

## **ISSUE STATEMENT**

North Hudson Public Works Committee  
September 21, 2016  
North Hudson Finance / Village Board of Trustees  
October 4, 2016

Submitted by Mark Ekblad, Public Works Director

### **Issue**

Eastbank Lift Station Repairs.

### **Background/Current Information**

- The Eastbank Lift Station was constructed in 1984.
- On August 26, 2016 I had Tri- State Pump and Control pull and unplug both the pumps at the lift station.
- When Tri-State had the pumps out of the wet well, we noticed that the Carrier Assembly for both pumps showed extensive wear and the backup lift chains which attached to the Carrier assemblies were not attached.
- The cause of the wear to the Carrier assemblies and rusting of the chains is due to corrosion from being in the waste water.
- Both pumps have been rebuilt at least twice since I started here in 1996. But I believe the Carrier assemblies and chains are still original.
- I had Tri-State Pump prepare an estimate (see attached) for replacing the Carrier assemblies, installing Stainless steel chains and shackles. And replacing the 4 inch Lugs and Sealing Flanges. I also had them figure replacing the Overload for Pump #2 which is very week.

### **Suggested Motions:**

#### **Public Works:**

Recommend Tri-State Pump and Control perform the lift station repairs listed above at a cost not exceed \$3,885.22 with the cost coming out of the 201 Sanitary Sewer Maintenance Fund.

#### **Board:**

Move to approve Tri-State Pump and Control perform the lift station repairs listed above at a cost not to exceed \$3,885.22 with the cost coming out of the 201 Sanitary Sewer Fund.



# Tri-State Pump & Control

20092 21st Avenue East

PO Box 7

Clearwater, MN 55320

800-537-2040 Fax: 320-558-2002

tristate@tristatepump.com

www.tristatepump.com

## Estimate

This Estimate is  
Good for 30 Days  
from the date of  
Issue

| Date      | Estimate |
|-----------|----------|
| 8/25/2016 | 131835   |

| Name / Address  |
|---|
| VILLAGE OF NORTH HUDSON<br>400 7TH STREET NORTH<br>HUDSON, WI 54016 |
| Phone: 715-386-5141<br>Fax:   |

| Ship To   |
|---|
| VILLAGE OF NORTH HUDSON<br>400 7TH STREET NORTH<br>HUDSON, WI 54016 |

| Terms  | Rep  | Project |
|--------|------|---------|
| NET 30 | DOUG |         |

| Item                    | Description  | Qty | U/M | Unit Price | Total      |
|-------------------------|--|-----|-----|------------|------------|
|                         | Parts & Field Labor To Make Repairs At The East Bank Station |     |     |            |            |
| HYD08423-000-5          | CARRIER ASSEMBLY,<br>S4N/S4NRC/S4RNX/S4NVX                   | 2   | EA  | 1,268.52   | 2,537.04   |
| CHAIN3/16SST            | CHAIN, 3/16", 304 STAINLESS STEEL                            | 30  | FT  | 0.00       | 0.00       |
| SHACKLE1/4SST           | SHACKLE, 1/4", STAINLESS STEEL                               | 4   | EA  | 0.00       | 0.00       |
| HYD04065-001-2          | LUG, SEALING FLANGE, 4"                                      | 4   | EA  | 0.00       | 0.00       |
| SQDLRD21                | OVERLOAD, 12 - 18 AMP  | 1   | EA  | 98.18      | 98.18      |
| LF1                     | LABOR IN FIELD, 1 MAN, ESTIMATED, WILL<br>BILL FOR ACTUAL    | 8   | HR  | 150.00     | 1,200.00   |
| SHIP                    | SHIPPING CHARGE, INCOMING ESTIMATED                          |     |     | 50.00      | 50.00      |
| <b>Subtotal</b>         |  |     |     |            | \$3,885.22 |
| <b>Sales Tax (5.0%)</b> |  |     |     |            | \$0.00     |
| <b>Total</b>            |  |     |     |            | \$3,885.22 |

Signature \_\_\_\_\_