

TO: Mayor and City Council

FROM: Dan Howard, Public Works Director

SUBJECT: Wastewater Treatment Plant Raw Wastewater Pit Pump

MEETING DATE: Tuesday, February 15, 2022

BACKGROUND

The City of Cannon Falls Wastewater Treatment Plant relies on 4 raw wastewater pit pumps to pump the raw wastewater from the underground structure into building 10 for preliminary treatment. 3 of 4 pumps have been in place since the construction of the WWTP in 2001, and have been repaired as needed. With the introduction of flushable wipes, the impeller technology of pumps has changed to force the wipe through the pump to be retrieved in the bar screen of the preliminary treatment. One pump was replaced in late December 2021, but the remaining three pumps do not have the new technology and are prone to clogging and shutdown if a flushable wipe is tangled in the pump. Since the installation of one new pump in the north chamber of the raw wastewater structure in late December 2021, we no longer have to pull a pump from the north chamber and remove flushable wipes from the impeller on a daily basis. Public Works would like to replace a second pump to be installed in the south chamber of the structure. Electric Pump proposes a new Flygt Pump capable of handling the flushable wipe. The cost of replacement is \$20,325.

REQUESTED COUNCIL ACTION

I respectfully request a motion and approval to accept the estimate as written and purchase a Flygt raw wastewater pit pump from Electric Pump at a cost of \$20,325.

QUOTATION



201 4th Ave SW
New Prague, MN 56071 USA

Telephone: (952)758-6600 / FAX (952)758-7778
Toll Free 1-800-536-5394

www.electricpump.com

QUOTE NUMBER: 0184450
QUOTE DATE: 1/28/2022
EXPIRE DATE: 2/28/2022

SALESPERSON: STEVEN FORSYTHE
CUSTOMER NO: 0011100
QUOTED BY: MKH
RAW WW PUMP NP3153

QUOTED TO:
CITY OF CANNON FALLS
918 RIVER RD
CANNON FALLS, MN 55009

JOB LOCATION:
CITY OF CANNON FALLS
825 CANNON RIVER AVE
CANNON FALLS, MN 55009

CONFIRM TO:
WES ANWAY 507-291-0717

*** QUOTE ORDER - DO NOT PAY ***

| CUSTOMER P.O. | SHIP VIA BEST WAY | F.O.B. | TERMS NET 30 DAYS | | | |
|---|----------------------|---------|----------------------|------------|-----------|-----------|
| ITEM NUMBER | UNIT | ORDERED | SHIPPED | BACK ORDER | PRICE | AMOUNT |
| 0031530950009 | EACH | 1.00 | 0.00 | 0.00 | 20,325.00 | 20,325.00 |
| RE: RAW WW PIT PUMP #2 --REPLACE EXISTING 3140.090-6096 CP436 15HP --DESIGN CONDITION 760 GPM @ 41' TDH WES-THE PUMP QUOTED IS SAME MODEL AS PUMP PURCHASED 12/2021 FLYGT MODEL 3153 6" NP436 HARD IRON N IMPELLER AND INSERT RING, 15/460/3 50' SSCJ FM+FLS FV DVB FREIGHT ADDITIONAL. DELIVERY IS 6-8 WEEKS ARO THANK YOU MYRA HOFFMAN myrah@electricpump.com CC: STEVEN FORSYTHE 612-840-9499 | | | | | | |

All return goods must have written approval from Electric Pump, Inc. before returning. Credit will not be issued without written approval and if applicable there will be a Restock Fee.

| | |
|---------------------|------------------|
| Net Order: | 20,325.00 |
| Less Discount: | 0.00 |
| Freight: | 0.00 |
| Sales Tax: | 0.00 |
| Order Total: | 20,325.00 |

ABOVE PRICING EFFECTIVE FOR 30 DAYS