

SECTION 00 91 13

ADDENDUM NO. 2

Date of Issue: OCTOBER 20, 2026

To all prospective bidders of record on the Work titled: City of Ashland, OR Water Treatment Plant

The Drawings and Project Manual including Specifications are modified as follows. This Addendum forms a part of the Contract Documents and modifies the original documents.

Acknowledge receipt of this Addendum in the space provided in the BID FORM and on the last page of the Addendum. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 93 pages, attached modified Drawings and Specifications, and other referenced attachments.

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CONTRACTOR QUESTIONS

Q1: Is there to be a continuous batten bar where the baffle flap attaches to the wall, as there is at the floor, or only bolts every 48"? If the baffle flap is bolted to the wall every 48" without a continuous batten bar, the baffles will short circuit at the wall attachments.

A1: Continuous batten bars will be used where the baffle flap attaches to the wall. This is shown in the drawings. See Change To Specifications for specification revisions to match the detail.

Q2: In Detail 1, how is the main baffle attached to the baffle flaps?

A2: The baffle flap is secured to the tank wall using a continuous batten bar and stainless-steel fasteners. The main baffle fabric is bonded to the flap, forming a continuous flexible connection.

Q3: Which door types are actually aluminum?

A3: All doors in the project are aluminum.

Q4: Also the specs and the schedule show conflicting finishes. The schedule says clear anodized but the specs say dark bronze. Which finish is correct?

A4: Dark bronze is the correct finish. Specification 08 33 22 has been updated to reflect this. See Changes To Specifications.

Q5: On the Polymer T-7201 cone bottom tank – 370 gallon, ~ 4'-0" OD ~ 6' OH w/ stand, do you want the CA 335 gallon Cone tank quoted that's 4'-0" OD x 6'-10" OH in stand or the CA 480 gallon Cone tank quoted that's 4'-0" OD x ~ 8'-0" OH in stand?

A5: 370 gallons minimum is required.

Q6: On the rectangular secondary containment basin – 700 gallon, ~ 8'w x 6'l x 2'h, do you want the LA 700 gallon basin that's 6'w x 8'l x 2'-1"h quoted or the CA 730 gallon basin that's 4'-4"w x 8'l x 2'-8"h quoted?

A6: 700 gallons minimum is required and tanks shall fit within the basin and be serviceable.

Q7: 2.5.C.1.a mentions 7701 tank, 2.5.C.3.a mentions 7701 tank and 2.5.C.4.a mentions 7701 tank, yet the 7701 tank isn't mentioned in the spec under 2.4 with a description of tank style, location, color, capacity, dimensions, chemical spg or temps. Tank 7701 is a Soda Carbonate tank. It's also not mentioned on plan sheet 300D501. Is this tank to be quoted or supplied by others? There is on drawing sheet 300D501 a soda ash tank T-7501. This tank to be supplied by others. In 2.4 in the spec, T-7501 is to be a double wall tank for sodium hydroxide. Should this be provided under the poly tank spec?

A7: T-7701 is the soda ash tank, provided by others. Double wall construction for T-7501 is required whether it is provided under 43 41 43 or 43 41 45.

Q8: Will the larger tanks – aluminum sulfate T-7101 & T-7102 6100 gallon tanks that are indoors be pneumatic filled by tanker truck or mechanical pump filled? How about the outdoor 6100 gallon tank for sodium hypochlorite? How about the indoor sodium hydroxide T-7501 double wall tank?

A8: T-7101 and T-7102 are located outdoors. All tanks will be pneumatic filled by tanker truck.

Q9: In the spec it mentions provide an expansion joint for each tank nozzle – Poly only requires flexible connections for the lower 1/3 sidewall connections on tanks > 600 gallons. Tanks < 600 gallons we don't require flexible connections. The flexible connections add \$ quickly to the price. Connections are: vent, fill, liquid level transmitter, overflow, pump suction and drain on the

sodium hypochlorite, caustic and alum tanks and on the polymer tanks the fittings are vent, fill, liquid level transmitter and pump suction.

A9: Bid per specifications.

Q101: On the sodium hypochlorite tank T-7401, the 6100 IMFO mold only has one IMFO outlet – do they want the IMFO to be the pump suction or the drain? The pump suction is 1" and the drain is 2". The drain is shown on the bottom of the tank – this will have to be relocated to the lower sidewall of the tank (drawing sheet 000Y624).

A10: Confirm that two IMFOs are not possible, assume IMFO to be on 2" connection. Reference 300D501 for connection locations, 000Y624 is schematic only.

Q11: On the aluminum sulfate tanks T-7101 & T-7102, the 6100 IMFO mold only has one IMFO outlet – do they want the IMFO to be the pump suction or the drain? The pump suction is 1" and the drain is 2". The drain is shown on the bottom of the tank – this will have to be relocated to the lower sidewall of the tank (drawing sheet 000Y624).

A11: Confirm that two IMFOs are not possible, assume IMFO to be on 2" connection. Reference 300D501 for connection locations, 000Y624 is schematic only.

Q12: The spec calls for reverse float level gauge (fitting connection would be 2") – this isn't shown on the plan drawings – only a 4" connection on dome for a liquid level transmitter – the liquid level transmitter is to be supplied by others (item #4) on all the tanks except the T-7501 Soda Ash tank that will be supplied by others is requested on the drawing sheet 300D501. The largest size fitting that will fit on the 195 gallon Cone Bottom Tank is a 3". Quote the connection for liquid level transmitter as well as a reverse float level gauge on each tank? The reverse float level gauge will only read the straight shell of the cone bottom tank – not the slope part.

A12: See Change To Drawings and Change To Specifications for drawing and specification revision.

Q13: In the spec on page 6 it calls for the overflow on tanks 7101, 7102 to be 6". The max size overflow available is 4" for these tanks.

A13: Bid per specification. This restriction is not an issue for all tank suppliers. If this remains an issue for the selected tank provider, provide an RFI during construction.

Q14: 28 10 01 – 1 Section 1.1, B., 4., a. - Crowson Pump Station says provide card reader at each exterior doorway. I see only one door on 600E101 but there is not a similar notation as the other buildings. Those buildings had a notation stating DOORxxx with a corresponding number. I am assuming these are notating an access control door. Can you confirm that the door on the east side of the Crowson pump station needs access control and also that the DOORxxx notations are signifying doors with access control on the other pages?

A14: Yes, the door on the east side of the Crowson pump station needs access control. DOORXXX refers to door callouts shown on the Architecture Floor Plans (300A101 and 300A101) for the Operations Building. For the Ops building each exterior door needs card reader access control. Additionally three other doors (internal and external) are called out requiring access control.

Q15: The access control system in 28 10 01 -6 lists some manufacturers that are approved. The City currently uses Vanderbilt SMS for their access control system. Is this project going to be added to the City's existing access control system or is this going to be a separate system using

some of the approved manufacturers? If it is separate would Avigilon Unity be an acceptable substitution? It would fall into the "or equal" category.

A15: The project's access control system is being added to the City's existing overall system. The new system must be 100% compatible with the Vanderbilt SMS system. See response A2 in Addendum No. 1 regarding substitutions or "or equals".

Q16: Will you need leak detection system on the floor in Chemical Rooms 300-104 & 300-105 and would you want the fire alarm system to monitor them as supervisory?

A16: Leak detection is not required for these rooms.

Q17: Will the emergency showers need to be monitored by the fire alarm system as a supervisory?

A17: No, monitoring of the eye wash and showers is not needed by the fire alarm system, these devices are already monitored by SCADA.

Q18: The gas detection system are you looking for a standalone system?" Since the fire alarm system has this capability and what type of gases need to be monitored for.

A18: The gas detection system is not a standalone system but integral to the ozone equipment vendor's scope of supply.

Q19: Do subcontractors need to fill this out or is this for GC only?

A19: Only general contractors need to fill out this form for this project. If you are interested in working directly with the City on other future opportunities, then you do need to complete this form and submit it.

Q20: I didn't see any mention on the P&ID's for recommended material for each chemical. What are they?

A20: See page 40 05 00-16, which should be PDF page 1552. System 7 is for all chemical systems excluding ozone. Item D.2.a.1.a states that such chemical piping 12 inches and smaller will be Schedule 80 PVC.

Q21: Please clarify intent and location of electrically actuated blowdown valve. Veolia recommends placing this in the Contractor's scope of work.

A21: Actuated blowdown plug valves will be manual. Modified Specification 46 43 62 to clarify. See Changes To Specifications.

Q22: Variable frequency drives are not required for sand pumps. We recommend removing them and replacing with soft starts.

A22: Bid as is, no change made at this time.

Q23: The equipment criteria show a multistage centrifugal blower rated at 1,300 CFM and 6 psig, while Section 43 11 33 specifies a rotary lobe blower rated at 1,625 SCFM and 8 psig. Please confirm the required blower technology, design flow and discharge pressure, and identify

which requirement governs. Please also confirm whether BLW-4502 is future work or part of the current bid.

A23: BLW-4502 is future work. See Change To Drawings for revisions.

Q24: The pump criteria indicate a 75 HP motor, while the electrical drawing indicates 100 HP. Please confirm the required motor rating and provide the governing pump duty points or pump curve basis so the pump, VFD, protection, and feeder can be priced and coordinated correctly.

A24: See Change To Drawings for revisions.

Q25: The caustic tank T-7501 is shown as 1,100 gallons in the design criteria and 1,500 gallons on the architectural drawings. Filter-aid polymer tank T-7301 is shown as 100 gallons in the criteria and 370 gallons on the architectural drawings. The soda-ash tank is tagged T-7701 in the criteria but T-7501 in the tank detail. Please issue the controlling tank capacity and tag schedule.

A25: Intent is for two feed pumps tagged P-7711 and P-7721 to be provided with the system. This is covered on Drawing 000Y625 and Specification 46 33 50 – 2.1.B.3. and Specification 46 33 46. See Change To Specifications for revisions.

Q26: The soda-ash documents show differing solution concentrations of 20% and 25%, and the feed pump tags/count are not consistent between the drawings and specification. Please confirm the design concentration, required pump quantity and tags, and the supplier boundary for the tank, mixer, hopper, panel, and feed equipment.

A26: See Change To Drawings for drawing revisions to match the specifications.

Q27: Please provide direction for determining the type of fire extinguisher cabinet by plan location. Per spec section 104433 there are types FEC-2, FEXT, FEXCA, and Wall Bracket

types listed, and referencing plans 100G101, 300G101, 300G102, 300A101, 600G101 only Fire extinguisher cabinet locations are called out, but not specific type.

A27: Use FEC-2 throughout, with the exceptions noted here and described in the specifications; use FEXCA in 300-112.

Q28: Please provide direction for location of projector screens & types. Per spec section 11 52 13 there are two types of manual operated as well as two types of motor operated projection screens called out, but locations in the plans are not found.

A28: See Addendum No. 1 Item AD1-S03.

Q29: On the door schedule, door number 300-103D does not indicate a door type, fire rating, sound rating, door material, finish, etc. Please confirm that the missing details should match door 300-102C.

A29: Door schedule indicates that characteristics of door 300-103D are like doors 300-102A and 300-102B; there is no 300-102C. See Drawing 000A017.

Q30: On the door schedule, door number 100-103A the door type is listed as type C. Please confirm that this should be type F. The material for this door is listed as stainless. No specification section for stainless roll-up doors was provided. Please provide.

A30: Door 100-103A is type D and the material is aluminum. See Drawing 000A017.

Q31: Door 100-101A does not appear on the door schedule. Please provide details for this door.

A31: Added 100-101A to Door and Frame Schedule. See Changes To Drawings for revisions.

Q32: On detail 2/100A101 at approximately gridline C there is a marker for louver L6; however, no louver is depicted in this location. Please clarify if there is to be a louver in this location.

A32: There is an L6 louver at grids 1 and C in Bldg 100. See also 100A201.

Q33: Door 300-209B does not appear on the door schedule. Please provide details for this door.

A33: This is a gate.

Q34: Door 300-209C does not appear on the door schedule. Please provide details for this door.

A34: This is a gate.

Q35: There is no specification section for the snow retention system. Please provide.

A35: Please apply the criteria for snow retention listed in specification 07 61 13, to all metal roofs in that section and in 07 41 13.

Q36: Per the room finish schedule, room 100-102 has a gyp board ceiling. Please provide the AFF of the ceiling.

A36: There is no ceiling in this room. See Changes To Drawings for revisions.

Q37: The room finish schedule lists GWB for the ceiling finishing rooms 300-100 and 300-101; however, sheet 300A104 appears to show ACT in these rooms. Please confirm ceiling type.

A37: Room finish schedule has been updated to show ACT for 300-100 and 300-101. See Changes To Drawings for revisions.

Q38: Per the room finish schedule, room 300-202 has VB listed as the base type; however, the walls are CT. Please confirm that the base type should be CT.

A38: Room finish schedule has been updated to show POR for both base and floor material for 300-202. See Changes To Drawings for revisions.

Q39: Per the room finish schedule, room 300-108 has VB listed as the base type and CT listed at the flooring type; however, elevations on sheet 300A204 indicate 8" concrete curbing with epoxy flooring. Please clarify.

A39: Room finish schedule has been updated to show POR for both base and floor material for 300-108. See Changes To Drawings for revisions.

Q40: On sheet 300A104, in two locations between room the elevator lobby 300-101 and corridor 1 300-102 there appears to be gyp board soffits. Please confirm this is correct. If this is correct, please confirm the AFF of these soffits.

A40: ACT @ 9'-6" for elevator lobby. 8'-0" GWB AFF for corridor 300-102.

Q41: On sheet 300A104, corridor 1 300-102 there appears to be gyp board ceilings. This is confirmed on the room finish schedule. Please confirm the AFF of the ceiling

A41: See answer from Question 41.

Q42: Per the room finish schedule, 300-106 indicates ACT for the ceiling. On sheet 300-A104 the ceiling is shown as OTS. Please clarify.

A42: There is no ceiling, it is OTS.

Q43: Per the room finish schedule, 300-107 indicates ACT for the ceiling. On sheet 300A104 the ceiling is not specifically called out but it not hatched like ACT. Please clarify.

A43: It is GWB ceiling.

Q44: On sheet 300A104 the ceilings in rooms 300-108 and 300-109 appear to be GWB. This is confirmed on the room finish schedule. Please confirm the AFF of these ceilings.

A44: Ceiling height for these two rooms is 10'-8" AFF.

Q45: please see attached product information and substitution request form for the insulated metal wall and roof panels on your City of Ashland Water Treatment Plant project. All Weather Insulated Panels' SR2 roof panel and FL40 wall panel are equal products to the spec.

Additionally, our revolutionary new InnovaCELL foam core technology offers a higher R-value per inch than market averages.

A45: See A2 and A3 in Addendum No. 1.

Q46: Will the First-Tier Subcontractor Disclosure Form & the Proposed Major Equipment Form in the Bid Forms suffice for the List of Proposed Subcontractors and the List of Proposed Suppliers? Or are you looking for additional information beyond those 2 forms?

A46: The First-Tier Subcontractor Disclosure Form and the Proposed Major Equipment Form are provided to meet the requirements of Article 3.01-E. No other information is required.

Q47: Would you reconsider the request to remove the requirement to attach audited financial statements? If not, is it possible to provide them in a separate sealed envelope that does not make it into the public record?

A47: Audited financial statements are still required as part of the bid. See Changes To Specifications regarding submission of proprietary information.

CHANGES TO DRAWINGS

- Item AD2-D01 Drawing 000G009
Replace "75 HP" with "100 HP" for the power, each on the Crowson Pumps.
Replace "4 CFM/SF" with "5 CFM/SF" for the air flow rate on the air scour system.
Replace "Multistage Centrifugal" with "Rotary Lobe" for the blower type air scour system.
Replace "1300 at 6 PSIG" with "1625 at 8 PSIG" for the blower capacity, each on the air scour system.
Replace "4 CFM/SF" with "5 CFM/SF" for the air flow rate on the air scour system.
Replace "Multistage Centrifugal" with "Rotary Lobe" for the blower type air scour system.
Replace "1300 at 6 PSIG" with "1625 at 8 PSIG" for the blower capacity, each on the air scour system.
- Item AD2-D02 Drawing 000S004
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D03 Drawing 000A017
Add row for Door No. 100-101A to DOOR AND FRAME SCHEDULE with the following information"
"ROOM NUMBER 100-101
ROOM NAME OZONE
DOOR NO. 100-101A
DOOR TYPE B
DOOR
 WIDTH 6' - 0"
 HEIGHT 7' - 2"
 THICKNESS 1 3/4"
 MATERIAL ALUM
 FINISH B.A.
FRAME
 TYPE F4

MATERIAL ALUM
FINISH B.A.
DETAILS

HEAD 4/ 000A004
JAMB 5/ 000A004
SILL 6/ 000A004

HARDWARE HW-114

NOTES & REMARKS ADD HWE-213"

Replace DOOR FINISH with "B.A."

Replace FRAME FINISH with "B.A."

Add the following text to row ROOM NUMBER 300-209

"DETAILS

HEAD 4/ 000A004
JAMB 5/ 000A004
SILL 6/ 000A004"

Add the following text "ADD HWE-213" to NOTES & REMARKS for rows
DOOR NO. 100-102A, 100-103B, 300-100A, 300-102A, 300-103B, 300-
103C, 300-103D, 300-105B, and 600-100A.

Replace DOOR FINISH and FRAME FINISH with "B.A." in HATCH
SCHEDULE

Replace "C.I./A1" with "B.A." in SCHEDULE LEGEND

Item AD2-D04

Drawing 000A18

Replace COMMENTS with "ALUM, B.A." in WINDOW SCHEUDLE

Replace COMMENTS with "ALUM, B.A." in TRANSLUCENT WINDOW
SCHEUDLE

- Item AD2-D05 Drawing 000A19
Remove CEILING MATERIAL for ROOM NO. 100-102 in the ROOM AND FINISH SCHEDULE
Replace CEILING MATERIAL for ROOM NO. 300-100 and 300-101 with ACT in the ROOM AND FINISH SCHEDULE
Replace BASE and FLOOR MATERIAL for ROOM NO. 300-108 and 300-109 with POR in the ROOM AND FINISH SCHEDULE
Replace BASE and FLOOR MATERIAL for ROOM NO. 300-202 with POR
Replace BASE for ROOM NO. 300-203 with POR in the ROOM AND FINISH SCHEDULE
Remove row ROOM NO. 300-210 from the ROOM AND FINISH SCHEDULE
- Item AD2-D06 Drawing 000E002
Updated schedule. Main update was to add conductors from Utility Transformer to the Switchboard. Conductors to be provided by Contractor as shown. Also, updates per the updated drawings herein.
- Item AD2-D07 Drawing 000E003
Updated schedule. Updates per the updated drawings herein.
- Item AD2-D08 Drawing 000E004
Updated schedule. Updates per the updated drawings herein.
- Item AD2-D09 Drawing 000E005
Updated schedule. Updates per the updated drawings herein.
- Item AD2-D10 Drawing 000Y001
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D11 Drawing 000Y002
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D12 Drawing 000Y003
In the box for CROWSEN PUMP STATION CONTROL PANEL (CP-601):
Remove the text, "PANEL VIEW"
Add the following text, "PANEL MOUNTED PC WITH TOUCH SCREEN / SCADA TERMINAL #7".
- Item AD2-D13 Drawing 000Y601
Add ARV-1203 on 20" RW line downstream of PIT-1500 and upstream of the sample probe.
- Item AD2-D14 Drawing 000Y603
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D15 Drawing 000Y604
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.

- Item AD2-D16 Drawing 000Y605
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D17 Drawing 000Y606, 300D301
Replace 4" 90-degree elbow (4"-MSD) on influent piping to PMP-3321 and PMP-3311 with 4" Tee, with blind flange on run and branch pointing down. Typical of 2.
- Item AD2-D18 Drawing 000Y604, 000Y605, 000Y622, 300D102.
Add a tee, ball valve, union, and required fittings for a second run of ½"-SPC pipe from each branch of the Polymer Blending Unit PBU-7211 to the Maturation Tank of each Ballasted Flocculation Train. Assume each run wraps around the plan west side of the Ballasted Flocculation Trains and connects in the middle of the Maturation Tank at the top of tank elevation.
- Item AD2-D19 Drawing 000Y604, 000Y605, 300D102, 300D301
Add a pH probe and turbidity probe to the settling tank of each Ballasted Flocculation Train including tank-side mounting for turbidity probe, and immersion mount for the pH probe. Including handrail mounting for instruments similar to detail 4/000Y021. Route all I/O and power from Ballasted Flocculation Control Panel. Typical of 2.
- Item AD2-D20 Drawing 000Y606, 300D102, 300D301
Add a 4" manual plug valve with chainwheel actuator to the inlet of each hydrocyclone, located upstream of the sample ports. Typical of 4.
- Item AD2-D21 Drawing 000Y607
Add ARV on 24" SW line downstream of IQ-4111 before flow splits to Filter 1 and Filter 2.
- Item AD2-D22 Drawing 000Y614
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D23 Drawing 000Y615
Add mini-ozone destruct unit between sampler and vent to outside atmosphere.
Add Keynote 1:
1. "INSTRUMENT GASEOUS OZONE DESTRUCTION UNIT."
- Item AD2-D24 Drawing 000Y617
Add mini-ozone destruct units between samplers and vents to outside atmosphere.
Add Keynote 1:
1. "INSTRUMENT GASEOUS OZONE DESTRUCTION UNIT."
- Item AD2-D25 Drawing 000Y620, 300D102, 300D301
Add a tee, ball valve, union, and required fittings for a second run of ½"-ALM pipe from the Alum Feed Skid to the Effluent Channel of the Ballasted Flocculation Tanks, just upstream of the transition to the 24"-SW pipe.

Assume the run wraps around the plan east side of the Ballasted Flocculation Trains and enters the top of the Effluent Channel.

- Item AD2-D26 Drawing 000Y620
Add call out TO 6"-COF connecting between Alum Storage Tanks 1 and 2.
- Item AD2-D27 Drawing 000Y624
Replace sodium hypochlorite storage tank chemical vent size 4" with 6".
- Item AD2-D28 Drawing 000Y625
Add tank, mixer, and local control panel to Sodium Carbonate Feed Skid boundary.
- Item AD2-D29 Drawing 100S101
Add the following text to the plan view below D2":
"1 1/2" REMOVABLE GRATING ABOVE TRENCH"
- Item AD2-D30 Drawing 100S302
Add the following text to Section A at GROUND FF between 2 and 3:
"REMOVABLE GRATING"
- Item AD2-D30 Drawing 100D101
Add the following text to the plan view above C3:
"REMOVABLE GRATING"
- Item AD2-D31 Drawing 100D101, 100D301
Add ARV-1203 on 20" RW line downstream of PIT-1500 and upstream of the sample probe.
- Item AD2-D32 Drawing 300G001
Replace 2.4.1 HAZARDOUS MATERIALS CLASSIFICATIONS with the following text:
"SODIUM HYDROXIDE (CAUSTIC SODA) STORAGE TANK 1,100 GALLONS LOCATED IN OUTDOOR CHEMICAL AREA"
Replace 2.4.1 HAZARDOUS MATERIALS CLASSIFICATIONS with the following text: "FILTER AID POLYMER (SUPERFLOC N-300 LMW

FLOCCULANT) STORAGE TANK 100 GALLONS LOCATED IN
CHEMICAL STORAGE ROOM 300-104”

- Item AD2-D33 Drawing 300S407
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D34 Drawing 300A201
Add the following labels between gridlines 1-4 and gridlines C-F:
“CORR. 1 300-102 8’-0” A.F.F.”
“SHOWER 300-109 10’8” A.F.F.”
“VESITBULE 300-107 8’-0” A.F.F.”
Move the following text down to fix overlapping text “LOCKERS 300-108”
- Item AD2-D35 Drawing 300A201
Replace callout “HOLLOW METAL DOOR, TYPICAL. SEE SCHEDULE” in Detail 1 with the following text:
“DOOR, TYPICAL. SEE SCHEDULE”
Replace callout “HOLLOW METAL DOUBLE DOOR, SEE SCHEDULE” in Detail 2 with the following text:
“DOUBLE DOOR, SEE SCHEDULE”
- Item AD2-D36 Drawing 300A202
Replace callout “ALUMINUM OVERHEAD DOOR, TYPICAL. SEE SCHEDULE” in Detail 1 with the following text:
“OVERHEAD DOOR, TYPICAL. SEE SCHEDULE”
Replace callout “STOREFRONT DOOR, SEE SCHEDULE” in Detail 1 with the following text:
“DOOR, SEE SCHEDULE”
Replace callout “ALUMINUM DOOR, TYPICAL. SEE SCHEDULE” in Detail 1 with the following text:
“DOOR, TYPICAL. SEE SCHEDULE”
- Item AD2-D37 Drawing 300A204
Remove the following text callout from Details 1, 2, 4, and 5:
“8” CONCRETE CURB W/ EPOXY FLOORING”
- Item AD2-D38 Drawing 300D102
Add General Note 5
5. SHOWN MIXER INSTALLATION IS GENERIC. CONTRACTOR TO FOLLOW SPECIFIC MOUNTING AND INSTALLATION DETAILS PROVIDED BY BALLASTED FLOCCULATION MANUFACTURER.

- Item AD2-D39 Drawing 300D104
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D40 Drawing 300D105
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D41 Drawing 300D106
Add ARV-3201 on 24" SW line before flow splits to Filter 1 and Filter 2.
- Item AD2-D42 Drawing 300D301
Relocate PMP-3311 and PMP-3321 such that there is a minimum of 8 pipe diameters of straight run into the pump.
Add Keynote 5:
5. "LAMELLA SETTLING TUBES SUPPORTS NOT SHOWN. CONTRACTOR TO COORDINATE INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO CONCRETE ANCHORAGE, HARDWARE, AND INSTALLATION REQUIREMENTS WITH SELECTED VENDOR."
- Item AD2-D43 Drawing 300D301 Section C
Clarification: The 24"-OZW shall enter the Coagulation Tank of each train with a centerline elevation of 2288.83'. The vertical centerline of the 90-degree elbow shall be 2'-0" from the plan west inside face of the Coagulation Tank wall.
- Item AD2-D44 Drawing 300D302
Move AE/AIT-4141 and label to the left, pass the pipe elbow.
Move AE/AIT-4131 and label to the left, pass the pipe elbow.
Move AE/AIT-4121 and label to the left, pass the pipe elbow.
Move AE/AIT-4111 and label to the left, pass the pipe elbow.
- Item AD2-D45 Drawing 300D303
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D46 Drawing 300D501
Replace Soda Ash tank label in Detail 4 with the following text:
"SODA ASH TANK T-7701".
Add two (2) 2-inch connections with centerline 6" from bottom of tank and 6" from top of vert, respectively to tank T-7101 at angle 0-degrees.
Add two (2) 2-inch connections with centerline 6" from bottom of tank and 6" from top of vert, respectively to tank T-7102 at angle 270-degrees.
Add two (2) 2-inch connections with centerline 6" from bottom of tank and 6" from top of vert, respectively to tank T-7401 at angle 200-degrees.
Add two (2) 2-inch connections with centerline 6" from bottom of tank and 6" from top of vert, respectively to tank T-7501 at angle 270-degrees.

- Item AD2-D47 Drawing 300S102
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D48 Drawing 300S103
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D49 Drawing 300S305
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D50 Drawing 300S308
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D51 Drawing 400D301
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D52 Drawing 600D301
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D53 Drawing 300E601
Replace drawing in its entirety with the revised drawing which is Attachment 1 to this Addendum.
- Item AD2-D54 Drawing 300E602
Add torque switch at each mixer, WSH-3212, WSH-3213, WSH-3214. Add conduits CWSH3212, CWSH3213, CWSH3214 for each mixer. Conduits go from torque switches to the respective Control panel.
- Item AD2-D55 Drawing 300E604
Add torque switch at each mixer, WSH-3222, WSH-3223, WSH-3224. Add conduits CWSH3222, CWSH3223, CWSH3224 for each mixer. Conduits go from torque switches to the respective Control panel.

Item AD2-D56

Drawing 000E003

Change cables from 1#18TSP, to 2#18TSP, for conduits SCP3211 AND SCP3221. Analog cables are for the change motor start to VFD for MIX-3214 and MIX-3224.

Add the following conduits:

1. SAIT3215, 1", from CP-3211 to AIT3215. Cable: 1#18TSP.
2. PAIT3215, 1", from PBD-303 to AIT-3215. Cables: 2#12, #12G.
3. SAIT3216, 1", from CP-3211 to AIT-3216. Cable: 1#18TSP.
4. PAIT3216, 1", from PBD-303 to AIT-3216. Cables: 2#12, #12G.
5. SAIT3225, 1", from CP-3221 to AIT3225. Cable: 1#18TSP.
6. PAIT3225, 1", from PBD-303 to AIT-3225. Cables: 2#12, #12G.
7. SAIT3226, 1", from CP-3221 to AIT-3226. Cable: 1#18TSP.
8. PAIT3226, 1", from PBD-303 to AIT-3226. Cables: 2#12, #12G.
9. CWSH3212, 3/4", from WSH-3212 to CP-3211. Cables: 2#14, #14G.
10. CWSH3213, 3/4", from WSH-3213 to CP-3211. Cables: 2#14, #14G.
11. CWSH3214, 3/4", from WSH-3214 to CP-3211. Cables: 2#14, #14G.
12. CWSH3222, 3/4", from WSH-3222 to CP-3221. Cables: 2#14, #14G.
13. CWSH3223, 3/4", from WSH-3213 to CP-3221. Cables: 2#14, #14G.
14. CWSH3224, 3/4", from WSH-3214 to CP-3221. Cables: 2#14, #14G.

Item AD2-D57

Drawing 300E605

Add AE-3215, AIT-3215 (Turbidity) with SAIT3215 conduit to CP-3211 and PAIT3215 to PBD-303.

Add AE-3216, AIT-3216 (pH/Temp) with SAIT3216 conduit to CP-3211 and PAIT3216 to PBD-303.

Add AE-3225, AIT-3225 (Turbidity) with SAIT3225 conduit to CP-3221 and PAIT3225 to PBD-303.

Add AE-3226, AIT-3226 (pH/Temp) with SAIT3226 conduit to CP-3221 and PAIT3226 to PBD-303.

Item AD2-D58

Drawing 300E610

Add circuits to panelboard schedule, PBD-303, for AIT-3215, AIT-3216, AIT-3225 and AIT-3226. Relabel SPAREs as the AIT's. Update loads with 250VA in each load space.

Item AD2-D59

Drawing 300E106

Add the following IC symbols to the sheet. Refer to 300D102 for exact locations for AITs. WSH's to be located at each mixer.

1. Add AE/AIT-3215 and AE/AIT-3216 at coordinate C6. Add home run conduit symbol to CP-3211 and PBD-303. Add conduit bubbles, SAIT3215 and SIT3216 to home run conduit going to CP-3211. Add conduit bubbles, PAIT3215 and PAIT3216 on home run symbol to PBD-303.
2. Add AE/AIT-3225 and AE/AIT-3226 at coordinate A/B6. Add home run conduit symbol to CP-3221 and PBD-303. Add conduit bubbles, SAIT3225 and SIT3226 to home run conduit going to CP-

3221. Add conduit bubbles, PAIT3225 and PAIT3226 on home run symbol to PBD-303.
3. At each mixer, add IC symbol and label WSH-XXX. Provide home run symbols from each WSH, back to respective CP-3211 and CP-3221. Add the following:
- a. WSH-3212 at mixer motor symbol MX-3212. Add conduit bubble to home run symbol, CWSH3212. Conduit will go back to CP-3211.
 - b. WSH-3213 at mixer motor symbol MX-3213. Add conduit bubble to home run symbol, CWSH3213. Conduit will go back to CP-3211.
 - c. WSH-3214 at mixer motor symbol MX-3214. Add conduit bubble to home run symbol, CWSH3214. Conduit will go back to CP-3211.
 - d. WSH-3222 at mixer motor symbol MX-3222. Add conduit bubble to home run symbol, CWSH3222. Conduit will go back to CP-3221.
 - e. WSH-3223 at mixer motor symbol MX-3223. Add conduit bubble to home run symbol, CWSH3223. Conduit will go back to CP-3221.
 - f. WSH-3224 at mixer motor symbol MX-3224. Add conduit bubble to home run symbol, CWSH3224. Conduit will go back to CP-3221.

CHANGES TO SPECIFICATIONS

Item AD2-S01

Section 00 21 13

Add a new section at the end of Article 12 with the following text:

12.13 City is subject to the Oregon Public Records Laws (ORS 192.311 to 192.478), which require City to disclose all records generated or received in the transaction of City business, except as expressly exempted. The City will not disclose records submitted by a Proposer that are exempt

from disclosure under the Oregon Public Records Law, subject to the following procedures and limitations.

The entire Proposal cannot be marked confidential; nor shall any pricing be marked confidential.

All pages containing the records exempt from disclosure shall be marked “confidential” and segregated in the following manner:

- It shall be clearly marked in bulk and on each page of the confidential document.
- It shall be kept separate from the other Proposal documents in a separate envelope or package
- Where the specification conflicts with other formatting and response instruction specifications, this specification shall prevail.
- Where such conflict occurs, the Proposer is instructed to respond with the following: “Refer to confidential information enclosed.”
- This statement shall be inserted in the place where the requested information was to have been placed.

Proposers who desire that additional information be treated as confidential must mark those pages as “confidential.” Proposers shall also cite the specific statutory basis for the exemption and give the reasons why the public interest would be served by confidentially. Should a Proposal be submitted as described in this section, no portion of it will be held confidential unless that portion is segregated as described in the criteria above.

Notwithstanding the above procedures, City reserves the right to disclose information that City determines, in its sole discretion, is not exempt from

disclosure or that City is directed to disclose by City's Attorney, the District Attorney, or a court of competent jurisdiction.

Item AD2-S02

Section 08 33 22

Add "where indicated in Door Schedule" to the end of the sentence in 08 33 22 – 2.3.B.

Add "where indicated in Door Schedule" to the end of the sentence in 08 33 22 – 2.3.C.

Replace "Galvanized endlocks" with "Stainless steel endlocks" in 08 33 22 – 2.4.A.1.d

Replace "Galvanized steel" with "Stainless steel" in 08 33 22 – 2.4.C.1.c.2.b

Add "where indicated in Door Schedule" to the end of the sentence in 08 33 22 – 2.4.D.1.

Add "where indicated in Door Schedule" to the end of the sentence in 08 33 22 – 2.4.D.1.

Add "where indicated in Door Schedule" to the end of the sentence in 08 33 22 – 2.4.E.1.a.

Add "where indicated in Door Schedule" to the end of the sentence in 08 33 22 – 2.4.E.1.b.

Replace 08 33 22 – 2.4.H in its entirety with the following text:

"1. Curtain:

a. Architectural Class 1 coating per AA DAF 45.

b. Anodized:

1) AA-M12C22A42 dark bronze.

2. Hood:

a. Stainless steel: No. 4 brushed.

3. Guides, head plates, and counterbalance assembly:

a. Manufacturer's standard powder coating.

b. Brushed stainless steel, where indicated in Door Schedule."

Remove 08 33 22 – 2.6 in its entirety

Item AD2-S03

Section 13 44 00

Add 46 31 54 – 2.4.C with the following text:

"C. Provide continuous batten bars at all fabric panel attachment locations. Batten bars shall be type 316 stainless steel flat bar, minimum ¼-inch thickness by 2 inches wide."

Remove duplicate "shall be" in 46 31 54 – 2.4.D.

Item AD2-S04

Section 26 05 00

Replace 26 05 00 – 1.6.B.2 with the following text:

"2. Contractor to provide and install the transformer pad, sectionalizing pads, primary and secondary conduit, space in switchboard for mounting of metering CT's, meter socket, vaults and manholes. Provide meter

socket per Ashland Electric requirements. Provide a 1 IN conduit from the CT compartment to the meter socket where required.”

Replace 26 05 00 – 1.6.B.3 with the following text:

“3. The utility will furnish the transformer, sectionalizing cabinets, metering CT’s, and Utility meter. Coordinate with City of Ashland Electric Department.”

Delete the following text from the 2nd sentence in section 1.8.1:

“,and the cabling from the utility transformer to the utility metering Current Transformer (CT) enclosure.”

Add “Ashland Electric to provide the primary conductors, sectionalizing cabinets, Utility transformer, Utility meter and the CTs. All other equipment and appurtenances to be provided and installed by contractor.”

Item AD2-S05

Section 40 62 16

Replace Specification 40 62 16 – 2.6.A with the following text:

A. Panel Mounted PC:

1. General:

- a. The Panel Mounted Industrial Computer shall be a heavy-duty industrial operator interface computer designed for continuous operation in municipal water, wastewater,

- pumping station, SCADA, telemetry, and industrial automation applications.
- b. The unit shall be specifically manufactured for industrial environments and shall not be a commercial or consumer-grade touchscreen computer.
- 2. Manufacturer:
 - a. Advantech
 - b. OnLogic
 - c. Axiomtek
 - d. Approved equal
- 3. Design:
 - a. Processor:
 - 1) Intel® Core™ i5 processor or approved equivalent.
 - a) Minimum four (4) physical cores.
 - b) Minimum eight (8) threads.
 - c) Minimum base clock frequency of 2.0 GHz.
 - d) Integrated graphics processing.
 - b. System Memory:
 - 1) Minimum 16 GB DDR4 or DDR5 RAM.
 - 2) Expandable to minimum 32 GB.
 - c. Mass Storage:
 - 1) Minimum 256 GB industrial-grade Solid State Drive (SSD).
 - 2) SSD shall utilize SATA, NVMe, or better technology.
 - 3) Storage device shall be field replaceable.
 - d. Communication and I/O, provide at minimum:
 - 1) Two (2) Gigabit Ethernet ports.
 - 2) Four (4) USB ports.
 - 3) Two (2) serial ports supporting RS-232 and/or RS-232/422/485.
 - 4) One (1) HDMI or DisplayPort output.
 - 5) Audio output.
 - 6) Expansion capability for wireless communications or future peripherals.
 - e. Mechanical Construction:
 - 1) Panel-mounted design.
 - 2) Fanless construction.
 - 3) True-flat front bezel.
 - 4) Low-profile aluminum bezel or aluminum alloy front enclosure.
 - 5) Designed for continuous-duty industrial operation.
 - f. Input Power: 24VDC.
 - g. Display:
 - 1) Display size: 21.5-inch minimum.
 - 2) Technology: TFT LCD.
 - 3) LED backlighting.
 - 4) Native resolution: 1920 x 1080 minimum.
 - 5) Brightness: minimum 250 nits.
 - 6) Backlight life: minimum 50,000 hours.
 - h. Touchscreen:
 - 1) Projected Capacitive (P-CAP) touch technology.
 - 2) Multi-touch capability.

- 3) True-flat glass surface.
- 4) Hardened glass touchscreen construction.
- 5) Touchscreen operation shall be supported while wearing industrial work gloves.
- i. Environmental Requirement:
 - 1) Front panel ingress protection:
 - a) IP65 minimum.
 - b) IP66 or IP69K ratings shall be acceptable.
 - 2) Operating temperature:
 - a) Minimum range of -10°C to +50°C.
 - 3) Humidity:
 - a) 10% to 95% non-condensing.
- j. Operating System:
 - 1) Compatible with:
 - a) Microsoft Windows 11 IoT Enterprise LTSC;
 - b) Microsoft Windows 10 IoT Enterprise LTSC; or
 - c) Linux.
 - 2) Shall support modern SCADA and HMI software applications.
- k. Thin Client Compatibility:
 - 1) Capable of operation as:
 - a) ThinManager® client;
 - b) Remote Desktop client; or
 - c) Thin-client workstation.
 - 2) Hardware shall be compatible with ThinManager deployments where specified.
- l. Certifications:
 - 1) CE.
 - 2) FCC.
 - 3) RoHS compliant.
 - 4) UL or NRTL certification preferred.
- m. Schedule:

EQUIPMENT NO.	LOCATION
SCADA TERMINAL #4	Chemical Room Control Panel (CP-302)
SCADA TERMINAL #7	Crowson Pump Station Control Panel (CP-601)

Item AD2-S06	<u>Section 40 62 16</u> Remove Specification 40 62 16 – 2.7 in its entirety.
Item AD2-S07	<u>Section 43 41 43</u> Remove reference to T-7701.
Item AD2-S08	<u>Section 43 41 45</u> Add 43 41 45 – 1.1.B.8 with the following text: “8. Section 46 33 50 - Chemical Feed Soda Ash.” Replace 43 41 45 – 1.1.A.1 with the following text: “1. Bulk chemical storage tanks (T-7101, T-7201, T-301-, T-7401, T-7501, and T-7701).” Replace 43 41 45 – 2.3.B.2 with the following text: “1. T-7201, 7501 & 7701” Replace 43 41 45 – 2.3.C.1 with the following text: “1. Tanks 7101, 7401, 7501, & 7701.” Replace 43 41 45 – 2.3.D.1 with the following text: “1. T-7101, 7401, & 7701” Replace 43 41 45 – 2.3.H with the following text: “H. Heat Tracing and Insulation, T-7101 and 7701” Replace 43 41 45 – 2.3.I.1 with the following text: “1. T-7101, T-7102, & T-7701.” Replace 43 41 45 – 2.3.L.3.a with the following text: “a. T-7101, 7401, & 7701” Add 43 41 45 – 2.3.M.3.k with the following text: “k. Schedule for T-7701: 1) Quantity: 1. 2) Location: Place in a visible location on tank. 3) Text/Symbol: a) Hazardous Material: SODIUM CARBONATE. b) Health: 1. c) Fire: 0. d) Reactivity: 0.” Add 43 41 45 – 2.4.A.6 with the following text: “Sodium Carbonate tank _T-7701: a. Approximate capacity: 100 GAL (min.).” Add 43 41 45 – 2.4.C.6 with the following text: “6. T-7701 a. Fluid: Sodium Carbonate. b. Pressure: Atmospheric. c. Exposure: Indoors. d. Concentration by weight: 20 PCT. e. Specific gravity: 1.19. f. Minimum ambient temp.: 0 DEGF. g. Minimum fluid temp.: 40 DEGF. h. Maximum fluid temp.: 100 DEGF.” Replace 43 41 45 – 3.3.A with the following text: “A. T-7101, 7401, 7501, & 7701”
Item AD2-S09	<u>Section 46 33 50</u>

Replace 46 33 50 – 1.3 A.1. with the following text:

"1. Prepare and store 20% soda ash solution using 23-kg (50-lb) bags of dry soda ash crystal."

Item AD2-S10

Section 46 43 62

Modify 46 43 62 – 2.3.C.7 with the following text:

"7. **Contractor to provide** One manually actuated blowdown plug valve."

Note that this is per train, two shall be provided.

Modify 46 43 62 – 2.12.B.7 with the following text:

"Manual lever Actuators per Section 40 05 51 – Valves Basic Requirements part 2.3.E. PV-3216 and PV-3226 only."

ATTACHMENTS:

1. Addendum No. 2 drawings
2. 46 43 62 – BALLASTED FLOCCULATION SYSTEM

END OF ADDENDUM NO. 2

The Contractor shall acknowledge receipt of this Addendum No. 2 by signing in the space provided below and attaching it to their bid proposal.

Received and Acknowledged:

Contractor

By

Title

Date