND VALVE PER CITY OF LATHROP STD. DETAILS." There is no tapping sleeve detail in the Lathrop Standard Details from Feb 2022. Please provide a detail for this.
- A35: Use Romac SST III (NSF61) or equal.
- R36: There are several references throughout the construction notes to sheet M3.11.2, which is not part of the drawings. Please provide this sheet, or update the construction notes to reference the correct drawing.
- A36: Refer to Sheet M3.13.2
- R37: Please provide and confirm Specification 11103 as Submersible Recycled Water Pumps pursuant to the T.O.C, and/or Vertical Turbine Recycled Water Pumps pursuant to the actual specification section.
- A37: TOC Mislabeled. Spec Section 11103 is Vertical Turbine Recycled Water Pumps - S5 Pumps as titled in the section.
- R38: Please provide a finish schedule for the buildings. Additionally, please also provide interior elevations.
- A38: Mech Bldg: See A3.4.1 for Door/Window Schedules and AC3.1.1 for Plan View Dims, see M3.8.2 for Vertical Dims, see HVAC Schedule ME3.0.2, Plumbing see P.3.0.0. Sludge Bldg: See AD3.1.1. for Plan View Dims, see M3.10.3 for Vertical Dims, see P.3.1.2 and P3.2.0 for Plumbing.
- R39: In the Architectural drawings, there are multiple details that are not referenced anywhere in the drawings. For example, A3.4.1/20 Aluminum Door Jamb or /17 H.M. Door Jamb at Mtl. Can you please reference these details on the drawings or remove if they are not applicable?
- A39: Will omit in conformed plans. Some jambs are referencing the Phase 2 Admin Bldg.

R40: For each Bid Item #4, #17, #18 and #19 will Allowances be increased to cover the cost of Taxes?

A40: Sales tax is included in bid item #4, Cat Wheel Loader. A Revised Bid Schedule adding sales tax to bid items 17-19 is included as Attachment A. All bids must be submitted on this Revised Bid Schedule.

R41: Will owner pay contractor the same terms that are included in Material Contracts for these Bid Items?

A41: No, see A42.

R42: 90% of Kovalus Membranes cost before any equipment is delivered is approximately \$2,289,654. Will owner be responsible for failure of any suppliers to complete their contracts after suppliers have been paid 90% before shipping?

A42: For bid items 17. ALLOWANCE: Kovalus Membranes, Blowers, Instrumentation, Etc, 18. ALLOWANCE: Existing Neuros Blowers Modifications and 19. ALLOWANCE: Membrane Upgrade, the City will issue a joint check to the Contractor, and payable to the Manufacturer for the purchase. The contractor must store and protect all materials from delivery date to installation date.

R43: Drawing M3.7.0 note 7 references ½" SST plate per A/M3.13.2. This appears to be the wrong detail and has no information on the ½" SST plate. Please provide design details for the plate or an updated reference detail.

A43: Omit all metal flow straightening systems on M3.7.0 and ADD a custom L-Shaped stainless flow shape to match existing provided by pump vendor.

R44: Drawing SS3.4.3 detail 225, note 5 calls for L4x4x1/4 grating supports. The detail does not specify material type. Do we have the option to provide aluminum or fiberglass per specification 05530 2.2, D, or should another material type be provided at this location?

A44: Per the Detail Referenced, 304 SS no equal for L grating supports.

R45: Specification 05500 section 2.6, A (and other sections) requires isolation coating for aluminum in contact with dissimilar metals. Does this coating need to be applied to the aluminum grating where it contacts the stainless-steel saddle clips on the top? This requires large areas of the grating to be coated to allow for the saddle clips' placement unless the coating is applied in the field during grating installation.

A45: No coating required where aluminum grating contacts the stainless L shaped concrete supports

- R46: At drawing SS3.2.2 where aluminum grating rests on painted steel supports. Does the paint on the steel qualify as an appropriate isolation coating between the dissimilar metals, or do we need to apply additional isolation coating to the bottom of the grating at these locations?
- A46: No additional coatings of the grating required. Provide 1/4" EPDM bearing strip between on all bearing surfaces.
- R47: The sludge dewatering system specification 11500 requires stainless-steel for that section to be pickled and passivated. This requirement is not mentioned in specification section 05500. Please confirm that no other SST on this project requires pickling and passivation such as the splash plates, cones, ramps, railings, and other metals in specification 05500.
- A47: See Spec 15030 for Stainless Material requirements.
- R48: Referencing drawing M3.7.1, Sections C and F. The pump is shown mounted directly on a concrete pad and doesn't have a motor connected to it. The motors are to be 7.5 HP rated. Typically we provide Vertical V-Belt Base for each pump.
- A48: Provide vendor supplied V-belt base mount metal system fastened to the concrete housekeeping pad.
- R49: The drawing M3.7.1, also references F/M3.13 – Pump Base; however, I could not locate it anywhere in the plans. Can you please provide this base detail?
- A49: See M3.13.4 Detail A.
- R50: Can you please clarify who is able to manufacture the chemical feed skid called out in Section 11108 Part 2.1? Blue-White is listed, but spec also states "The Chemical Feed System shall be the standard equipment of the supplier involved in the manufacture of similar type equipment". The statements appear contradictory, please clarify an approved manufacturer of the chemical feed skid.
- A50: Chem feed pumps shall be Blue-White no equal to match existing installation including programming and control.
- R51: Please provide specifications for the jack & bore / HDD to be performed.
- A51: No jack and bore required. Open cut with shoring and repair levee and liner to existing with welded seams.
- R52: The valve list is incomplete. There are valves shown in P&ID that are not included in the valve list. Please update the valve list to include all valves & whose responsibility to supply.
- A52: See Appendix B of Specs for KOCH/KSS Scope of Supply.

R53: Whose responsibility is it to supply the following valves, the Contractor or Koch/KSS? There are valves included in the Koch/KSS Package with no information as to what type connection will be supplied. Also, there are valves in the Process Air that are not included in the valve list. For example on Drawing I3.6.0, there is a check valve, an expansion joint & butterfly valve within a dotted line with a note "Exact Valving & Instrumentation Subject to change based on Koch/KSS Scope". Appendix B only states that Koch/KSS will supply 1 Lot of Valves.

A53: See Appendix of Specs for KOCH/KSS Scope of Supply.

R54: What type connection will butterfly valves supplied by Koch/KSS be? Lug, wafer, flanged? This will affect what type of bolts will need to be supplied.

A54: Lug style BF valves are included.

R55: Specifications only include AWWA flanged butterfly valves. If there are valves in the Process Air System, what type will be required: Flanged AWWA, Stainless Steel High Performance or Industrial?

A55: Industrial lug style BF valves stainless to be provided.

R56: There is a check valve shown on the discharge of the new WAS Pumps. What type Check Valve is required in this application?

A56: Swing flex check valve shall be provided.

R57: On page 3.5.0, Note 5 calls out 6" PCC: Where are the edges called out for the 6" PCC to determine the Square Footage of concrete? Section A and B don't show any 6" concrete.

A57: "EOP" Edge of Pavement on C.3.5.0 is shown on the left (south) side of the superpad, contractor shall follow L1+C1+L2+C2+L3 extended to Tesla Drive road section. The east edge of pavement follows the alignment of Item 6 (concrete wall), and turns east to Tesla Drive at NE Point 7.

When submitting the bid for the project, the Contractor must acknowledge receipt of the addendum.

Recommended by: Ken Reed 7-17-2024
Ken Reed
Senior Construction Manager
Date

Approved by: Brad Taylor 7/18/2024
Brad Taylor, P.E.
City Engineer
Date

ATTACHMENT A

CTF PHASE 3 EXPANSION, CIP WW 22-38

REVISED BASE BID SCHEDULE

BID ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	EXTENDED TOTAL
A. General Conditions					
1	Mobilization / Bonds / Insurance	1	LS		
2	Implement City-Provided SWPPP	1	LS		
3	General Conditions	1	LS		
4	ALLOWANCE: Caterpillar 908 Wheel Loader per Attachment F	1	LS	\$168,000	\$168,000
5	Jobsite Trailer for City's Con Mgr., per Spec. Sec. 01510	1	LS		
6	General Items Not Included Above	1	LS		
	SUBTOTAL A				
B. Civil Works Including Labor					
7	Demolition, Including Removal & Disposal of Pond Liner and 2 Chlorine Tanks	1	LS		
8	Dewatering, Excavation, Backfill	1	LS		
9	Site Grading / Rock / Paving	1	LS		
10	Operations Building	1	LS		
11	Sludge Pad Concrete	1	LS		
12	Winter Sludge Storage Building	1	LS		
13	Sludge Dewatering Building	1	LS		
14	Yard Piping	1	LS		
15	Structural Concrete	1	LS		
16	Civil Works Items Not Included Above	1	LS		
	SUBTOTAL B				
C. Mechanical Equipment					
17	ALLOWANCE: Kovalus Membranes, Blowers, Instrumentation, Etc.	1	LS	\$2,566,300	\$2,566,300
18	ALLOWANCE: Existing Neuros Blowers Modifications	1	LS	\$86,000	\$86,000
19	ALLOWANCE: Kovalus Membrane Upgrade	1	LS	\$1,364,400	\$1,364,400

ATTACHMENT A

20	Screw Press Systems – FKC or equal	1	LS		
21	Remaining Mechanical Equipment	1	LS		
22	Overhead Bridge Crane Extension	1	LS		
23	Misc. Mech. Piping, Tubing, Sleeves	1	LS		
24	Beams, Catwalks, Guiderails, and Grating	1	LS		
25	Items Not Included Above	1	LS		
	SUBTOTAL C				
D. Instrumentation Equipment					
26	Instrumentation Equipment (Outside Headworks)	1	LS		
27	Instrumentation Items Not Included Above	1	LS		
	SUBTOTAL D				
E. Electrical Equipment					
28	Yard Electrical Power	1	LS		
29	Yard Electrical Control	1	LS		
30	New MSB-1 Gear, Msg-1 Renovation – Square D or equal	1	LS		
31	Phase 2 Electrical Modifications	1	LS		
32	MCC-3 – Square D or equal	1	LS		
33	S5 18 Pulse 100hp Drives., Pumps & Modifications – Schneider or equal	1	LS		
34	Local Conduit/Wire, Pull/Gutter Boxes, Disconnects - – Square D or equal	1	LS		
35	Electrical Items Not Included Above	1	LS		
	SUBTOTAL E				

TOTAL BASE BID (A+B+C+D+E): _____

TOTAL BASE BID IN WORDS: _____

ATTACHMENT A

BID ALTERNATE 1

BID ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	EXTENDED TOTAL
1	Furnish and Install Metal Building per Project Spec. Sec. 13500	1	LS		

TOTAL BID ALT 1: _____

TOTAL BID ALT 1 IN WORDS: _____