

TO: Mayor and City Council

FROM: Dan Howard, Public Works Director

SUBJECT: Wastewater Treatment Plant Raw Wastewater Pit Pump

MEETING DATE: Tuesday, March 7, 2023

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. 2 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, the second in Spring of 2022, but the remaining two 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, and the second in the south chamber, we no longer have to pull those pumps and remove flushable wipes from the impeller on a daily basis. Public Works would like to replace a third pump to be installed in the north chamber of the structure. Electric Pump proposes a new Flygt Pump capable of handling the flushable wipe. The cost of replacement is \$22,453. (This is an increase of approximately \$2,000 in one year.)

REQUESTED COUNCIL ACTION

I respectfully request motion and approval to accept the quotation of \$22,453 from Electric Pump for the cost of (1) raw wastewater pit pump as recommended by the Public Works Commission and move forward with this project.

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: 0186657
QUOTE DATE: 2/14/2023
EXPIRE DATE: 3/14/2023

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

RE: RAW WW PIT PUMP #3 & 4
--REPLACE 3140.090-6096 CP436 15HP
--PUMP #1 & #2 REPLACED IN 2021 & 2022

0031530950705	EACH	2.00	0.00	0.00	22,453.00	44,906.00
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ELECTRIC PUMP OFFERS:
NP436-6 15/460/3 50' FM FLS+FV
FLYGT MODEL 3153 6" NP436 HARD IRON N IMPELLER AND
INSERT RING, 15/460/3 50' FM FLS FV

FREIGHT IS ADDITIONAL. STANDARD DELIVERY IS 5-6 WEEKS
ARO

PLEASE CONTACT US WITH ANY QUESTIONS OR TO PLACE AN
ORDER.

THANK YOU MYRA HOFFMAN
mhoffman@electricpump.com
CC: STEVEN FORSYTHE 612-840-9499

*** 3% CONVENIENCE FEE FOR CREDIT CARD CHARGE OVER \$5,000.00 ***

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

Please note that we are no longer offering a thirty(30) day validity date.
Due to the current volatility in the materials market, pricing and ship
dates are subject to confirmation at time of order.

Net Order:	44,906.00
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Order Total:	44,906.00