ADDENDUM THREE

DATE: November 16, 2026

TO: PROSPECTIVE BIDDERS

FROM: EAGLE ENGINEERING GROUP
12100 W Center Road, Suite 803
Omaha, Nebraska 68144

RE: Water Treatment Plant Replacement
Minden, Iowa
EEG #24-34

This addendum forms a part of the Contract Documents and modifies the original Contract Documents, dated September 6, 2024, as noted below. Acknowledge receipt of this addendum in space provided on the Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION

CHANGES TO PROJECT MANUAL

1. 05121 NON-STRUCTURAL METAL FRAMING

   A. ADD Section as Attachment No. 1 to Addendum No. 3

2. 05200 STEEL JOINTS

   A. DELETE speciation section. Joists shall be wood trusses.

3. 08360 OVERHEAD DOORS

   A. ADD the following Paragraph:

      "2.01.1.i Door shall include 2 lb. density foamed in place polyurethane foam thermal value R-7.7 U-13"

4. 08500 ALUMINUM WINDOWS

   A. ADD the following approved manufacturer:

   .1 Manko Window Systems

5. 08700 HARDWARE

   A. .1 MODIFY Paragraph 2.02.2.2 to read as follows:

      ".2 Trim: similar and equal to Schlage – ND Series, Sparta Design."

B. MODIFY Paragraph 2.02.2.3 to read as follows:

".3 Finish: US26D, Satin chrome"

6. 09510 ACCOUSTCAL CEILINGS

A. ADD Paragraph 2.01.9.6:

"2.01.9.6 Additional manufacturers include: USG Radar"

7. 09651 POLISHED CONCRETE FINISHING

A. DELETE this section. All concrete will be sealed and not polished.

Material shall be Concrete Sealer: High-performance, non-yellowing, clear acrylic-based sealer; installed per manufacturer's warranty.

1. Sealer with Matte Finish: CCI GemKote 100-M, with 100 g/L VOC, or equal.
2. Performance: Concrete sealers shall meet or exceed the following:
   a. Coverage: As recommended by manufacturer.
   b. Moisture Retention, Test ASTM C 309: 0.21 kg/m² at 200 ft² per gallon and 0.32 kg/m² at 300 ft² per gallon.
   c. Gasoline Resistance: Slight dulling after 15-minute exposure (ponding).
   d. Tg: 50°C.
   e. Tukon Hardness: 30 minutes at 180°F, 9.3; 30 minutes at 300°F, 13.7.
   f. Pencil Hardness: 30 minutes at 180°F, F; 30 minutes at 300°F, H.
   g. Spray Conditions, Viscosity: 19 seconds, No. 2 Zhan cup.
   h. Abrasion Resistance: 160 mg lost, CS-17 wheel, 1000 g load, 1000 cycles

8. 09800 PAINTING

A. AMEND Paragraph 2.01.1 to read:

"Primers and undercoats shall be of the same manufacture as finish coats. Thinners shall be approved by the paint manufacturer."

B. AMEND Paragraph 3.06.1 to read:

"PAINT SCHEDULE FOR EXTERIOR WORK shall be as follows. Paint shall be Tnemec or equal."

9. 11310 POTASSIUM PERMANGANATE FEED SYSTEM

A. DELETE the following from Paragraph 1.04.1.

"The feed system shall be supplied by Vessco Inc. of Ames Iowa. Other suppliers will be required to provide their qualifications by submitting the following."

Suppliers may utilize equal equipment.

B. DELETE Paragraph 1.04.1.1 through 1.04.1.7.

C. DELETE the following from Paragraph 2.02.1:

"as manufactured by Nalgene."

D. DELETE the following from Paragraph 2.03.1:

"HYDRAULIC"

E. ADD the following to Paragraph 2.05.1:

"In lieu of day tank, calibration tubes to allow 2 gallons of maximum day storage can be used."

F. AMEND Paragraph 2.06.1 to read as follows:

"TWO METERING PUMPS shall be furnished and installed as indicated on the drawings to dispense potassium permanganate solution to the raw water at the points indicated. The pumps shall be solenoid, mechanical diaphragm type. Pumps shall be adjustable and shall have a maximum capacity of 0.50 gallons per hour at a backpressure of 150 psi. Metering pumps shall be LMI, Prominent, Blue White, or equal."

G. Blue-White is an acceptable pump manufacturer.

10. 11360 POLYMER FEED SYSTEM

A. Blue-White is an acceptable pump manufacturer.

11. 11400 CHLORINATION

A. Blue-White is an acceptable pump manufacturer.

B. AMEND Paragraph 2.01.1 to read as follows:

2.01.1 "METERING PUMPS shall be furnished and installed as indicated on the drawings to dispense chlorine to the water at the points indicated. The pumps shall be solenoid, mechanical diaphragm type. Pumps shall be adjustable and shall have a maximum capacity of 0.50 gallons per hour at a backpressure of 150 psi. Metering pumps shall be LMI, Prominent, Blue White, or equal. Control of the pre-chlorination system shall be from the raw water

magnetic meter to the aerator unit. Control of the post chlorination system shall be from the finish water meter and flow switch. The range of feed shall be adjustable from 1 to 120 strokes per minute. Provide one (1) spare metering pump for backup."

C. ADD the following to Paragraph 2.03.1:

"In lieu of day tank, calibration tubes to allow 2 gallons of maximum day storage can be used."

D. ADD the following to Paragraph 2.04.1:

"Tank shall have outlets at bottom of installation and shall include valves at each connection for feeding of day storage."

12. 11450 FLUORIDATION SYSTEM

A. DELETE this section.

13. 11550 INDUCED DRAFT AERATOR

A. Add the following Paragraphs:

2.01.6.1 Approved Manufacturers or suppliers are:

.1 Westech

.2 Tonka

.3 H2K Technologies

.4 Artesian of Pioneer (AOP)

.5 DeLoach Industries

.6 Approved equal

14. 13500 SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM

A. AMEND Paragraph 2.01.2 to read as follows:

"Approved integrators are Electric Pump, Preferred Controls, Jetco, HOA Solutions, Automatic Systems, and Logical Automation Controls."

15. 13555 WIRELESS COMMUNICATION EQUIPMENT

A. DELETE Paragraph 1.02.2 and REPLACE with the following:

1.02.2 Approved Control Integrators are:

Electric Pump
Preferred Controls
HOA Solutions
Jetco
Automatic Systems
Logical Automation Controls

16. 16200 INSTRUMENTATION AND CONTROL

A. ADD Paragraph 1.19.3

"1.19.3 Water tower controls shall also collect and transmit system pressure information from added pressure gauge located to the east of the water tower. This gauge will be used to control pressure within the system during times when the water tower is taken out of service. Installation and design of control system will allow the system to modulate the high service pump operation based upon this pressure gauge."

CHANGES TO DRAWINGS

1. SHEET G.2 PROJECT INFORMATION AND GENERAL NOTES

i. ADD General Note 37:

"37. Contractor shall be responsible for removal of all tree and compost materials found on site prior to beginning construction. The City has previously used this site as a City-wide collection location."

2. SHEET A.1 BUILDING FLOOR PLAN

i. ADD the following note:

"Gantry Crane for pump removal shall be aluminum. Model shall include four wheels and a carrying capacity of 1 ton. Crane shall include an electric chain hoist for pump and motor removal. Max height still be 12 feet with a 10 feet wide span."

3. SHEET A.2 and A.3 ELEVATION VIEWS

    i. AMEND the elevation views as follows:

        a. CMU block will stop at elevation 1208 and will transition to 4” veneer finish. Finish above 1208 will include sheeting on the exterior trusses with flashing at transition.

4. SHEET A.11 REFLECTIVE CEILING PLAN AND ROOM FINISH SCHEDULE

    i. AMEND the Roof Finish Schedule for the Process Piping Room. Ceiling finish shall be FRP – Fiberglass Reinforced Plastic Panels.

    ii. ADD the following information to the Door Schedule:

        a. Door 101, 103, and 106 shall be equipped with a rim panic exit device.

        b. Door 106 shall open into the pump / filter room.

        c. Door 101, 102, and 103 shall include lighted exit signs.

        d. Exterior doors shall include an 8 ¾” frame to wrap the wall.

5. SHEET A.13 WALL SECTIONS

    i. ADD the following note:

    “CMU Korfil inserts are required.”

6. SHEET C.5 WATER MAIN PLAN & PROFILE

    i. AMEND Note for Sta. 0+06 to Sta. 0+36 to read:

        “Install 30.0 LF 12” Dia. PVC Casing. Install 6” Dia. RJ DIP w/ spacers and end seals.”

        Bore and Jack shall not be required.

    ii. AMEND Note for Sta. 5+77 to Sta. 6+07 to read:

        “Install 30.0 LF 12” Dia. PVC Casing. Install 6” Dia. RJ DIP w/ spacers and end seals.”

        Bore and Jack shall not be required.

7. SHEET M.1 PLUMBING PLAN

    i. ADD the following note:

"6-inch and 12-inch trench drains shall be a polypropylene trench system. Drains shall include ductile iron frame, Class E stainless-steel frame guard, and stainless-steel slotted grate."

8. SHEET E.1 PROCESS ELECTRICAL PLAN

   i. DELETE the reference to the security station.

   ii. JencoFan SDBDe is an acceptable exhaust fan.

   iii. United Enertech CFL-D-6 (combination) and D-HFA-6 (stationary) are acceptable mechanical louvers.

   iv. Add the following notes:

"Chemical feed room shall include an 18" square motorized air intake louver interlock with exhaust fan & switch. Product shall be by Dayton Model 4YC88 or equal, 12" blade, aluminum, ¼ HP motor, 10" aluminum duct to 12" above finished floor. Backdraft damper shall be Dayton Model 2FTU9 or equal. Louver shall be installed in the front wall."

"Pump / filter room shall include two 18" square motorized air intake louvers interlock with exhaust fan & switch. Product shall be by Dayton Model 4YC88 or equal, 12" blade, aluminum, ¼ HP motor, 10" aluminum duct to 12" above finished floor. Backdraft damper shall be Dayton Model 2FTU9 or equal. Louvers shall be installed in the north and south walls."

   v. AMEND the previously added note:

"1. Mini-Split System 1 will include a 20,000 BTU single zone system. Servicing the control room, lab room, and restroom. System will include all indoor and outdoor installations to provide a complete and usable system. Control and thermostat for individual rooms will be placed near doors. All final installation locations and layouts will be up to the Contractor.

2. Mini-Split System 2 will include a 20,000 BTU single zone system. Servicing the chemical feed room and storage room. System will include all indoor and outdoor installations to provide a complete and usable system. Control and thermostat for individual rooms will be placed near doors. All final installation locations and layouts will be up to the Contractor.

3. Mini-Split System 3 will include a 30,000 BTU single zone system. The unit will service the pump/filter room. System will include all indoor and outdoor installations to provide a complete and usable system. Control and thermostat shall be placed within the filter room.

Jacob F. Zimmerer, PE

END OF ADDENDUM

Attachment No. 1 to
Addendum No. 3

Section 05121

Non-Structural Metal Framing

Part 1 General

1.1 RELATED DOCUMENTS: Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY:

A. Section Includes:

1. Non-load-bearing steel framing systems for interior gypsum board assemblies.
2. Suspension systems for interior gypsum ceilings, soffits, and grid systems.

1.3 ACTION SUBMITTALS:

A. Product Data: For each type of product.

Part 2 PRODUCTS

2.1 PERFORMANCE REQUIREMENTS:

A. STC-Rated Assemblies: For STC-rated assemblies, provide materials and construction identical to those tested in assembly indicated, according to ASTM E 90 and classified according to ASTM E 413 by an independent testing agency.

2.2 FRAMING SYSTEMS:

A. Framing Members, General: Comply with ASTM C 754 for conditions indicated.

1. Steel Sheet Components: Comply with ASTM C 645 requirements for metal unless otherwise indicated.
2. Protective Coating: ASTM A 653/A 653M, G40, hot-dip galvanized unless otherwise indicated.

B. Studs and Runners: ASTM C 645.

1. Steel Studs and Runners:

(a) Minimum Base-Metal Thickness: 0.018 inch.
(b) Depth: As indicated on Drawings.

C. Hat-Shaped, Rigid Furring Channels: ASTM C 645.

1. Minimum Base-Metal Thickness: 0.018 inch.
2. Depth: 7/8 inch.

2.3 AUXILIARY MATERIALS:

A. General: Provide auxiliary materials that comply with referenced installation standards.

1. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.

Part 3 EXECUTION

3.1 EXAMINATION:

A. Examine areas and substrates, with Installer present, and including welded hollow-metal frames, cast-in anchors, and structural framing, for compliance with requirements and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION:

A. Suspended Assemblies: Coordinate installation of suspension systems with installation of overhead structure to ensure that inserts and other provisions for anchorages to building structure have been installed to receive hangers at spacing required to support the Work and that hangers will develop their full strength.

3.3 INSTALLATION, GENERAL:

A. Installation Standard: ASTM C 754.

1. Gypsum Board Assemblies: Also comply with requirements in ASTM C 840 that apply to framing installation.

B. Install supplementary framing, and blocking to support fixtures, equipment services, heavy trim, grab bars, toilet accessories, furnishings, or similar construction.

C. Install bracing at terminations in assemblies.

D. Do not bridge building control and expansion joints with non-load-bearing steel framing members. Frame both sides of joints independently.

3.4 INSTALLING FRAMED ASSEMBLIES:

A. Install framing system components according to spacings indicated, but not greater than spacings required by referenced installation standards for assembly types.

1. Single-Layer Application: 24 inches o.c. unless otherwise indicated.

B. Install tracks (runners) at floors and overhead supports. Extend framing full height to structural supports or substrates above suspended ceilings except where partitions are indicated to terminate at suspended ceilings. Continue framing around ducts penetrating partitions above ceiling.

C. Installation Tolerance: Install each framing member so fastening surfaces vary not more than 1/8 inch from the plane formed by faces of adjacent framing.

END OF SECTION