

CITY OF GREAT FALLS

GREAT FALLS WATER TREATMENT PLANT CORROSION CONTROL IMPLEMENTATION

ADDENDUM NO. 1

AUGUST 14, 2025

Bid Date: **September 3, 2025. 9:30 AM (Please note the updated bid date)**

NOTICE TO ALL PLAN HOLDERS

The Contract Documents are hereby modified as follows, and in submitting a bid each bidder shall acknowledge receipt of all addenda on Page 1 of 7 in Section 00300, Bid Form, and according to the procedure outlined in Article *ADDENDA* on Page 3 of 6 in Section 00200, Instructions to Bidders.

GENERAL

1. Notes from the pre-bid conference conducted on August 6, 2025, are included with this Addendum No. 1.
2. Note the bid opening location is the **Gibson** Conference of the Great Falls Civic Center. Submit bids to the City Clerk, Room 204 in Civic Center.
3. The 200-RTU-01 panel specified in Section 40 61 10 PROCESS INSTRUMENTATION AND CONTROL SYSTEM (PICS) shall contain a programmable logic controller (PLC). See item below.

RECEIVED BIDDER QUESTIONS

1. Q: *"During the Site Visit we noticed that there appears to be 3 floor drains that will be covered with the Chemical Storage Area slab and containment curb. Please provide details for abandoning the floor drains"*
A: Plugging of those floor drains is called out on Drawing D-1.
2. Q: *"Please verify if a plumbing permit will be required for the project, to relocate the NG, TW and CW pipelines"*
A: Yes, City of Great Falls permits will be required per Section 00850, item SP-6.
3. Q: *"In regards to the chemical injector on M-6 and specified in Section 40 05 20: 2.02.B & C - The spec and detail are in disagreement with one another. The spec calls for an HS-150-S-S-24-0-00 but the detail indicates a larger HS-200 configured as a diffuser. Did you have one that you wanted me to defer to over the other or is this something that can be clarified with an RFI?"*
A: The HS-150 is the correct model for the chemical injector.

TO THE PROJECT MANUAL

1. Section 00100 INVITATION TO BID

A. Change the bid date stated in the first paragraph from August 20, 2025 to **September 3, 2025**. The bid time of 9:30 am remains the same

B. Change the deadline to withdraw bids stated in the seventh paragraph from August 20, 2025 to **September 3, 2025**. The bid time of 9:30 am remains the same.

2. Section 40 05 10.35 DETAIL PIPING SPECIFICATION: DOUBLE CONTAINMENT PIPING AND FITTINGS

A. Make the following revisions to 2.02, B.

- B. All fittings shall be assembled by the manufacturer with the carrier pipe inside of the containment pipe, separated by centralizing spacers, and with appropriate design provisions to allow solvent cement joining of both carrier pipe and containment pipe with adjoining pipe. ~~Centralizing spacers shall be provided with enough space for pass-through of continuous leak detection cable.~~

B. Make the following revisions to 2.05.

2.05 MANUFACTURERS

- A. GF Piping Systems LLC, Double-See. ~~with PAL-AT continuous leak detection system.~~
- B. Asahi/America, Pro-Lock. ~~with Pal-At continuous leak detection system.~~
- C. Or equal.

3. Section 40 61 10 PROCESS INSTRUMENTATION AND CONTROL SYSTEM (PICS)

A. Add the following to 2.06, G, 3.

3. Panels shall be designed to permit continuous operation of all components mounted therein with panel ambient temperatures of up to 115°F. Panels shall be provided with louvers and/or forced ventilation as required to prevent temperature buildup due to electrical devices mounted in or on the panel. Louvers shall be on the sides. Forced ventilation fans, where used, shall be provided with washable or replaceable filters. Fan motors shall operate on 120-volt, 60 Hz power. **All local control panels installed outside or non air-conditioned environments shall have an integral heater with thermostat.**

B. Add the following to 2.06.

H. **Programmable Logic Controllers (PLCs):**

1. **Programmable Logic Controllers shall be Emerson PACSystems Rx3i, or Engineer approved equal.**
- a. **Emerson PACSystems Rx3i PLCs with the following components:**
- 1) **Power Supply: IC695PSA040.**
 - 2) **CPU: IC695CPE305.**

- 3) Digital Input Cards: IC694MDL250.
- 4) Digital Output Cards: IC694MDL350.
- 5) Analog Input Cards: IC695ALG112.
- 6) Analog Output Cards: IC695ALG808.
- 7) PLC Racks: IC695CHS007, IC695CHS012

- 2. The PLC components provided by the PICS Sub-contractor are specified above in Section 1.01.

TO THE DRAWINGS

- 1. Drawing E-1
 - A. Make the following revision to Keynote 3, modifying the fixture model number.
 - 3 INSTALL NEW LINEAR LED FIXTURE, DIALIGHT P/N LTM3C4M2PCS TO MATCH EXISTING FIXTURES. CIRCUIT TO NEAREST FIXTURE IN THIS AREA. SUSPEND FIXTURE BELOW CONDUIT RUNS.

ACKNOWLEDGEMENT OF ADDENDUM NO. 1

The Bidder shall acknowledge receipt of Addendum No. 1 where indicated in section 00300, Bid Form, on Page 1 of 6 and on the bid envelope.

Issued by:



Michael Kynett

Michael Kynett, P.E.

END OF ADDENDUM NO. 1

PRE-BID CONFERENCE

Great Falls Water Treatment Plant Corrosion Control Implementation City of Great Falls – O.F. 1527.9

9:00 A.M., August 6, 2025

City Engineering Conference Room
1025 25th Avenue NE
Great Falls

[Meeting agenda is supplement with notes and comments in bold to signify additions for these meeting notes.]

INTRODUCTIONS **All attendees gave their names and company they work for as an introduction. The meeting attendance sheet is attached to these meeting notes. Mike Kynett with Morrison-Maierle then covered the agenda items below, expanding on some items and addressing questions.**

I. PROJECT INTRODUCTION

A. Project Scope

Two new chemical feed systems in the existing UV building.

B. Owner: City of Great Falls

City Engineer: Jesse Patton – (406) 455-8124

City Project Manager: Travis Drevecky – (406) 455-8155

City Water Plant Branch Manager: Cody McRady – (406) 455-8587

City Water Plant Operations Superintendent: Shawn Hickman – (406) 455-8589

C. Engineer: Morrison-Maierle

Project Manager: Michael Kynett – (406) 454-5104

Project Designer: Jeff Ashley – (406) 495-3481

Project Designer: Kristen Brush – (406) 495-3470

II. BIDS

- A. Bids opened at 9:30 AM, Wednesday, August 20, 2025, in the **Gibson** Conference of Great Falls Civic Center. Submit bids to the City Clerk, Room 204 in Civic Center. (Section 00100 Invitation to Bid, Page 1 of 2) **It was noted that the invitation to bid states that the bid opening would be held in the Rainbow room and this would be changed to the Gibson room via addendum.**

- B. Bid Security unconditionally payable to the City of Great Falls in the amount of ten percent (10%) of total bid amount. (Section 00200 Instructions to Bidders, Page 1 of 5)
- C. Requirements. Refer to Instructions to Bidders (Section 00200) and Bid Form (Section 00300). Bid must include following items, completed. Refer to Bidder's Checklist.

Sealed envelope:

- Addressed to: City Clerk, City of Great Falls, P.O. Box 5021, Great Falls, MT 59403
- Project Title: Great Falls Water Treatment Plant Corrosion Control Implementation, (O.F. 1527.9)

Items to include with bid.

- Completed Bid Form
- Acknowledgement of Addenda, include addenda with bid
- Bid Security
- Certification of Nonsegregated Facilities
- Certificate of Compliance with Insurance Requirements

- D. Note that Bid Item 111, Miscellaneous Items, has been pre-priced at \$20,000. **It was noted that this item would be used for minor work change items outside of the project scope that may come up in lieu of a formal change order.**

III. CONTRACT TIME (Contract Agreement, Exhibit C)

Substantial Completion – 60 calendar days

Final Completion – 75 calendar days.

Liquidated Damages - \$1,000/day (Construction Agreement, Item 4).

Refer to Construction Agreement Exhibit C. Notice to Proceed issued after equipment can be or is delivered. **It was noted that the chemical tanks may have a long lead time and the NTP would be issued once those were available to install.**

IV. INSURANCE REQUIREMENTS (Construction Agreement Exhibit G)

V. WAGE RATES

Project is considered Heavy Construction, and the Montana Prevailing Wage Rates apply for the purposes of wages to be paid for this project. (Construction Agreement Exhibit F).

VI. TECHNICAL SPECIFICATIONS/CONTRACT DOCUMENTS

Montana Public Works Standard Specifications (MPWSS) 6th Edition is included by reference in the Project Manual for some sections. Project Manual includes Technical Specifications that are supplemented and/or superseded, and additional Technical Specification sections.

VII. PROJECT SCOPE

1. Chemical Storage Area (grade level)

- a. Two new chemical feed systems – tanks, pumps, spill containment pad
- 2. Chemical Injection Area (lower area)
 - a. Injection taps and associated piping
- 3. Electrical, Instrument and Control
 - a. Electrical conduit, conductors, panels, and connections
 - b. Instrument control conduit, conductors, PLCs, panels, and connections
 - c. Programming by Engineer's sub-consultant

VIII. CONSTRUCTION PERMIT

- A. City of Great Falls electrical and plumbing permits will be required. Payment and scheduling by the Contractor. (Section 00850 Special Provisions, SP-6)

IX. ADDENDUM #1

- A. Bid Opening - Gibson Room
- B. PLC addition
- C. Meeting minutes and attendance sheet

X. QUESTIONS/ADDITIONAL ITEMS

A question was asked about the chemical delivery panel and if addition specifications were needed to complete that installation. MMI will review and update as needed.

It was mentioned that the light called out on sheet E-1 keynote 3 was not the correct model. MMI will review and update as needed.

Engineer's estimate was stated as approximately \$750K

Jeff Ashley (MMI) noted that the double containment piping spec may have slight revisions to eliminate the electrical leak switch.

Jeff Ashley also highlighted that there is an 8 hour shutdown allowed for the natural gas, tempered water, and cold-water tie-ins. There is also an 8 hour shutdown allowed for the installation of the chemical injection installation. These two shutdowns can be combined into one 8 hour shutdown if preferred.

The pressure specification for the peristaltic pumps was questioned. MMI will review and update as needed.

Travis with the City of Great Falls went through the contract related items. It is anticipated that the contract will go before the Commission for award September 2. Pay applications will be processed monthly and there will be a 1% State Tax and 5% retainage applied to each pay application. The final pay application will also have to be approved by City Commission.

A site visit was conducted after the meeting for all interested parties.

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