

ADDENDUM NO. 1**Bentonville WRRF Improvements**

City of Bentonville, AR

Dated: April 16, 2025

This Addendum shall be a part of the Plans and Contract Documents and Specifications to the same extent as though it were originally included therein, and it shall supersede anything contained in the Plans and Contract Documents and Specifications with which it might conflict.

A. GENERAL CLARIFICATIONS

1. Bid Item Special Instructions
 - a. Item C10 shall include sidewalks/ramps/stairs/landings, street sweeper pad, housekeeping pads. Weep hole filter rock and associated filter fabrics behind retaining walls or drainage structures shall be included in this bid item.
 - b. Bid Item C3 shall include excavation for permeable pavement and asphalt grade changes.
 - c. Bid Item O13 of the Equipment RFP shall include Removal, Supply, & Installation of the 75 HP Aerator Motors
 - d. Bid Item O12 shall include Removal & Installation of the rotating pipe plate weir gate & operators.
 - e. Bid Item D9 is to include all demolition related to Recycle Pump Stations 1 & 2.
 - f. Bid Item I18 includes the double-leaf equipment access doors on the Influent Structure roof.
 - g. Bid Item II35 Phase 2 – Operations Building – Architectural Louvers Install quantity shall be 1 LS.
 - h. Bid Item FF17 also includes gear lockers.
 - i. Bid Package 29 - Process Piping: Bid Item I36 shall include the supply and installation of FRP piping and piping components (flex joints, expansion joints, etc.) that are not specifically listed to be supplied by the Odor Control System Manufacturer.
2. The Admin/Lab Building is the same building as the Operation Building.

B. SPECIFICATIONS

The following is a change and/or addition to the Construction Plans and Detailed Specifications, Bidding and Contract Documents, HWEI Project No. 2021037, prepared by Hawkins-Weir Engineers, Inc. For the City of Bentonville, Arkansas, dated March 2025.

1. SPECIFICATIONS — SECTION 01170 — SPECIAL PROVISIONS, Section 1.19.B is revised to add the following sentence at the end of the paragraph:

- a. Where possible, all of the individually packaged spare parts for a single piece of equipment shall be packaged together in a single box, carton, or pallet and labeled to identify to piece of equipment associated with the container.
2. SPECIFICATIONS — SECTION 03300 — CAST-IN-PLACE CONCRETE, is revised as follows:
- a. Section 1.06.A is revised to delete Paragraph 9 in its entirety and renumber the following paragraphs 9 through 11.
 - b. Section 2.02.F is revised to delete Paragraph 5 in its entirety and renumber the following paragraphs 5 and 6.
 - c. Table 1 is revised to delete the CWA column, delete Note 11 in its entirety, and renumber Note 12 to 11.
3. SPECIFICATIONS — SECTION 04200 — MASONRY, is revised as follows:
- a. Delete Section 1.09 in its entirety. No spare materials are required to be supplied to the Owner at the conclusion of the project.
4. SPECIFICATIONS — SECTION 09902 — FINISH PAINTING, is revised as follows:
- a. The following is added as Section 1.06.G:
 - i. Submit a list of all paint color codes used on the project cross referenced with the locations where each color was used. The color codes shall include sufficient information for the Owner to order the paint color from the manufacturer if additional paint is required in the future.
 - b. Section 1.12 is deleted in its entirety and Section 1.13 is renumbered as Section 1.12. No spare paint is required to be supplied to the Owner at the conclusion of the project.
5. SPECIFICATIONS — SECTION 10830 - RESIDENTIAL APPLIANCES, is revised as follows:
- a. Delete Section 2.01 DISHWASHER, and renumber Section 2.02 as 2.01.
6. SPECIFICATIONS - SECTION 11333 — SCREENINGS WASHER/COMPACTOR, is revised as follows:
- a. Section 1.08.B.1 is revised to require only One (1) replacement auger
 - b. Section 1.08.B.2 is revised to require only one (1) replacement set of UHMW liners with stainless steel fasteners
7. SPECIFICATIONS - SECTION 15400— PLUMBING, is revised as follows:
- a. The following is added as Section 2.07. J: Food Waste Disposers
 - i. Food waste disposer motor size, power supply, and model shall be as indicated on the Drawings. Disposers shall consist of stainless-steel

grinding chamber, grinding elements, impellers, and stopper. Disposers shall be provided with permanently lubricated bearings, a motor overload protector, a tailpiece, a 5-foot, 3-wire power cord with a polarized plug, and a service wrench. Disposers shall be UL listed and shall be manufactured by In-Sink-Erator, Waste King, or General Electric.

C. DRAWINGS

1. The following sheets have been reissued; see attached and replace plan sheets accordingly.
 - a. C-22
 - b. C-24
 - c. C-39
 - d. C-49
 - e. C-50
 - f. C-51
 - g. D-1
 - h. DA-1
 - i. DA-3
 - j. DH-3
 - k. DM-1
 - l. AL-10
 - m. SZ11
 - n. H-5
 - o. HL-3
 - p. HL-4
 - q. HM-3
 - r. HM-5
 - s. HM-6

D. RFP DOCUMENTS

1. Bid Form Changes (please also see revised bid forms attached)
 - a. Bid Package 00 – Equipment Supply
 - i. Bid Item I34 shall be re-named to “Phase 1 – Influent Str. – Coarse Screening System Supply 11331/11333/14552”
 - ii. Bid Item N19 shall be added and defined as “Phase 1 – Anoxic BasinS – Slide/Weir Gate Supply 11280/11282”
 - iii. Bid Item O8 shall be re-named “Scum Baffle Supply”
 - iv. Bid Item R14.1: Phase 2 – Sec. Clar. No 1 Clarifier – Clarifier FRP Covers shall be added.
 - v. Bid Item S3.1: Phase 1 – Sec. Clar. No. 2 – Clarifier FRP Covers shall be added.

- vi. Bid Item T14.1: Phase 1 – Sec. Clar. No. 3 – Clarifier FRP Covers shall be added.
- vii. Bid Item RR1 shall be added and defined as “Phase 1 – Sump Pump Supply 11315”
- viii. The following bid items have been added to accommodate the option of FRP Slide Gates:
 - a. I36.1 – Phase 1 – Influent Str. – Slide/Weir Gates Supply – FRP
 - b. N19.1 – Phase 1 – Anoxic Basins – Slide/Weir Gate Supply – FRP
 - c. O10.1 – Phase 1 – Aeration Basins – Slide/Weir Gate Supply – FRP
 - d. Q12.1 – Phase 1 – Sec Clar Dist & RAS PS – Slide/Weir Gate Supply – FRP
 - e. Z24.1 – Phase 2 – Ter. Trtmnt, UV, Post Aeration, P Flume – Slide/Weir Gates Supply – FRP
- b. Bid Package 2 – Earthwork:
 - i. Bid Item C3’s quantity has changed to 1,230 CY.
 - ii. Bid Item C23 shall be added and defined as Undercut & Backfill for Asphalt Pavement
 - iii. Bid Item LL12 “Temp North Access DR – Removal & Restoration” has been removed.
- c. Bid Package 4 – Site & Structure Demo:
 - i. Bid Item D29 shall be added and defined as Existing Street Sweeper Was & Grit Basin removal
 - ii. Site & Structure Demo: Bid Item D15 shall re-named to “Phase 1 – Site and Structure Demo – Existing Anoxic Basins.”
- d. Bid Package 5 – Concrete – Headworks & Anoxic Basin
 - i. Several quantities have changed; please review the attached updated bid packages.
- e. Bid Package 8 – Concrete – Small Structures:
 - i. Bid Item E20 shall be added and defined as Street Sweeper Clean-Out Pad.
 - ii. Bid Item SS1 shall be added and defined as “Phase 1 – Sludge Thickener Junction Box – Concrete Wall Extension.”
- f. Bid Package 9 – Fencing & Gates:
 - i. Bid Item F2 shall be added and defined as “North Entrance Double Swing Gate”
- g. Bid Package 10 – Yard Piping
 - i. Bid Item G89 quantity has changed to 9 EA
 - ii. Bid Item G90 quantity and unit of measure has changed to 1 EA
- h. Bid Package 13 Miscellaneous Metals:
 - i. Bid Item E21 shall be added and defined as Site Misc. Metals. This item includes, but is not limited to, handrails, embeds, grating, plates, etc.

- ii. Bid Item SS2 shall be added and defined as “Phase 1 – Sludge Thickener Junction Box – Misc. Metals (Supply & Install).”
- i. Bid Package 14 – Glass & Glazing:
 - i. Bid Item J33 shall be added and defined as “Phase 1 – Influent Bldg. – Glass and Glazing”
- j. Bid Package 19 – Light Framing & Misc:
 - i. Bid Item FF23 shall be added and defined as “Phase 2 – Main. Bldg. – Framing/Insulation/Sheetrock/Exterior Sheathing”

E. QUESTIONS & ANSWERS

Q1. Can the ABB electromagnetic flowmeter be considered as an approved equal?

A1. Where equals are allowed in the Contract Documents, alternative products that comply with the specified requirements may be bid.

Q2. Can Taylor Power Generators be considered as an approved equal?

A2. Where equals are allowed in the Contract Documents, alternative products that comply with the specified requirements may be bid.

Q3. Do trenches for under-slab electrical conduits require flow fill concrete for backfill?

A3. Yes, all under-slab piping and electrical conduit will require slurry mix backfill in accordance with Detail S110/Drawing SZ-1.

Q5. It is understood that AIS certification letters are to be provided for all Iron and Steel components with certification statement, job name, location, materials to be provided, and signature of company representative. Some manufacturing locations are TBD until order release. Is it acceptable to exclude manufacturing state and city of manufacture until final MTRs are provided?

A5. AIS Certifications are required prior to material delivery and are preferred during the submittal review process. Materials that could be manufactured in multiple locations may have all of the potential manufacturing locations provided in place of a single location.

Q6. Specification # 05500 (2.07) provides details for design of Steel stairs. Specification# 05120 (1.06) provides Design Criteria for Stairs, Landings, and elevated Platforms. It is understood that all steel stairs are to be considered delegated design. What spec section should the designing engineer follow?

A6. Yes, all stairs, landings, and elevated platforms shall be considered delegated design (unless specifically noted otherwise in the Drawings). Paragraph 1.06 of Specification Section 05120 Structural Steel is the applicable design criteria for these stairs, landings, and elevated platforms. Paragraph 2.07 of Specification Section 05500 Miscellaneous Metal will be deleted in its entirety in a forthcoming Addendum.

Q7. Specification # 05400 provides details for Cold-Formed Metal Framing. Drawings detail Steel Bar Joists, but specification# 05600 is not provided. Are the Joist to be cold formed or Steel bar Joists? If they are to be cold formed, details for welding will not be applicable.

A7. The bars joist shown in the drawings are steel bar joists. Specification Section 05210 Steel Joists will be added to the specifications in a forthcoming addendum.

Q8. Roof access ladder on influent building. Drawings do not indicate material type. Spec section 05500, 2.08 refers to aluminum ladders, typical for the vault ladders. Please provide specifications and details for the roof access ladder.

A8. Exterior roof access ladders shall be constructed of aluminum per Specification Section 05500-2.08 and Detail S406.

Q9. Regarding all metal grating: Spec section 05500, 2.05 (Metal grating) and spec section 05530 (Gratings and Cover Plates) are not equal. What spec section will govern?

A9. Specification Section 05500 Part 2.05 Metal Grating will be deleted. Grating will be specified under Specification Section 05530 Gratings and Cover Plates.

Q10. What allowance will be made for unforecastable metals pricing? I have witnessed 350% increase in some metal prices in a 4 week span. Suppliers will only hold pricing till end of day of quote. How are subcontractors expected to hold pricing for several months in this environment?

A10. Although the project teams understand that the current market conditions may become unstable throughout the duration of the project, Subcontractors and Suppliers shall prepare their bids according to current and potentially volatile future market conditions.

Q11. Detail S201 & S202 have a 0" dimension. Please clarify.

A11. Details S201 and S202 will be revised in a forthcoming Addendum. The 0-inch dimensions in both Details will be revised to ½-inch.

Q12. Detail S304; Diagonal brace shown has both a bolted and welded connection. Please confirm/clarify.

A12. Detail S304 will be revised in a forthcoming Addendum. The access platform diagonal braces shall be bolted and will not require to be welded.

Q13. Detail S406; The ladder is supported only by the brick veneer. Is this design dictated by the engineer of record or by contractor? Could the design be modified to allow support from the slab? Will this ladder require calculations and engineering stamp?

A13. Detail 406 will be revised in a forthcoming Addendum to include a slab-supported base plate. The aluminum ladder will be a delegated design similar to other miscellaneous metals.

Q14. Detail S601; Please clarify the note/drawing for the embed plate. It is unclear if there are two plates required.

A14. A single galvanized embed plate into the bond beam is required at each steel joist bearing location. The dimensions of the galvanized embed plate are shown in Detail S601 and shall incorporate two (2) ½-inch diameter x 6-inch long stud anchors.

Q15. Does bid packet 23 include process pipe directly related to equipment install? For example, grit removal pipe, washer/compactor pipe, grit separator, compressed air, odor control, lift stations, chemical feed, etc.

A15. Unless provided by the manufacturer of the process equipment (including chemical feed), process piping shall be included within Bid Package 29 – Process Piping (Supply & Install).

Q16. Is the manual bar screen supply part of the misc. metals bid packet or equipment sub supply bid packet?

A16. Manual Bar Screens shall be supplied and installed within Bid Package 13 – Miscellaneous Metals, Bid Item I18.

Q17. Since ABB has purchased GE, will ABB be accepted where GE is stated as a MFG in the electrical packages?

A17. Where GE is included as a manufacturer within a specification, ABB will be accepted for that equipment.

Q18. For Horizontal neutral bus ratings in the MCCs, do you want it 1/2 of the main rating or the same as the main buss rating?

A18. The horizontal neutral bus can be ½ the main power bus rating.

Q19. Requesting permission to bid Wilo mixers an approved equal on Bid Item N15/ SECTION 11154 SUBMERSIBLE HORIZONTAL PROPELLER PUMPS.

A19. Where equals are allowed in the Contract Documents, alternative products that comply with the specified requirements may be bid.

Q20. Can you break out bid items R14, S3, & T14 into separate bid items for the spiral scraper clarifier to be provided under one bid item and the FRP items to be provided under another? Or at least for the new proposed clarifier bid item T14?

A20. The clarifier equipment will be awarded to one single manufacturer. Bid items will be added for the FRP covers.

Q21. Requesting permission to bid Warminster FRP an approved equal on Bid Items O8, R14, S3, T14, & Z26 relating to the following spec sections: SECTION 11226 GLASS FIBER REINFORCED PLASTIC FABRICATIONS, SECTION 11366 SCUM BAFFLE EQUIPMENT, & SECTION 13121 PREFABRICATED FIBERGLASS ENCLOSURES.

A21. Where equals are allowed in the Contract Documents, alternative products that comply with the specified requirements may be bid.

Q22. SECTION 16460 transformers call out specification for what it looks like Dry Transformers, but the one-lines show pad mount transformers being fed from the utility which indicates a Pad Mount. volume 1 calls out section 26 12 19 - MV, 3PH, pad mounted transformers. Is there a spec available for these?

A22. There is no specification for MV pad mount transformers. The Bentonville Electric Utility Department will be supplying and installing the MV pad mount transformers. See Sheet E-13 notes for Contractor and Bentonville Electric responsibilities.

Q23. The drainage ditch northwest of the Influent Structure abruptly stops on the top of plan page C-16. Will there be additional required grading to finish the flowline of the ditch?

A23. The additional grading will be added to Sheet C-16 in Addendum 2.

Q24. The Influent Building section drawings do not show dimensions, elevations, reinforcing steel/formsavers, concrete accessories, vertical joint spacing, etc. Can these details be provided as to accomplish a complete and accurate takeoff?

A24. These sheets will be reissued in Addendum 2.

Q25. The specs reference vertical joint spacing for concrete to be 16' max, however, sheet SA-17 shows the second half wall pour starting at El. 1132 up El. 1148.50 (16'-6" pour height). Is a 16'-6" pour height acceptable? Additionally, this pour height better accommodates slab El. 1132 in pour sequencing.

A25. The 16'-6" pour height is acceptable and intentionally shown at that location to facilitate construction of the structure and pour sequence.

Q26. On the SA-20 Section View, please advise what the line represents on elevated slab El. 1148.50.

A26. This line does not represent anything and will be removed with the sheet revisions included in Addendum 2.

Q27. It's not clear how the drainage chute is to integrate with the rectangular channel that runs parallel to Aeration Basin No. 1. Are the keyed note "4" identifiers intended to be blockouts in the rectangular channel to allow flow? If not, how do these two systems integrate?

A27. At each location indicated by a Keyed Note 4 there should be a 4-foot wide blockout flush to the finished pavement grade to allow surface drainage to enter the drainage channel.

Q28. Regarding the coarse drain fill behind retaining walls: Is the intent to line the entire length of the channel with the coarse stone to act as filter material for weep holes? Or should the contractor only install coarse drain at the weep hole locations?

A28. Per Detail C706 there is to be 2 cubic feet of coarse drain fill encapsulated with a geotextile membrane installed at each weep hole location.

Q29. For the items we're relocating, do we have know where we're locating these relocation items to? Are they somewhere on site?

A29. The Street Department has already relocated these items, and we will remove this requirement as part of this addendum.

Q30. Is there a spec for the double-leaf access doors on the Influent Building roof?

A30. The roof access hatches on the Influent Building and the Effluent Pump Station are specified in Section 05500-2.11.A.

Q31. In the shoring plan, where shoring braces intersect walls, vertical reinforcing wall dowels will not be able to be used. We propose to use formsavers in lieu of vertical dowels in these locations. Please advise if this would be acceptable?

A31. Mechanical bar splicers "form savers" may be used in accordance with Paragraph 2.01.K of Specification Section 03200.

Q32. Confirm what pipes detail S110 on sheet SZ-1 covers as it is not called out in either the civil pipe drawings or the mechanical/plumbing drawings. None of the plumbing details showing items under the slab show this encasement.

A32. This detail covers all pipe buried under structures and is shown around larger pipes on the mechanical sheets (See MA-11, MA-13, ME-2, ME-8, MF-1, etc.). It is identical to Detail M806 and is referenced in Section 02315-2.02.B.

All below slab piping and conduit shall follow detail S110.

Q33. Joists on SA-15 assumed 29.6 PSF Net uplift. Please verify.

A33. Net uplift will be provided on revised SA Sheets in a forthcoming addendum.

Q34. Roof Deck on AS-15 assumed 1.5B22 (Type/Gauge/Finish not Specified). Please Specify.

A34. Roof Deck type, gauge, and finish will be specified on revised SA Sheets and added Specification Section 05310 Metal Decking in a forthcoming addendum.

Q35. For 36LH Joists on SA-15, no joist designations provided. Please specify.

A35. Joist designation will be provided on revised SA Sheets in a forthcoming addendum.

Q36. Spec section 11310, 2.01, 3: "All necessary foundation bolts, plates, nuts and washer shall be furnished and installed." Please clarify who will provide.

A36. All process equipment anchoring systems shall be provided by the equipment manufacturer. Installation of the anchoring system and supply of adhesives shall be within the installation contractor's scope.