

CHANGE ORDER NO.: 1

Owner: City of Tiffin
 Engineer: MSA Professional Services
 Contractor: Tricon Construction Group
 Project: Tiffin WTF Upgrade
 Contract Name: 13603021 – Tiffin WTF Upgrade
 Date Issued: June 19, 2025
 Owner's Project No.:
 Engineer's Project No.: 13603021
 Contractor's Project No.: 25-012-IA
 Effective Date of Change Order: July 1, 2025

The Contract is modified as follows upon execution of this Change Order:

Description: Cost increase to add control related items that were added to the project after the control equipment was procured.

Attachments: Change order request documents.

Change in Contract Price	Change in Contract Times
Original Contract Price: \$ 12,182,553.00	Original Contract Times: Substantial Completion: 9/30/26 Ready for final payment: 11/30/26
[Increase] [Decrease] from previously approved Change Orders No. 1 to No. [Number of previous Change Order]: \$ N/A	[Increase] [Decrease] from previously approved Change Orders No.1 to No. [Number of previous Change Order]: Substantial Completion: N/A Ready for final payment: N/A
Contract Price prior to this Change Order: \$ 12,182,553.00	Contract Times prior to this Change Order: Substantial Completion: 9/30/26 Ready for final payment: 11/30/26
Increase this Change Order: \$ 12,420.34	[Increase] [Decrease] this Change Order: \$0.00 Substantial Completion: 0 Ready for final payment: 0
Contract Price incorporating this Change Order: \$ 12,194,973.34	Contract Times with all approved Change Orders: Substantial Completion: 9/30/26 Ready for final payment: 11/30/26

Recommended by Engineer
 By: Clint Wiene
 Title: Clint Wiene, P.E.
 Date: 6/23/2025
 Authorized by Owner
 By: _____
 Title: _____
 Date: _____

Accepted by Contractor
Ron Richard
 Ron Richard, Owner
 06/19/2025
 Approved by Funding Agency (if applicable)

www.triconcg.com

746 58th Ave Ct SW
Cedar Rapids, IA 52404

Corporate Office
1230 East 12th Street
Dubuque, IA 52001
P 563.588.9516
F 563.588.9519

June 9, 2025

Clint Wienen
MSA Professional Services Inc
400 Ice Harbor Dr
Dubuque IA 52001

Project: Water Treatment Facility Upgrade
Re: COR # 1R – CB 1

Cost for electrical control changes per attached.

Automatic Systems Co	11,600.00
OHP	580.00
General Liability Insurance	60.41
Bond	179.93
Total	\$ 12,420.34

The above work will add __0__ days to the completion date.

Approved By:

Tom Shedek

6/9/2025

Project Manager – Tricon Construction

Date

Clint Wienen – MSA Professional Services Inc

Date

City of Tiffin

Date



CONSTRUCTION BULLETIN No.1

REQUEST FOR PROPOSAL

CONTRACTOR: Tricon General Construction, Inc. 746 58 th Ave Ct., SW Cedar Rapids, IA 52404	PROPOSAL REQUEST NO.: 1
	DATE OF ISSUANCE: 04-23-2025
	CONTRACT FOR:
OWNER: City of Tiffin 300 Railroad St Tiffin, IA 52340	CONTRACT DATED:
	ENGINEER'S PROJECT NO: R013603021
PROJECT: City of Tiffin Water Treatment Plant Upgrade	ENGINEER: MSA Professional Services, Inc. (Name and Address) 400 Ice Harbor Dr, Ste 110 Dubuque, IA 52001

Please submit an itemized proposal for changes in the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. Submit proposal within 10 business days or notify the Engineer in writing of the date on which you anticipate submitting your proposal.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

Description:

Changes to the System Integrator Procurement Contract Documents. Please provide proposal to provide the following changes to the System Integrator contract, installation and labor is not anticipated to impact on the general construction contract. Because these items are included in the general construction contract:

Additions:

- 20-LP-1A lighting panel modifications (breakers, increase main breaker size)
- 20-LP-1B lighting panel modifications (breakers)
- 30-LP-1 lighting panel modifications (breakers)
- Add aerator pit heater – breaker bucket with contactor in 20-MCC-1A (could use spare breaker without contactor)
- Moved PLC input from well 4 level transducer from 10-SCC-1 to 20-SCC-1 as a new input (it was determined this was not already installed by owner)
- Add Pre-Chlorine chemical flow meters - (2) PLC I/O + programming to 10-SCC-1
- Add fluoride chemical scale - (1) PLC I/O + programming to 10-SCC-1
- Add (2) fluoride chemical pumps - (8) PLC I/O + programming to 10-SCC-1
- Add fluoride chemical flow meters - (2) PLC I/O + programming to 10-SCC-1
- Add post chlorine and caustic chemical flow meters - (4) PLC I/O + programming to 20-SCC-1
- Add fluoride temperature probe - instrument, (1) PLC I/O + programming to 10-SCC-1
- Add Storage room occupancy sensor – instrument, (1) PLC I/O + programming to 10-SCC-1
- Add fluoride room door switch – instrument, (1) PLC I/O + programming to 10-SCC-1
- Add fluoride room fan/light control station – instrument, (2) PLC I/O + programming to 10-SCC-1
- Add fluoride room fan/damper control – power relays, (2) PLC I/O + programming to 10-SCC-1
- Add fluoride room light control – power relay + programming to 10-SCC-1

- Add fluoride room freeze stat -- instrument, (1) PLC I/O + programming to 10-SCC-1

Removals:

- Removed HWA manhole float switch
- Removed (1) spare backup PLC and (1) spare backup HMI, fully programmed (*not sure if this was included*)
- Removed ERMS switch from 20-SCC-1

Attachments: *(List attached documents that support description.)*

Refer to general construction contract documents and procurement documents.

REQUESTED BY: MSA Professional Services, Inc.



Name



PROJECT: Tiffin, IA WTP Upgrade-Electrical Equipment **ASC CO:** 20240138-001
Procurement

NAME: COP-001

DATE: May 6, 2025

REFERENCE: Construction Bulletin 1

QUOTATION EXPIRES: 60 Days

CHANGE ORDER PROPOSAL

Changes to the System Integrator Procurement Contract Documents.

Control Panel Modifications

A One(1) **10-SCC-1 Supervisory Control Center Modifications**, as required per Construction Bulletin 1, in accordance with Section 26 90 10, and modified as detailed below.

Proposed panel modifications shall be complete with addition of Allen Bradley CompactLogix I/O cards to allow for addition of Fluoride chemical system, additional flow metering, and interface relays, fuses, terminals, and wireway as needed.

B One (1) **20-SCC-1 Supervisory Control Center Modifications**, as required per Construction Bulletin 1, in accordance with Section 26 90 10, and modified as detailed below.

Proposed panel modifications shall be complete with addition of I/O for Well 4 level transducer, PLC programming, removal of ERMS Switch, and interface relays, fuses, terminals, and wireway as needed.

Instrumentation and Filed Devices

C Minus One (-1) **Float Switch** as required per Section 26 90 20, 2.06 and as detailed below.

1. LSH-1-4-2, Manhole #4 High Water Level Alarm - Deleted.

Motor Control Equipment Modifications

D One (1) **20-MCC-1A Modifications**, as required per Construction Bulletin 1, in accordance with Section 26 24 19 and as detailed below.

1. Cubicle 3B to be repurposed for 20-EUH-1, 5KW Chlorine Room Heater
2. Cubicle 3C to be repurposed for 20-EUH-2, 5KW Caustic Room Heater.
3. Cubicle 3D to be repurposed for 20-EUH-3, 5KW Anti-Scale Room Heater.
4. Cubicle 3E to be repurposed for 20-EUH-4, 3KW Flow Room Heater.
5. Cubicle 3F to be repurposed for 20-EUH-5, 3KW Aerator Pit Heater.

Electrical Distribution Equipment Modifications

E Four (4) **Panelboard Modifications** as required per Construction Bulletin 1, as specified in Section 26 24 16 and as detailed below.

1. **30-PP-1**, Modifications to include supplying the following breakers
 1. Replace (3) 125 Amp, 3-pole breakers with (3) 175 Amp, 3-pole breakers.
2. **20-LP-1A**, Modifications to include replacing original 100 Amp MCB with new 200 Amp MCB and supplying the following breakers.
 1. (1) 100 Amp, 3-pole
 2. (1) 25 Amp, 2-pole
 3. (1) 20 Amp, 2-pole
 4. (35) 20 Amp, 1-pole
3. **20-LP-1B**, Modifications to include supplying the following breakers.
 1. (42) 20 Amp, 1-pole
4. **30-LP-1**, Modifications include supplying the following breakers.
 1. Replace (1) 25 Amp, 2-pole breaker with (1) 20 Amp, 2-pole breaker.

General Conditions

F One (1) **Professional Services** to include engineering, PLC programming, HMI/SCADA development, and on-site services to include startup, testing, and operator training.

Your net price for the above items, FOB factory with freight allowed to jobsite including one (1) year warranty from date of startup (not to exceed 18 months from date of shipment)..... \$ 11,600.00 excluding taxes

The above pricing does not include any of the following:

1. Sales or use taxes.
2. Bond costs.
3. License fees or permits of any kind.
4. Light pole for antenna mounting.
5. Sump panel or associated control panel or floats.
6. Disconnect switches of any kind.
7. Panelboards.
8. Transformers.
9. Fiber Optic Cable, connectors, or associated installation and testing.
10. Interconnecting wire, cables, or conduits between control panels/MCCs and primary devices.
11. Generator sets of any kind.
12. Automatic Transfer Switches of any kind.
13. Generator control panels or receptacles.
14. Temporary electric services or equipment.
15. Final termination of customer terminal connections.
16. Setting or mounting of any control panels/MCCs or primary devices.
17. Wall or floor stands or mounting supports for primary devices.
18. Concrete housekeeping pads.



- 19. Valve actuators or solenoid valves of any kind.
- 20. Pressure or differential pressure gauges of any kind.
- 21. Pad mounted transformers.
- 22. Grounding of equipment.
- 23. Exterior Lighting control equipment or Time Clocks.
- 24. Mounting hardware or brackets.
- 25. Removal or disposal of existing equipment or reconnection of existing equipment.
- 26. Unloading equipment from delivery trucks or on-site storage thereof.
- 27. Power Company metering socket or equipment or associated utility fees.
- 28. Building light fixtures, light poles, switches, receptacles, junction or pull boxes or galvanized hubs of any kind.
- 29. Installation of any kind.
- 30. Labor or any other miscellaneous materials that may be required for installation not specifically detailed above.

Respectfully submitted,
AUTOMATIC SYSTEMS CO.



Jake McFarland
jmcfarland@automaticsystemsco.com

To expedite handling and confirmation, you may sign below and forward as your order for the equipment quoted above.

Total Net Price

Purchase Order No.

Customer/Firm Name

Items Ordered

Authorized By