

**Racine Water and
Wastewater Utilities**

Keith E. Haas, P.E.
General Manager



Michael L. Gitter, P.E.
Chief of Operations
Kenneth M. Scolaro, C.P.A.
Administrative Manager

Chad W. Regalia, P.E.
Chief Engineer

December 11, 2020

Board of Waterworks Commissioners:

Mayor Cory Mason
Alder John Tate II
Terry McCarthy
Kathleen DeMatthew
Stacy Sheppard
Alder Natalia Taft
James Spangenberg
Kathleen Fischer

SUBJECT: Change Order No. 4 – Contract W-18-8 – Spring St. Transmission Water Main –
Phase 1

Dear Commissioners:

Submitted for your review and approval is Change Order No. 4 on Contract W-18-8 Spring St. Transmission Water Main, Globe Contractors, Inc. (contractor), a credit in the amount of (\$259,504.02). This change order encompasses quantity changes on numerous bid items.

The original contract amount is \$5,927,927.00. Previous Change Orders increased the total contract amount to \$5,981,830.25. Change Order No. 4 would decrease the total contract amount to \$5,722,326.23. This change order reflects a decrease of 3.47% from original contract amount.

Sincerely,

A handwritten signature in black ink, appearing to be "KEH", written over a horizontal line.

Keith E. Haas
General Manager

KH/eg

December 9, 2020

Mr. Keith E. Haas, P.E.
General Manager
City Hall Annex
Racine Water & Wastewater Utilities
800 Center Street, Room 227
Racine, WI 53403

Re: Spring Street Transmission Water Main Phase 1 Closeout Change Order
Project W-18-8, Segment 2.11

Dear Mr. Haas:

Enclosed, please find closeout Change Order No. 4 for the above mentioned project. The intention of the closeout Change Order is to adjust the Contract Price for Work completed and to set Contract dates.

Prior to submitting the final Application for Payment, we have asked the Contractor to complete or furnish the documents referenced in paragraph 15.06 of the General Conditions and Section 01 78 39 of the Contract Documents. Once these documents have been submitted and reviewed, we will submit the final Application for Payment.


In addition to the documents referenced in paragraph 15.06 of the General Conditions and Section 01 78 39 of the Contract Documents we have asked the Contractor to submit weekly certified payrolls utilizing WisDOT's Civil Rights Compliance System (CRCS) in accordance with the Wisconsin Inclusion Plan requirements as well as submit labor/payroll data to the City of Racine Purchasing Agent for evaluation of compliance with the Racine Works Program included in the Contract Documents.

We have notified the Contractor that prior to the Racine Water Utility issuing the final payment that the weekly certified payrolls will need to be submitted to the WisDOT's CRCS and that labor/payroll data be evaluated for compliance with the Racine Works Program.

If you have any questions on the above, please feel free to contact me at 262-953-3054 or bfischer@ruekert-mielke.com.

Respectfully,

RUEKERT & MIELKE, INC.



Brennen E. Fischer, P.E., CFM
Project Engineer
bfischer@ruekertmielke.com

BEF:sjs
Enclosure

cc: Evelin Garcia, Racine Water & Wastewater Utilities
Mike Gitter, P.E., Racine Water & Wastewater Utilities
Chad Regalia, P.E., Racine Water & Wastewater Utilities
Kenneth R. Ward, P.E., Ruekert & Mielke, Inc.

| | | |
|--|--|--|
| Date of Issuance: December 8, 2020 | Effective Date: Upon approval of Owner | |
| | Owner: Racine Water & Wastewater Utility | |
| Contract: Spring Street Water Main Phase 1 | Owner's Contract No.: W-18-8 | |
| Contractor: Globe Contractors, Inc. | Engineer: Ruekert & Mielke, Inc. | |
| Address: P.O. Box 450 | Engineer's Project No.: 8022-10029.311 | |
| Pewaukee, WI 53072 | Effective Date of Contract: February 1, 2019 | |

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

Description:

1. Closeout Change Order.
2. Increase Ready for Final Payment to December 8, 2020.

Reason for Change Order:

1. Closeout Change Order.

Attachments:

Analysis of Closeout Change Order

| CHANGE IN CONTRACT PRICE | CHANGE IN CONTRACT TIMES |
|---|---|
| Original Contract Price <u>\$ 5,927,927.00</u> | Original Contract Times: Substantial Completion: <u>July 1, 2019</u> Ready for Final Payment: <u>July 31, 2019</u> days or dates |
| Increase or Decrease from previously approved Change Orders No. <u>1</u> to No. <u>3</u> : <u>\$ 53,903.25</u> | Increase or Decrease from previously approved Change Orders No. <u>1</u> to No. <u>3</u> : Substantial Completion: <u>3 months</u> Ready for Final Payment: <u>3 months</u> days |
| Contract Price prior to this Change Order: <u>\$ 5,981,830.25</u> | Contract Times prior to this Change Order: Substantial Completion: <u>October 1, 2019</u> Ready for Final Payment: <u>October 31, 2019</u> days or dates |
| Decrease of this Change Order: <u>\$ (259,504.02)</u> | Increase of this Change Order: Substantial Completion: <u>N/A</u> Ready for Final Payment: <u>December 8, 2020</u> days or dates |
| Contract Price incorporating this Change Order: <u>\$ 5,722,326.23</u> | Contract Times with all approved Change Orders: Substantial Completion: <u>October 1, 2019</u> Ready for Final Payment: <u>December 8, 2020</u> days or dates |

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: Brennen E. Fischer
Engineer (Authorized Signature)
Brennen E. Fischer, P.E.

By: _____
Owner (Authorized Signature)

By: Brad Hucker
Contractor (Authorized Signature)

Date: December 8, 2020

Date: _____

Date: December 9, 2020



W233 N2080 Ridgeway Parkway
Waukesha, WI 53188-1020

ANALYSIS OF CLOSEOUT CHANGE ORDER

OWNER: Racine Water Utilities
PROJECT: Spring Street Transmission Water Main Phase 1 Newman Road Tank to Summerset Drive
DATE PREPARED: 12/8/2020

| ITEM NO. | ITEM DESCRIPTION | UNIT | ESTIMATED QUANTITY | UNIT \$ | ORIGINAL CONTRACT AMOUNT | ACTUAL QUANTITY INSTALLED | FINAL CONTRACT AMOUNT | FINAL DIFFERENCE |
|----------|--|------|--------------------|--------------|--------------------------|---------------------------|-----------------------|------------------|
| 1 | Mobilization | L.S. | 1.00 | \$90,000.00 | \$ 90,000.00 | 1.00 | \$ 90,000.00 | \$ - |
| 2 | Traffic Control | L.S. | 1.00 | \$50,000.00 | \$ 50,000.00 | 1.00 | \$ 50,000.00 | \$ - |
| 3 | Silt Fence | L.F. | 100.00 | \$5.00 | \$ 500.00 | 58.00 | \$ 290.00 | \$ (210.00) |
| 4 | Ditch Check | L.F. | 20.00 | \$20.00 | \$ 400.00 | 20.00 | \$ 400.00 | \$ - |
| 5 | Topsoil, Seed, Fertilizer, Mulch and Type B Soil Stabilizer or Erosion Mat | S.Y. | 6,830.00 | \$7.00 | \$ 47,810.00 | 5,835.50 | \$ 40,848.50 | \$ (6,961.50) |
| 6 | 42-inch Water Main w/ Slurry Backfill | L.F. | 1,013.00 | \$900.00 | \$ 911,700.00 | 1,018.00 | \$ 916,200.00 | \$ 4,500.00 |
| 7 | 36-inch Water Main w/ Slurry Backfill | L.F. | 6,000.00 | \$575.00 | \$ 3,450,000.00 | 5,941.50 | \$ 3,416,362.50 | \$ (33,637.50) |
| 8 | 24-inch Water Main w/ Slurry Backfill | L.F. | 175.00 | \$650.00 | \$ 113,750.00 | 159.00 | \$ 103,350.00 | \$ (10,400.00) |
| 9 | 16-inch Water Main w/ Slurry Backfill | L.F. | 85.00 | \$550.00 | \$ 46,750.00 | 101.00 | \$ 55,550.00 | \$ 8,800.00 |
| 10 | 6-inch Water Main / Hydrant Lead with Slurry Backfill | L.F. | 335.00 | \$300.00 | \$ 100,500.00 | 295.00 | \$ 88,500.00 | \$ (12,000.00) |
| 11 | 24-inch x 16-inch Tapping Sleeve w/ 16-inch Valve | EA. | 1.00 | \$42,000.00 | \$ 42,000.00 | 1.00 | \$ 42,000.00 | \$ - |
| 12 | 42-inch Butterfly Valve | EA. | 1.00 | \$24,000.00 | \$ 24,000.00 | 1.00 | \$ 24,000.00 | \$ - |
| 13 | 36-inch Butterfly Valve | EA. | 5.00 | \$17,000.00 | \$ 85,000.00 | 5.00 | \$ 85,000.00 | \$ - |
| 14 | 24-inch Butterfly Valve | EA. | 1.00 | \$9,000.00 | \$ 9,000.00 | 1.00 | \$ 9,000.00 | \$ - |
| 15 | 16-inch Butterfly Valve | EA. | 1.00 | \$4,752.00 | \$ 4,752.00 | 1.00 | \$ 4,752.00 | \$ - |
| 16 | 6-inch Hydrant Gate Valve | EA. | 6.00 | \$2,500.00 | \$ 15,000.00 | 6.00 | \$ 15,000.00 | \$ - |
| 17 | Hydrant Assembly with Anchor Tee | EA. | 6.00 | \$15,000.00 | \$ 90,000.00 | 6.00 | \$ 90,000.00 | \$ - |
| 18 | Detector Wire and Locator Box for Water Main | EA. | 7.00 | \$750.00 | \$ 5,250.00 | 8.00 | \$ 6,000.00 | \$ 750.00 |
| 19 | 32 lb. Magnesium Anode | EA. | 75.00 | \$250.00 | \$ 18,750.00 | 2.00 | \$ 500.00 | \$ (18,250.00) |
| 20 | 15 lb. Magnesium Anode | EA. | 155.00 | \$190.00 | \$ 29,450.00 | 163.00 | \$ 30,970.00 | \$ 1,520.00 |
| 21 | 5 lb. Magnesium Anode | EA. | 12.00 | \$140.00 | \$ 1,680.00 | 3.00 | \$ 420.00 | \$ (1,260.00) |
| 22 | Remove and Replace Catch Basin | EA. | 5.00 | \$4,000.00 | \$ 20,000.00 | 5.00 | \$ 20,000.00 | \$ - |
| 23 | Full Depth Sawcutting | L.F. | 8,600.00 | \$2.00 | \$ 17,200.00 | 10,647.00 | \$ 21,294.00 | \$ 4,094.00 |
| 24 | 9-inch Reinforced Concrete Pavement Replacement | S.Y. | 5,645.00 | \$53.00 | \$ 299,185.00 | 5,007.00 | \$ 265,371.00 | \$ (33,814.00) |
| 25 | 3-1/2 inch Asphaltic Concrete Binder Course | TON | 300.00 | \$86.00 | \$ 25,800.00 | 637.22 | \$ 54,800.92 | \$ 29,000.92 |
| 26 | 2-inch Asphaltic Concrete Surface Course | TON | 200.00 | \$90.00 | \$ 18,000.00 | 0.00 | \$ - | \$ (18,000.00) |
| 27 | 30-inch Concrete Curb and Gutter Replacement | L.F. | 1,870.00 | \$27.00 | \$ 50,490.00 | 1,000.75 | \$ 27,020.25 | \$ (23,469.75) |
| 28 | Concrete Median Replacement | S.Y. | 360.00 | \$57.00 | \$ 20,520.00 | 114.00 | \$ 6,498.00 | \$ (14,022.00) |
| 29 | Concrete Corrugated Median | S.F. | 360.00 | \$13.00 | \$ 4,680.00 | 215.00 | \$ 2,795.00 | \$ (1,885.00) |
| 30 | Concrete Median Sloped Nose | EA. | 1.00 | \$500.00 | \$ 500.00 | 7.00 | \$ 3,500.00 | \$ 3,000.00 |
| 31 | Traffic Signal Loop Detector Replacement (if necessary) | EA. | 2.00 | \$3,000.00 | \$ 6,000.00 | 3.00 | \$ 9,000.00 | \$ 3,000.00 |
| 32 | Pavement Marking, 18-inch Solid White | L.F. | 60.00 | \$5.00 | \$ 300.00 | 60.00 | \$ 300.00 | \$ - |
| 33 | Pavement Marking, 2-inch Yellow Hatch | L.F. | 700.00 | \$1.00 | \$ 700.00 | 793.00 | \$ 793.00 | \$ 93.00 |
| 34 | Pavement Marking, 8-inch Solid White | L.F. | 960.00 | \$1.00 | \$ 960.00 | 949.00 | \$ 949.00 | \$ (11.00) |
| 35 | Pavement Marking, 4-inch Solid White or Yellow | L.F. | 3,600.00 | \$1.00 | \$ 3,600.00 | 8,472.00 | \$ 8,472.00 | \$ 4,872.00 |
| 36 | Pavement Marking, Words or Symbols | EA. | 10.00 | \$150.00 | \$ 1,500.00 | 8.00 | \$ 1,200.00 | \$ (300.00) |
| 37 | Inlet Sediment Guard, Type D | EA. | 52.00 | \$100.00 | \$ 5,200.00 | 46.00 | \$ 4,600.00 | \$ (600.00) |
| 38 | Water Main Offset Crash Allowance | L.S. | 1.00 | \$100,000.00 | \$ 100,000.00 | 0.71 | \$ 70,757.31 | \$ (29,242.69) |
| 39 | Temporary Trench Patch | S.Y. | 6,000.00 | \$25.00 | \$ 150,000.00 | 478.30 | \$ 11,957.50 | \$ (138,042.50) |
| 40 | Water Service Offset | EA. | 12.00 | \$3,000.00 | \$ 36,000.00 | 0.00 | \$ - | \$ (36,000.00) |
| 41 | Remove and Replace Pull Box | EA. | 2.00 | \$2,500.00 | \$ 5,000.00 | 2.00 | \$ 5,000.00 | \$ - |
| 42 | Precast Concrete Barrier, (if ordered by engineer) | L.F. | 250.00 | \$50.00 | \$ 12,500.00 | 60.00 | \$ 3,000.00 | \$ (9,500.00) |
| 43 | Locate & Protect Sanitary Lateral | EA. | 18.00 | \$750.00 | \$ 13,500.00 | 3.00 | \$ 2,250.00 | \$ (11,250.00) |



W233 N2080 Ridgeway Parkway
Waukesha, WI 53188-1020

ANALYSIS OF CLOSEOUT CHANGE ORDER

OWNER: Racine Water Utilities
PROJECT: Spring Street Transmission Water Main Phase 1 Newman Road Tank to Summerset Drive
DATE PREPARED: 12/8/2020

| ITEM NO. | ITEM DESCRIPTION | UNIT | ESTIMATED QUANTITY | UNIT \$ | ORIGINAL CONTRACT AMOUNT | ACTUAL QUANTITY INSTALLED | FINAL CONTRACT AMOUNT | FINAL DIFFERENCE |
|-------------------------|--|------|--------------------|--------------|--------------------------|---------------------------|------------------------|------------------------|
| ADDITIONAL ITEMS | | | | | | | | |
| | SUBTOTAL OF ORIGINAL CONTRACT ITEMS | | | | \$ 5,927,927.00 | | \$ 5,588,700.98 | \$ (339,226.02) |
| CO-1 | Added Detour Routes | L.S. | 1 | \$ 10,650.00 | \$ 10,650.00 | 1.00 | \$ 10,650.00 | \$ - |
| CO-2-1 | Expose Existing Utilities | EA. | 39 | \$ 1,029.75 | \$ 40,160.25 | 39.00 | \$ 40,160.25 | \$ - |
| CO-2-2 | 36-inch Concrete Curb and Gutter Replacement | L.F. | 1000 | \$ 36.00 | \$ 36,000.00 | 964.50 | \$ 34,722.00 | \$ (1,278.00) |
| CO-2-3 | Open Cut Traffic Signal Loop Detector | EA. | 1 | \$ 8,000.00 | \$ 8,000.00 | 1.00 | \$ 8,000.00 | \$ - |
| CO-2-4 | Deduct 1,000 L.F. from Bid Item 27, 30-inch concrete curb and gutter | L.F. | -1000 | \$ 27.00 | \$ (27,000.00) | | \$ - | \$ 27,000.00 |
| CO-3-1 | 2-inch PVC Electrical Conduit | L.F. | 300 | \$ 11.00 | \$ 3,300.00 | 300.00 | \$ 3,300.00 | \$ - |
| CO-3-2 | Additional Detour Route Mobilization | EA. | 1 | \$ 2,000.00 | \$ 2,000.00 | 1.00 | \$ 2,000.00 | \$ - |
| CO-3-3 | Replace Traffic Signal Loop Detectors into Sub-base | EA. | 5 | \$ 4,538.60 | \$ 22,693.00 | 5.00 | \$ 22,693.00 | \$ - |
| CO-3-4 | Adjust Hydrant H-4 Bury Depth | EA. | 1 | \$ 1,750.00 | \$ 1,750.00 | 1.00 | \$ 1,750.00 | \$ - |
| CO-3-5 | 24"x16" Tapping Sleeve | EA. | 1 | \$ 10,350.00 | \$ 10,350.00 | 1.00 | \$ 10,350.00 | \$ - |
| CO-3-6 | Eliminate Bid Item 26, 2-inch Asphaltic Concrete Surface Course | TON | -200 | \$ 90.00 | \$ (18,000.00) | | \$ - | \$ 18,000.00 |
| CO-3-7 | Eliminate Bid Item 40, Water Service Offset | EA. | -12 | \$ 3,000.00 | \$ (36,000.00) | | \$ - | \$ 36,000.00 |
| | SUBTOTAL OF ADDITIONAL ITEMS | | | | \$ 53,903.25 | | \$ 133,625.25 | \$ 79,722.00 |
| GRAND TOTALS: | | | | | \$ 5,981,830.25 | | \$ 5,722,326.23 | \$ (259,504.02) |

ORIGINAL CONTRACT AMOUNT \$ 5,927,927.00
 EXECUTED CHANGE ORDER(S) \$ 53,903.25
 CONTRACT PRICE PRIOR TO THIS CLOSEOUT CHANGE ORDER \$5,981,830.25

AMOUNT EARNED ON ORIGINAL CONTRACT ITEMS \$5,588,700.98
 AMOUNT EARNED ON OTHER ITEMS \$133,625.25
 TOTAL AMOUNT EARNED \$5,722,326.23

TOTAL AMOUNT EARNED \$5,722,326.23
 LESS CONTRACT PRICE PRIOR TO THIS CLOSEOUT CHANGE ORDER (\$5,981,830.25)
 CLOSEOUT CHANGE ORDER AMOUNT (\$259,504.02)