



Public Works Department
City of Bellingham

Addendum No. 2

**Post Point Sludge Tank Replacement Project
City Project No.: EU194
Bid Number: 3B-2026**

October 6, 2026

Attention Bidders:

Included with this letter are descriptions and attachments that make up Addendum No. 2 to the Post Point Sludge Tank Replacement Project, EU194 bid documents.

The following are a list of clarifications relating to the contract.

BID OPENING DATE AND TIME

The Bid Opening Date and Time is revised to **October 28, 2026 at 11:00am**. The first paragraph of the Notice to Bidders is revised to the following:

Sealed proposals for the construction of the POST POINT SLUDGE TANK REPLACEMENT PROJECT EU194 project, will be received by the City of Bellingham, 210 Lottie Street, Bellingham, Washington, 98225 at the Purchasing Office until **October 28, 2026**, at 11:00 a.m., and thereafter will be publicly opened and read.

BID PROPOSAL

No revisions to the Bid Proposal.

PLANS

1. Drawing 030D101 - CIVIL YARD PIPING DEMOLITION PLAN
 - a. **DELETE** and **REPLACE** in its entirety. Drawing provided as Attachment A in this Addendum.
2. Drawing 030C102 - CIVIL YARD PIPING PLAN
 - a. **DELETE** and **REPLACE** in its entirety. Drawing provided as Attachment A in this Addendum.
3. Drawing 050M101 – OVERALL PIPING PLAN

Engineering

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Utilities Operations

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- a. **ADD** the following General Note 2: “Enlarged plans are shown in critical areas of the pipe gallery. Piping and associated pipe supports, fittings, and appurtenances shall be installed as necessary between the enlarged plans to provide a functional system.”
- 4. Drawing 420M101 - MECHANICAL SLUDGE STORAGE BUILDING LOWER LEVEL PLAN
 - a. **DELETE** and **REPLACE** in its entirety. Drawing provided as Attachment A in this Addendum.

PROJECT MANUAL – PROJECT SPECIAL PROVISIONS– TECHNICAL SPECIFICATIONS

- 1. Specification 01_11_00 – SUMMARY OF WORK
 - a. Section 1.06A: **ADD** “5. Solids Handling Carbon Bed Fan Replacement Project”.
- 2. Specification 01_20_20 – MEASUREMENT AND PAYMENT
 - a. Section 1.02: **ADD** the following subparagraph B after paragraph 1.02A:
“B. Unless a separated Bid Item is provided, Contract prices include labor, materials, equipment, supervision, temporary work, services, and incidentals reasonable inferable from the Contract Documents and normally required to provide complete, functional, tested, commissioned, and usable Work.
 - 1. The following list is illustrative and not exhaustive:
 - a. Utility notification and locating.
 - b. Potholing and utility verification required.
 - c. Utility support and protection.
 - d. Temporary fencing, barriers, and access control.
 - e. Waste handling, hauling, and lawful disposal.
 - f. Surface and landscaping restoration.
 - g. Temporary access and working platforms.
 - h. Minor fittings, fasteners, supports, adapters, connections, and appurtenances.
 - i. Cutting, fitting, patching, and making good.
 - j. Coordination and cleanup.
 - 2. No separate payment will be made for incidental Work unless a separate Bid item or another payment provision expressly provides payment.
 - 3. This Article does not convert a material change or condition that could not reasonable have been inferred at Bid into incidental Work where Contractor otherwise establishes entitlement under the Contract.”.
- 3. Specification 01_71_23 – FIELD ENGINEERING
 - a. Section 1.03A.3: **REPLACE** in its entirety with, “Existing utilities.”
 - b. Part 1: **ADD** the following Section 1.04 after Section 1.03:
“1.04 AS-BUILT SURVEY COLLECTION
 - A. Collect as-built survey information before affected Work is covered or

made inaccessible.

- B. Record, as applicable:
 - 1. Horizontal coordinates.
 - 2. Vertical elevations.
 - 3. Pipe and conduit inverts.
 - 4. Utility crossings.
 - 5. Pipe sizes and materials.
 - 6. Valves and fittings.
 - 7. Manholes, vaults, cleanouts, and structures.
 - 8. Buried electrical and instrumentation systems.
 - 9. Abandoned utilities.
 - 10. Limits of demolition.
 - 11. Installed equipment locations.
 - 12. Survey control and datum.
 - 13. Changes from the Contractor Documents.
- C. Use survey control, coordinate system, and datum established or accepted for the Project.
- D. Submit the information for incorporation into the Record Documents.”

4. Specification 01_77_00 – CLOSEOUT PROCEDURES

- a. Section 1.10: ADD the following paragraph I after paragraph 1.02H:

- I. “Record Documents and Digital As-Built Survey
 - 1. Maintain current Record Documents throughout construction and update them no less frequently than monthly.
 - 2. Record concealed Work before it is covered or made inaccessible.
 - 3. Incorporate survey information collected under Section 01_71_23 – Field Engineering.
 - 4. Record, as applicable:
 - a. Horizontal coordinates.
 - b. Vertical elevations.
 - c. Pipe and conduit inverts.
 - d. Utility crossings.
 - e. Pipe sizes and materials.
 - f. Valves and fittings.
 - g. Manholes, vaults, cleanouts, and structures.
 - h. Buried electrical and instrumentation systems.
 - i. Abandoned utilities.
 - j. Limits of demolition.
 - k. Installed equipment locations.
 - l. Survey control and datum.
 - m. Changes from the Contractor Documents.
 - 5. Provide:
 - a. Searchable PDF files.
 - b. Editable digital files.
 - c. Native survey or CAD files required by Owner.
 - d. Associated metadata required by Owner.
 - 6. Coordinate system, datum, file type, layering, naming, and metadata requirements before final data collection.

7. Current Record Documents are required with each applicable Application for Payment.
 8. Engineer may reject the unsupported portion of an Application for Payment where current Record Documents required to support that portion are not provided.
 9. Before requesting Substantial Completion, submit Record Documents sufficiently complete to document completed and concealed Work. Final drafting corrections may remain only accepted by Engineer.
 10. Before Final Completion, submit complete final Record Documents and the digital as-built survey."
5. Specification 09_96_01 – HIGH-PERFORMANCE COATINGS
 - a. Section 1.05A.2: **DELETE** "2. SSPC-QP1 certified."
 6. Specification 26_69_01 – BURIED GALVANIC ANODE CATHODIC PROTECTION
 - a. Section 2.02E.5a: **DELETE** table entry "No. 10 AWG cable" under Bond Type column for both Joint Bonds rows and **REPLACE** with, "No. 4 AWG cable" for both rows.
 7. Specification 40_05_00.01 – COMMON WORK RESULTS FOR GENERAL PIPING
 - a. Section 3.03A Attachment A – Pipe Schedule: **ADD** a new row in the pipe schedule for the RAS (Return Activated Sludge) service. The pipe shall have the following values for the respective columns (where information is blank, the corresponding table entry is blank):
 - a. Process Abbreviation:
 - b. Service: Exposed
 - c. Nominal Diameter (inches): 3 and more
 - d. Material: DIP
 - e. Pressure Class Special Thickness Class Schedule Wall Thickness: CL 53
 - f. Pipe Spec. Section: 40_05_19.01 - Ductile Iron Pipe: AWWA C151
 - g. Joint/Fittings: GE, FL where indicated
 - h. Test Pressure/Method: 50 psig/HH
 - i. Lining: CM
 - j. Coating: EPU-M-1
 - k. Service Conditions:
 - l. Comments:
 8. Specification 43_23_31.30 - VERTICAL NON-CLOG CENTRIFUGAL PUMPS
 - b. Section 2.01 A1: **DELETE** "equivalent product." and **REPLACE** with "Series number as scheduled."
 - c. Section 3.04: **DELETE** and **REPLACE** the following entries in the table under Required Condition 3 (At Maximum rpm) subcategories:
 - a. Flow, Gallons per Minute: 650
 - b. Head Range, Feet: 42 – 46
 - c. Minimum Efficiency, Percent: 60

BIDDER QUESTIONS AND RESPONSES

The following questions were received by the City, and clarifying responses are provided:

1. Question: Please confirm a mutual waiver of consequential damages, as listed, will be inserted into the final contract documents stating: "In no event shall any Indemnified Party or the Contractor be liable to the other for any indirect, special or consequential damages (including, but not limited to, loss of profits, interest, earnings or loss of use) whether arising in contract, tort or otherwise."

Response: The City does not intend to modify the contract documents to add a mutual waiver of consequential damages.

2. Question: Please provide a reasonable cap for liquidated damages and confirm that they are the "sole and exclusive" remedy for delay.

Response: The City does not intend to modify the contract documents to impose a cap for liquidated damages or to specify that they are the City's sole and exclusive remedy for delay.

3. Question: Please confirm that the City is the generator of all pre-existing hazardous material and will sign transportation manifests for abatement.

Response: The City confirms that the City is the generator of all pre-existing hazardous material. The City or an authorized agent for the City will sign transportation manifests for abatement.

4. Question: Please confirm that the City will indemnify the Contractor for any loss, cost, expense, or fine related to any pre-existing hazardous material.

Response: The City does not intend to modify the contract documents to add the suggested indemnification language.

5. Question: Can you provide the make and model of the FACP's in Building 710 and 420?

Response: The 710 Building Fire Alarm Control Panel is a Potter AFC-1000. There is no FACP in Building 420.

6. Question: Please clarify response in question 8 response 3 (from Addendum 1). Is this RFQ soliciting ICSC quotes or is the ICSC scope under separate contract already?

Response: Contractor to provide all instrumentation and control programming as specified in Section 40_61_00 and elsewhere in the contract documents.

7. Question: Specification Section 31 23 19 (Dewatering) says to discharge dewatering water "as shown on the drawings," but we can't find a discharge location on any of the drawings. Please provide the location where dewatering water is to be discharged. Also, can we discharge it to the sanitary sewer? If so, please confirm any permit, pretreatment, or flow-rate limits that apply.

Response: Discharge of dewatering water, groundwater, or construction stormwater to the sewer system is not allowed.

Dewatering water to support excavation shall be discharged into the adjacent stormwater conveyance system in accordance with requirements outlined in Note X. Element 10-Control Dewatering on Drawing 020C105. Discharges to the stormwater conveyance system are subject to the requirements of Bellingham Municipal Code 15.42.060.

Additionally for this project, any stormwater and groundwater discharges must be compliant with the requirements of the Industrial Stormwater General Permit (ISGP) (Link: <https://ecology.wa.gov/regulations-permits/permits-certifications/stormwater-general-permits/industrial-stormwater-permit>) which is incorporated by reference into this contract (Ref Project Manual Appendix B.10). ISGP Special Condition S5 identifies limits (e.g. Turbidity 25NTU) for discharges; ISGP Special Conditions in S5.d.2 provides for conditional authorization to discharge uncontaminated groundwater (S5.d.2.f) and dewatering water (S5.d.2.g) subject to the conditions of the permit. The Contractor shall be responsible to meet the requirements of the applicable permits, and shall provide any pretreatment systems required to treat dewatering water prior to discharge as necessary. Contractor shall identify all required treatment systems and discharge locations in the site-specific Dewatering plan.

8. Question: Sheet 030C101 (attached) and Section 01_50_00, 1.13: The temporary RAS piping routes shown cross plant roadways. Please confirm that the temporary piping may be laid at grade across these roadways for the duration of the bypass without vehicle ramps or crossings, and identify any roadway or fire lane that must remain open to traffic per Section 01_14_00, 1.09.F through H.

Response: Temporary RAS pipe routing as proposed and shown on 030C101 is confirmed to allow for piping to be laid at grade at road crossings and to block the (2) southern plant roads. Final piping layout shall be coordinated during bypass plan review to maximize plant circulation. Where at-grade temporary piping follows the plant road alignment, piping shall be placed near the curb line within the roadway or outside the curb line.

9. Question: The insurance requirements are not provided in Section 1-07.18 of the Standard Specifications, as noted in the response to the first question. Can you please provide the insurance requirements for this project?

Response: Bidder shall reference the response to Question 4 issued in Addendum 1. The Special Provisions published in the project manual modify or supplement the Standard Specifications. The Standard Specifications for Road, Bridge, and Municipal Construction are available from WSDOT at this webpage:

<https://wsdot.wa.gov/engineering-standards/all-manuals-and-standards/manuals/standard-specifications-road-bridge-and-municipal-construction>

10. Question: The I/O list (Section 40_96_15) assigns 28 new points to existing PLC-2 and 57 new points to RIO-53A. On Network Block Diagram 010N108, RIO-53A is shown as rack RBC-3D of existing PLC-3, in existing panel LCP-53020. However: Section 01_11_00, 1.06 lists "PLC 3 Replacement" as an activity by others. Key Note 2 on 010N108 says PLC-2 panel ACP-34010 was recently replaced by Process Solutions. Key Note 3 says a panel will be replaced by Process Solutions as part of the PLC-3

replacement, but that note is not tagged to any panel on the drawing.

- a. Please clarify: PLC-3 timing. Will the PLC-3 replacement be finished before this project's I/O and programming work begins, or will it happen at the same time or afterward? Will RIO-53A and LCP-53020 be replaced or changed by that project? If so, should bidders base their work on the existing or the replacement PLC-3 hardware?

Response: The PLC-3 replacement project has been completed. See Attachment B in this addendum for LCP-53020 record drawings. Bidders shall base their work on the replaced panel.

- b. Please Clarify: Which panel Key Note 3 applies to. Please identify the panel Key Note 3 refers to.

Response: This keynote refers to LCP-53020 (RIO54A) and that panel has been replaced. Drawing will be adjusted to clarify keynotes as this response indicates in Addendum 3.

- c. Existing panel modifications. Is the ICSC responsible for adding I/O modules, terminals and wiring inside the existing ACP-34000/ACP-34010 and LCP-53020? This includes meeting the 25% spare I/O and spare slot requirements of Section 40_64_01, 1.09.B at these existing racks. Or are the existing racks to be modified only as needed to land the new I/O? Programming.

Response: Existing racks are modified only as needed to land the new I/O. The ICSC shall provide all modifications required to integrate the new process equipment into the existing control system, including installation of additional I/O modules, terminals, wiring, and related hardware as required. The requirement for 25% installed spare I/O and spare slots applies to new control panels furnished under this Contract and is not intended to require wholesale replacement or expansion of existing City-owned PLC racks solely to satisfy spare-capacity requirements.

- d. Is the ICSC responsible for changing the existing PLC-2 and PLC-3 programs and the plant SCADA screens for the new equipment? If so, please provide the current PLC and SCADA platform, software versions, and the existing programs. If not, please confirm that the City or Process Solutions will do this work. SCADA software spec.

Response: ICSC is responsible for modifications to existing PLC programs to provide a fully functional system. The ICSC is responsible for all PLC, remote I/O, HMI, and SCADA programming modifications required for integration of the new equipment in accordance with Section 40_61_00 and related Contract Documents.

SCADA: AVEVA InTouch 2020 R2 SP1.

PLC Software version is 30.02.

- e. Section 40_61_00 references Section 40_68_16 (Control Systems: PCS Software), but that section is not in the project manual. Please issue the section or confirm that SCADA software requirements are limited to changes to the existing plant SCADA system.

Response: This reference was included in error and can be ignored. This spec is geared for a new, full SCADA deployment and is not applicable on this project.

- f. Panel name. Please confirm that ACP-34000 (Sections 01_14_00 and 26_06_01, sheet 340D101) and ACP-34010 (sheet 010N108) are the same panel.

Response: ACP-34000 and ACP-34010 are separate cabinets as shown in the Contract Documents.

11. Question: We requesting to utilize EasyPower for the Electrical System Studies (Spec Section 26_05_74) as an or equal alternate to Operation Technology, Inc., ETAP or SKM Systems Analysis, Powertools. Please confirm if this will be acceptable

Response: EasyPower may be considered an "or equal", provided that the vendor can meet the requirements of the applicable specification section. Contractor shall provide submittals demonstrating compliance with the contract requirements.

12. Question: The specifications identify multiple acceptable manufacturers for the following electrical equipment:

- Panelboards: ABB, Eaton, Schneider
- Motor Control Centers: ABB, Allen-Bradley, Eaton, Schneider
- Transformers: ABB, Eaton, Jefferson, Schneider
- Automatic Transfer Switches (ATS): ABB, ASCO, Eaton, Russelectric, Inc.

Please confirm whether all manufacturers listed in the specifications are acceptable, or if the new equipment is required to match the manufacturer of the existing equipment currently installed at the plant.

If matching the existing equipment is required, please identify the existing manufacturer for each applicable equipment type so that the correct manufacturer can be carried.

Response: All manufacturers listed in the specifications are acceptable for new major electrical equipment. For modifications / new additions to existing equipment it will be necessary to match the manufacturer of the existing equipment as required to meet applicable UL listings or equivalent Nationally Recognized Testing Laboratory (NRTL) equipment listings. Modifications / new additions to existing equipment are indicated on the Drawings and includes existing manufacturer information (as example Drawing 340E004 sheet 103 of 198)

13. Question: Specification Section 26 05 33, Paragraph 3.02(F.1.d) states: "Provide factory-made elbows for large-radius bends for conduits 1-1/4-inch trade size or larger". Please clarify what minimum bend radius is required to be considered a "large-radius bend" for

conduits 1-1/4-inch trade size and larger. Please provide the required bend radius for each applicable conduit size so that the appropriate factory-made elbows can be included in the bid.

Response: Section 26 05 33 require factory-manufactured long-sweep elbows for conduits 1-1/4-inch trade size and larger. For bidding purposes, provide factory-made elbows with a minimum centerline bend radius of 12 inches. Where required by cable manufacturer bend radius requirements or specifically indicated on the Drawings, provide larger sweep radii as necessary. Standard-radius elbows are not acceptable where the specification requires large-radius bends. Minimum bending radius of the cable must be less than the radius of the conduit bend.

14. Question: For fire alarm Honeywell provide identifier – spec does show multiple options but is Honeywell the preferred vendor to match on site?

Response: This question will be responded to as part of upcoming Addendum 3.

15. Question: Please reference Detail 8 on Drawing 420S106. The detail calls out new beveled exterior siding and 1×6 vertical tongue-and-groove interior siding. Please identify the specified material for each siding type and provide the applicable specification section.

Response: Match existing as indicated in the Contract Documents.

16. Question: Are there areas that cannot support a crane when we demo the chlorine building?

Response: Crane should avoid operating directly over the pipe gallery. For other structures, the conservative assumption is to set the crane outside a 45-degree projection from the bottom basement elevation for each structure to avoid surcharging.

17. Question: Plan sheets 030C102 and 440M101 show different orientations/layouts for the 6" BS pipeline coming from the south and west and the W3 line along the east side of the building. Can you please confirm which is correct?

Response: Drawing 440M101 is correct. See Attachment A for revised/replaced drawing 030C102.

18. Question: Plan view B on sheet 050M102 shows a new 6" BS line coming from the east but there is no starting point indicated for this new line. Plan view H on sheet 050M103 indicates a new 6" BS line heading east but shows no termination point. Can you please confirm that it is intended for the new 6" BS line on 050M103 to extend all the way to the new 6" BS line on 050M102?

Response: The intent of the drawings is that the piping between the enlarged plans for Area 50 also needs to be installed. The enlarged plans are provided to clearly show routing of piping in complicated areas or where valves/service controls are needed but do not show the entirety of the length of pipe required.

19. Question: Plan sheet 050M103 shows the pipe and fittings for the 8" and 6" WAS lines as grooved. However, plan sheet 050M106 shows the same pipe and fittings as flanged. Can you please confirm which is correct?

Response: Drawing 050M106 is correct for the piping shown.

20. Question: There are short sections of ductile iron pipe and fittings on plan sheet 340M101 on the 12" RAS line, but no specifications for ductile iron piping for the RAS line exists on the pipe schedule. Can you confirm that the specifications for DI piping for RAS lines matches that for BS lines?

Response: That pipe is missing from the pipe schedule. See the modification for the pipe schedule issued in this addendum to add the missing pipe description.

21. Question: Drawings 030C102 and 440M106 appear to conflict regarding the water line that extends from the Odor Control to Building 320. Please advise whether this is a W1 potable water line with copper materials or a W2 non-potable water line with PVC materials.

Response: This line shall be a W1 pipe as shown on Drawing 030C102.

22. Question: Specification 09 96 01 for High-Performance Coatings, Section 1.05 lists the CSA qualifications and includes a requirement for SSPC-QP1 certification. This certification dramatically narrows the available pool of coating subcontractors and eliminates all reputable industrial coating contractors in the local area. Would the engineer please waive this requirement, considering the other CSA and CTR qualifications ensure the contractor be qualified to apply the specified materials?

Response: The requirement for SSPC-QP 1 is waived as issued in this addendum. Contractor must satisfy all other conditions referenced in 1.05A for the CSA.

23. Question: "It would be helpful to know for our takeoff/testing plan if the metallic pipe penetration concrete reinforcement isolation testing is required, then how many pipe penetrations are there in the yard piping plan?"
- Per sheet 15 of specification 26 60 01 there is a Bond detail. The details for joint bonds references 36-inch Ductile iron pipe and calls out the bond type to be No. 10awg cable. The Continuity bonds also call out No. 10awg cable. Is this intended joint bond & continuity cable size, correct? The smallest we typically see is #4awg.

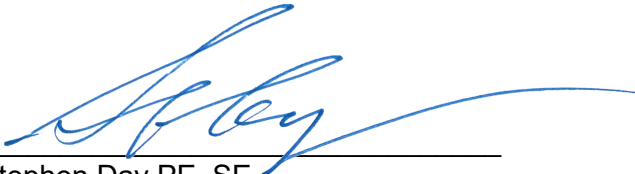
Response: The continuity bonds shall be at least #4 AWG. #10 are fine for all the structure cables and such. But bonding shall be #4 AWG.

- Per specification 26 60 01 page 16, D. Isolation. If there is an isolation flange kit installed prior to a pipe penetration is the isolation from concrete reinforcement still required?"

Response: In this case, if you are isolated and there is no CP on the portion that comes into contact with rebar it's not as crucial. We still like to avoid contact with rebar, however, in case isolation fails.

The above changes shall constitute a binding change to the contract documents for this project and shall become a part of any resulting contract awarded subsequent to the opening of bids for the project.

Remember that the bidder must acknowledge receipt on the signature page of the proposal, of all addenda issued during the bidding period. *Failure to so acknowledge may result in the proposal being rejected as not responsive.*



Stephen Day PE, SE
Project Engineer

Addendum 2 Attachments:

1. Attachment A – Drawings (3pgs)
2. Attachment B – LCP-53020 Reference Drawings (28 pgs)