

City Engineer's Estimate

For WU-16-14 2016 Televising Miscellaneous Sewers II

February 8, 2017

2&Fin  
NO.

Northern Pipe Equipment, Inc.

CONTRACTOR

September 7, 2016

DATE OF CONTRACT

17-0164

November 15, 2016

COMPLETION DATE

\$15,612.59

AMOUNT OF CONTRACT

SEWER CLEANING AND TELEVISIONING VARIOUS LOCATIONS

STREET

FROM - TO

CONSENT

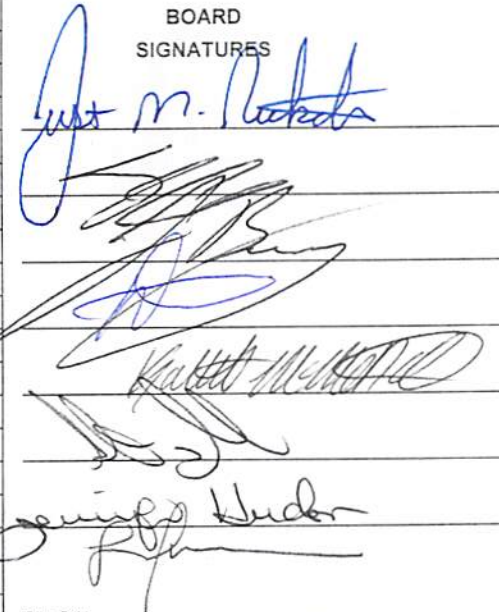
CO#1 \$2,500.00

CO#2 \$1,501.46


| DESCRIPTION                          | NO. 1                   | NO. 2                                | NO. 3                | NO. 4                             | NO. 5                       | NO. 6                       | TOTAL       |
|--------------------------------------|-------------------------|--------------------------------------|----------------------|-----------------------------------|-----------------------------|-----------------------------|-------------|
|                                      | PREVIOUSLY<br>COMPLETED | COST WORK<br>PREVIOUSLY<br>COMPLETED | COMPLETED<br>TO DATE | COST WORK<br>COMPLETED TO<br>DATE | DIFFERENCE<br>COLUMNS 1 & 3 | DIFFERENCE<br>COLUMNS 2 & 4 |             |
| SEE COMPUTER PRINTOUT<br>FOR DETAILS |                         |                                      |                      |                                   |                             |                             |             |
| TOTALS                               |                         | \$15,609.05                          |                      | \$19,614.05                       |                             | \$4,005.00                  | \$19,614.05 |
| PAYMENTS 100%                        |                         | \$15,218.74                          |                      | \$19,614.05                       |                             | \$4,395.31                  | \$19,614.05 |
| AMOUNT DUE, FINAL PAYMENT            |                         |                                      |                      |                                   |                             | \$4,395.31                  | \$4,395.31  |

TOTAL \$19,614.05  
 Date filed with Secretary FEB - 8 2017  
 2-8-17  
 Date approved by Board

AMOUNT RECOMMENDED  
 \$ 4,395.31

BOARD  
 SIGNATURES  


Date Paid  
 Check No.  
 Voucher No.  
 Chg. 6300-71100-523210 4395.31  
 1100-32320-523210  
 Council Board Voucher

 PE 2-7-17  
 CITY ENGINEER

CLEANING & TELEVISIONING MISCELLANEOUS SEWERS II  
 \*\*\*\*\*  
 CITY OF MANITOWOC CONTRACT NO. WU-16-14

PAY ESTIMATE NO.: 2-FINAL

DATE: February 8, 2017

Contractor: Northern Pipe Equipment, Inc.

CONTRACT AMOUNT: \$15,612.59  
 Change Order #1: \$2,500.00  
 Change Order #2-Final: \$1,501.46  
 Total: \$19,614.05

CONTRACT DATE: September 7, 2016

COMPLETION DATE: November 15, 2016

| ITEM NO.                                    | ITEM DESCRIPTION                      | UNIT | BID QUANTITIES | UNIT PRICE | QUANTITY           | COST WORK          | QUANTITY          | COST WORK          | % OF WORK         | QUANTITY   | COST WORK         |
|---|---------------------------------------|------|----------------|------------|--------------------|--------------------|-------------------|--------------------|-------------------|------------|-------------------|
|   |                                       |      |                |            | PREVIOUS COMPLETED | PREVIOUS COMPLETED | COMPLETED TO DATE | COMPLETED TO DATE  | COMPLETED TO DATE | DIFFERENCE | DIFFERENCE        |
| <b>CLEANING &amp; TELEVISIONING SEWERS:</b> |                                       |      |                |            |                    |                    |                   |                    |                   |            |                   |
| <b>SANITARY SEWERS:</b>                     |                                       |      |                |            |                    |                    |                   |                    |                   |            |                   |
| 1.  | Cleaning 24" Sewer Pipe               | LF   | 1,093          | \$0.38     | 1,048.0            | \$398.24           | 1,048.0 *         | \$398.24           | 96%               | 0          | \$0.00            |
| 2.  | Cleaning 21" Sewer Pipe               | LF   | 997            | \$0.38     | 1,027.0            | \$390.26           | 1,027.0 *         | \$390.26           | 103%              | 0          | \$0.00            |
| 3.  | Cleaning 15" Sewer Pipe               | LF   | 799            | \$0.36     | 765.0              | \$275.40           | 765.0 *           | \$275.40           | 96%               | 0          | \$0.00            |
| 4.  | Cleaning 12" Sewer Pipe               | LF   | 1,880          | \$0.35     | 1,886.0            | \$660.10           | 1,886.0 *         | \$660.10           | 100%              | 0          | \$0.00            |
| 5.  | Cleaning 10" Sewer Pipe               | LF   | 722            | \$0.35     | 1,073.0            | \$375.55           | 1,073.0 *         | \$375.55           | 149%              | 0          | \$0.00            |
| 6.  | Cleaning 8" Sewer Pipe                | LF   | 15,426         | \$0.35     | 15,689.0           | \$5,491.15         | 15,689.0 *        | \$5,491.15         | 102%              | 0          | \$0.00            |
| 7.  | Heavy Cleaning                        | LF   | 2,000          | \$0.20     | 0.0                | \$0.00             | 0.0 *             | \$0.00             | 0%                | 0          | \$0.00            |
| 8.  | Root Cutting                          | LF   | 2,000          | \$0.25     | 5,346.0            | \$1,336.50         | 5,346.0 *         | \$1,336.50         | 267%              | 0          | \$0.00            |
| 9.  | Televising 24" Sewer Pipe             | LF   | 1,093          | \$0.35     | 1,048.0            | \$366.80           | 1,048.0 *         | \$366.80           | 96%               | 0          | \$0.00            |
| 10.   | Televising 21" Sewer Pipe             | LF   | 997            | \$0.35     | 1,024.0            | \$358.40           | 1,024.0 *         | \$358.40           | 103%              | 0          | \$0.00            |
| 11.   | Televising 15" Sewer Pipe             | LF   | 799            | \$0.35     | 765.0              | \$267.75           | 765.0 *           | \$267.75           | 96%               | 0          | \$0.00            |
| 12.   | Televising 12" Sewer Pipe             | LF   | 1,880          | \$0.35     | 1,886.0            | \$660.10           | 1,886.0 *         | \$660.10           | 100%              | 0          | \$0.00            |
| 13.   | Televising 10" Sewer Pipe             | LF   | 722            | \$0.35     | 1,057.0            | \$369.95           | 1,057.0 *         | \$369.95           | 146%              | 0          | \$0.00            |
| 14.   | Televising 8" Sewer Pipe              | LF   | 15,426         | \$0.35     | 13,311.0           | \$4,658.85         | 17,611.0 *        | \$6,163.85         | 114%              | 4,300      | \$1,505.00        |
| CO #1                                       | Rem Mineral deposit at Municipal Fiel | LS   | 1.0            | \$2,500.00 | 0.0                | \$0.00             | 1.0 *             | \$2,500.00         | 100%              | 1          | \$2,500.00        |
| <b>SUB-TOTAL (SANITARY SEWER)</b>           |                                       |      |                |            |                    | <b>\$15,609.05</b> |                   | <b>\$19,614.05</b> |                   |            | <b>\$4,005.00</b> |
| <b>TOTAL FOR CONTRACT</b>                   |                                       |      |                |            |                    | <b>\$15,609.05</b> |                   | <b>\$19,614.05</b> |                   |            | <b>\$4,005.00</b> |
| <b>PAYMENTS</b>                             |                                       |      |                |            | 97.5%              | \$15,218.74        | 100.00%           | \$19,614.05        |                   | 100.00%    | \$4,395.31        |

NOTE: ASTERISK (\*) DENOTES FINAL QUANTITY OR MEASUREMENT.

Prepared By: J.E. & G.M.

O.K. to Pay  
 J.E.M. 2/2/17

FINAL PAYMENT LIEN WAIVER

KNOW ALL MEN BY THESE PRESENTS that

WHEREAS, the undersigned Northern Pipe Equipment Inc.

as General Contractor, entered into a Contract with the City of Manitowoc for the complete construction of 2016 Televsiong MISC. Sewers II, and

WHEREAS, the undersigned has completed 100% of construction under the terms of the construction agreement,

NOW THEREFORE in consideration of final payment by the City of Manitowoc to the undersigned Northern Pipe Equipment Inc. the undersigned hereby waives and releases any and all liens, claims or rights to file any lien or liens to the extent of the payment above referred to against the City of Manitowoc, and

The undersigned further states that all wages, materials, social security taxes, withholding taxes, sales and use taxes, permits, sub-contractors and materialmen have been fully paid and discharged for all work performed; workmen's compensation and other insurance premiums and all taxes have been fully paid and discharged.

The undersigned further agrees to save harmless the City of Manitowoc from any matter or thing arising from the filing of claims or liens by any workman, sub-contractor or materialmen in connection with the work performed.

IN WITNESS WHEREOF, the General Contractor by its' authorized representative has caused this waiver to be signed.

This 15<sup>th</sup> day of November, 2016.

[Signature]  
Contractor  
[Signature]

Witness: Tara Hanson