

CHANGE ORDER NO. 2

April 15, 2022

K & B Equipment
P.O. Box 294
Crane, MO 65633

Re: Sewer Replacement 2021
Aurora, MO

Mr. Moore:

The following changes are hereby incorporated into your contract with the City of Aurora, MO, for the above-referenced project.

1. Background: This project was originally bid on August 25, 2021. Since the time of Bid, material prices have increased. Considering this and that the proposed items in this Change Order are outside the original scope of work, the Contractor has requested an increase in unit price for the installation of 8" PVC gravity sewer pipe. Included in this Change Order is a quote from the Contractor's pipe material supplier showing the price change.

Cost Breakdown: The requested change reflects an increase of \$2.03/LF for the installation of 8" PVC sewer line. This brings the total unit price from \$85.00/LF to \$87.03/LF.

2. Background: Changes in field conditions required revisions to the quantity of improvements installed. These changes included:
 - a. Drawing 3 – The existing sewer line did not terminate where initially thought. This required MH 1943-A to be installed 68' further east of where it is shown on the plans which also required the replacement of an additional 68' of 8" diameter pipe and related work. 40' of additional excavation without the installation of pipe and an additional service connection was also required.
 - b. Drawing 5 – An additional 42' of 8" diameter pipe was replaced east of the location of the installation of the new MH 1954-A. This was because the line did not terminate where available information had indicated. Excavation at this location caused the existing pipe to be damaged which then required the replacement of the indicated length of pipe in order to reach the location of the new manhole.
 - c. Drawing 6 – MH 1553-A was not installed as the flow was determined to actually be directed towards the east. An additional 14' of 8" diameter line along with the addition of one connection to an existing manhole was added to allow water to convey to the east. MH 1618-A was installed 88' further to the east than was shown on the plans as the line did not terminate at the planned location. This did not require the installation of any additional pipe as the manhole was still installed on the existing line. However, the clay pipe was damaged when digging at the originally planned location requiring 14' of 8" line to be replaced. MH 1500-A was installed approximately 10' east of MH 1500 as this was the location where the two main lines connected at a tee and not at the location shown on the plans. While a manhole was not installed at the original location, excavation and pavement repair did occur.

- d. Change Order No. 2 – It was discovered in the field that the actual location of the tee where the new MH was to be installed was too close to a water line to allow for the manhole installation. Instead, the new manhole will be installed further to the west and approximately 270' of 8" pipe installed from this location to the west to MH 1859 and on to MH 1858. This will allow flow to convey to the west. The main will also be capped at the location of the existing tee, where the new manhole was originally planned to be installed. These revisions reflect the installation of an estimated 40' of additional 8" line above the 230' that was planned for in CO#1 along with related work. An exhibit of the proposed work has been included with this Change Order.

Cost Breakdown: The contract will be revised as follows:

CO2 - Item 2.a

| <u>Item No.</u> | <u>Item Description</u> | <u>No. of Units</u> <u>Add/Subtract</u> | <u>Units</u> | <u>Unit</u> <u>Price</u> | <u>Extended Addition/</u> <u>Deletion Price</u> |
|-----------------|---|--|--------------|-----------------------------|--|
| BB-1 | Install 8" Dia. SDR 35 Gravity Sewer Line | 68 | LF | \$87.03 | \$5,918.04 |
| BB-2 | Testing of 8" Dia, Gravity Sewer Line | 68 | LF | \$2.50 | \$170.00 |
| BB-6 | 4" Dia. Service Lateral | 1 | EA | \$500.00 | \$500.00 |
| BB-7 | Crushed Stone Pavement Replacement & Repair | 68 | LF | \$7.05 | \$479.40 |
| CO2-1 | Trench Excavation Only | 40 | LF | \$20.00 | \$800.00 |

CO2 - Item 2.b

| <u>Item No.</u> | <u>Item Description</u> | <u>No. of Units</u> <u>Add/Subtract</u> | <u>Units</u> | <u>Unit</u> <u>Price</u> | <u>Extended Addition/</u> <u>Deletion Price</u> |
|-----------------|---|--|--------------|-----------------------------|--|
| BB-1 | Install 8" Dia. SDR 35 Gravity Sewer Line | 42 | LF | \$87.03 | \$3,655.26 |
| BB-2 | Testing of 8" Dia, Gravity Sewer Line | 42 | LF | \$2.50 | \$105.00 |
| BB-7 | Crushed Stone Pavement Replacement & Repair | 42 | LF | \$7.05 | \$296.10 |

CO2 - Item 2.c

| <u>Item No.</u> | <u>Item Description</u> | <u>No. of Units</u> <u>Add/Subtract</u> | <u>Units</u> | <u>Unit</u> <u>Price</u> | <u>Extended Addition/</u> <u>Deletion Price</u> |
|-----------------|---|--|--------------|-----------------------------|--|
| BB-1 | Install 8" Dia. SDR 35 Gravity Sewer Line | 28 | LF | \$87.03 | \$2,436.84 |
| BB-2 | Testing of 8" Dia, Gravity Sewer Line | 28 | LF | \$2.50 | \$70.00 |
| BB-3 | Type I, 48" Dia. Manhole | -1 | LS | \$5,000.00 | -\$5,000.00 |
| BB-7 | Crushed Stone Pavement Replacement & Repair | 14 | LF | \$7.05 | \$98.70 |
| BB-8 | Pavement Replacement & Repair | 30 | LF | \$45.45 | \$1,363.50 |
| BB-9 | Connection to Existing Manhole | 1 | EA | \$2,250.00 | \$2,250.00 |
| AA1-1 | Surface Restoration | 14 | LF | \$16.00 | \$224.00 |
| CO2-2 | Excavation Looking for Main Line Tee Location | 1 | LS | \$2,250.00 | \$2,250.00 |

CO2 - Item 2.d

April 15, 2022
 Change Order Number 2
 Sewer Replacement 2021
 Page 3 of 3

| <u>Item No.</u> | <u>Item Description</u> | <u>No. of Units</u> <u>Add/Subtract</u> | <u>Units</u> | <u>Unit</u> <u>Price</u> | <u>Extended Addition/</u> <u>Deletion Price</u> |
|--|---|--|--------------|-----------------------------|--|
| BB-1 | Install 8" Dia. SDR 35 Gravity Sewer Line | 40 | LF | \$87.03 | \$3,481.20 |
| BB-2 | Testing of 8" Dia, Gravity Sewer Line | 40 | LF | \$2.50 | \$100.00 |
| BB-8 | Pavement Replacement & Repair | 85 | LF | \$45.45 | \$3,863.25 |
| BB-9 | Connection to Existing Manhole | 3 | EA | \$2,250.00 | \$6,750.00 |
| CO2-3 | Capping Main Line | 1 | EA | \$2,250.00 | \$2,250.00 |
| Original Contract Amount | | | | | \$298,532.95 |
| Change Order No. 1 | | | | | \$39,154.50 |
| Total All Items, This Change Order No. 2 | | | | | \$32,061.29 |
| REVISED CONTRACT AMOUNT | | | | | \$369,748.74 |

This change order constitutes full and mutual accord and satisfaction for all time and all costs related to these changes. By acceptance of this change order, the Contractor agrees that the change order represents an equitable adjustment to the contract, and further agrees to waive all rights to file a claim arising out of a result of these changes.

APPROVED BY THE OWNER
 (AURORA, MO)

By: _____
 Date: _____

APPROVED BY THE ENGINEER
 (ALLGEIER, MARTIN & ASSOCIATES, INC.)

By: M. Jell
 Date: 4/15/22

APPROVED BY THE CONTRACTOR
 (K & B EQUIPMENT, LLC)

By: Doug Moore
 Date: 4/15/22



1151 SOUTH SCENIC
SPRINGFIELD, MO 65802

PHONE (417) 865-9000
FAX (417) 865-9667

| |
|------------------------------------|
| <i>Job Name</i> |
| aurora sewer old and current price |

| | | |
|------------------------|-------------|-------------|
| <i>Quote No.</i> | <i>Date</i> | <i>Page</i> |
| 0012115 | 4/14/22 | 1 |
| <i>Expiration Date</i> | | 4/29/22 |
| <i>Revised Date</i> | | 4/14/22 |
| <i>Bid Due Date</i> | | 4/14/22 |

| |
|---|
| <i>Quoted To Customer</i> |
| K & B EQUIPMENT LLC 815 MCCORD BRANCH RD CRANE, MO 65633-8459 |
| Phone (417) 880-0546 Fax |

| |
|---|
| <i>Quoted By</i> |
| TIM SIKES spfldwinwater2@yahoo.com (417) 865-9000 |

Original Material Cost

| | | | | |
|-----------------|----------------------|---------------------|--------------------|------------|
| <i>Customer</i> | <i>Payment Terms</i> | <i>Quoted To</i> | <i>Salesperson</i> | <i>FOB</i> |
| 001166 | NET 30 | K & B EQUIPMENT LLC | TIMOTHY SIKES | S |

| <i>Line</i> | <i>Qty.</i> | <i>Description</i> | <i>Unit Price</i> | <i>UOM</i> | <i>Extended Price</i> |
|-----------------------------------|-------------|---|-------------------|------------|-----------------------|
| 1.0 | 154 | 8X14 PVC SDR35 GASKET PIPE | 8.7200 | FT | 1342.88 |
| 2.0 | 1 | 8X4 SDR35 GJ STRAIGHT TEE | 56.5900 | EA | 56.59 |
| 3.0 | 1 | 4 PVCXSDR35 HXS ADPT DWV X SDR 35 SPIGOT ADAPTER | 14.7800 | EA | 14.78 |
| 4.0 | 1 | 4 PVC DWV HXH 45 ELL SCH 40 DWV | 7.1700 | EA | 7.17 |
| 5.0 | 20 | PVC 9400B 4X20 PVC40 BE PIPE SCH40 BELL END | 4.2800 | FT | 85.60 |
| 6.0 | 1 | 4 SLIP PVC40 CAP | 4.6300 | EA | 4.63 |
| 7.0 | 1 | 31133 32OZ PVC CLR A/W CMNT | 11.9500 | EA | 11.95 |
| 8.0 | 1 | 30806 32OZ PURPLE PRMR/CLNR | 10.5000 | EA | 10.50 |
| SUBTOTAL--8/23/21 PRICING | | | | | 1534.10 |
| ----- | | | | | |
| CURRENT PRICING | | | | | |
| 11.0 | 154 | 8X14 PVC SDR35 GASKET PIPE | 10.7500 | FT | 1655.50 |
| 12.0 | 1 | 8X4 SDR35 GJ STRAIGHT TEE | 71.9700 | EA | 71.97 |
| 13.0 | 1 | 4 PVCXSDR35 HXS ADPT DWV X SDR 35 SPIGOT ADAPTER | 17.8800 | EA | 17.88 |
| 14.0 | 1 | 4 PVC DWV HXH 45 ELL SCH 40 DWV | 8.6700 | EA | 8.67 |
| 15.0 | 20 | PVC 9400B 4X20 PVC40 BE PIPE SCH40 BELL END | 5.8600 | FT | 117.20 |
| 16.0 | 1 | 4 SLIP PVC40 CAP | 5.7400 | EA | 5.74 |
| 17.0 | 1 | 31133 32OZ PVC CLR A/W CMNT | 14.0700 | EA | 14.07 |
| 18.0 | 1 | 30806 32OZ PURPLE PRMR/CLNR | 11.8700 | EA | 11.87 |
| SUBTOTAL-----CURRENT PRICE | | | | | 1902.90 |

Current Material Cost

| | | |
|--------------------|------------------------|----------|
| <i>Tax Area Id</i> | <i>Net Sales</i> | 3,437.00 |
| 260771210 | <i>Freight</i> | .00 |
| | <i>Tax</i> | 278.40 |
| | <i>Quotation Total</i> | 3,715.40 |

Change Order #2 - Item 2.d

