

AGENDA REPORT

To: Mayor Pat Humphrey and the Clare City Commission
From: Jeremy Howard, City Manager
Date: November 3, 2022
Regarding: Lift Station #10 Pump Repair

For the Agenda of November 7, 2022

Background Recently the pump at Lift Station #10 experienced an issue that caused it to fail completely. Unfortunately, with these types of issues you never know when the pump will fail and then need to be sent in for repair. As you can read in the memo and included repair quote (*att'd*) from Water/Waste Water Superintendent Dale Clark, the pump failed and needs to be sent in for repair as it is no longer functioning or repairable by Waste Water staff. Kennedy Industries is the only vendor in Michigan of the Flygt pumps that the City currently uses and they have provided us with a quote of \$11,500 for the repair. This cost is significantly less than what a new pump would cost (likely double or triple that cost). We have a relationship with Kennedy Industries as that is where we have bought several pumps from over the last few years. Luckily, we were able to replace the pump that failed with our spare pump. Once this pump is repaired it will then become the new spare.

I concur with Dale's recommendation to utilize Kennedy Industries for the repair and would now ask the commission to approve the expenditure of funds for the repair to the pump at lift station #10 as well as authorizing the City Treasurer/Finance Director to make any and all necessary budget amendments related to the expense.

Question Specified Should the City Commission approve the expenditure of funds to repair the existing pump?

Alternatives

1. Approve the expenditure of funds to repair the pump.
2. Do not approve the expenditure of funds to repair the pump.
3. Direct that a new pump be purchased (significantly more expensive).
4. Set aside decision regarding this matter to a later date.

Financial Impact The cost to repair the pump is \$11,500. This was not planned in the current year budget and will require a budget amendment utilizing funds in the Sewer fund.

Recommendation I recommend that the City Commission approve the expenditure of funds for the repair to the pump at lift station #10 as well as authorizing the City Treasurer/Finance Director to make any and all necessary budget amendments related to the expense by adoption of Resolution 2022-095.

Attachments

1. Memo and quote from Dale Clark-Water/Waste Water Superintendent.
2. Resolution 2022-095.

INTEROFFICE MEMORANDUM

TO: JEREMY HOWARD
FROM: DALE CLARK
SUBJECT: LIFT STATION 10 PUMP REPAIR
DATE 10/24/2022
CC:

Jeremy,

As I mentioned in the past one of the pumps in lift station number ten needed to be sent in for repair. It was sent to Kennedy Industries the only vender of Flygt pumps in Michigan, who quoted the repair cost at \$11,500.00. The pump is eight years old and has been working with no issues up to this point. Because of the size and logistics of the pump it is not practical to get three quotes. This was an unforeseen repair and a budget amendment will need to be made. The quotation is attached. Thanks.

GL# 590-536.001-970.000
Budget Amendment FY23



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B CLA295
I CITY OF CLARE
L 202 W. FIFTH STREET
T dclark@cityofclare.org
O CLARE, MI 48617

Accepted By: _____
Date: _____
PO#: _____
Ship To: _____

ATTENTION:
DALE CLARK 989-386-2321 dclark@cityofclare.org

WE ARE PLEASED TO PROPOSE THE FOLLOWING FOR YOUR CONSIDERATION:

CUSTOMER REF/PO#	JOB TITLE	SLP	SHIPPING TYPE
	STATION #10, FLYGT, PUMP, 3153.095-1470145, SEWAGE	JSB/SPD	CUSTOMER PICKUP
QTY	DESCRIPTION		

THE FOLLOWING QUOTE IS FOR THE COST OF LABOR AND MATERIALS TO REPAIR THE ABOVE REFERENCED PUMP.

NEW PARTS REQUIRED:

- (1) UPPER MECHANICAL SEAL
- (1) LOWER MECHANICAL SEAL
- (1) UPPER BEARING
- (1) LOWER BEARING
- (1) O-RING KIT
- (1) SEAL RING
- (1) SLEEVE UNIT

LABOR REQUIRED:

- PICK UP AND TRANSPORT TO KENNEDY INDUSTRIES' WIXOM REPAIR FACILITY.
- PERFORM ALL ELECTRICAL TESTS AND TEST RUN.
- DISASSEMBLE, SANDBLAST, CLEAN AND INSPECT COMPLETE PUMP.
- CLEAN, BAKE AND TEST STATOR ASSEMBLY.
- DIMENSIONALLY MEASURE ALL OPERATING CLEARANCES AND RECORD ON INSPECTION REPORT.
- PREP MACHINE SHAFT FOR HARD CHROME PLATING AT MECHANICAL SEAL JOURNAL.
- CHROME PLATE JOURNAL THEN GRIND TO O.E.M. SPECIFICATIONS.
- METAL SPRAY AND MACHINE ADAPTER HOUSING TO RESTORE SURFACE CONDITIONS.
- WELD AND MACHINE MECHANICAL SEAL SHOULDER TO RESTORE FIT.
- ASSEMBLE ALL ROTATING PARTS ON SHAFT AND PLACE IN BALANCE MACHINE.
- VERIFY TOTAL INDICATOR RUN OUTS THEN DYNAMICALLY BALANCE ROTOR TO ISO G2.5.
- ASSEMBLE PUMP COMPLETE WITH NEW PARTS LISTED.
- PRESSURE TEST SEAL CHAMBER TO ENSURE LEAK FREE.
- INSTALL NEW OIL OR COOLANT IN SEAL CHAMBER.



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QTY	DESCRIPTION
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PERFORM ALL ELECTRICAL TESTS AND TEST RUN.

PRESERVE AND CRATE FOR CUSTOMER PICK-UP.

TOTAL REPAIR COST: \$11,500.00

DELIVERY: 6 WEEKS (AFTER RECEIPT OF ORDER)

PLEASE PROVIDE WRITTEN OR VERBAL AUTHORIZATION SO THAT WE MAY RESPOND TO YOUR REQUIREMENTS.

IF YOU HAVE ANY QUESTIONS, COMMENTS, OR ARE IN NEED OF ANY ADDITIONAL INFORMATION PLEASE FEEL FREE TO CONTACT ME AT (248) 684-1200.

SINCERELY,

SAM DAVIS
SDAVIS@KENNEDYIND.COM
MECHANICAL ENGINEER

<p>This quote is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Kennedy reserves the right to change the Terms & Conditions and Customer Warranty for future orders. By accepting this quote and/or issuing a purchase order relative to this quote, buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.</p> <p>QUOTE VALID FOR 30 DAYS. CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE NO TAXES OF ANY KIND ARE INCLUDED IN THIS PROPOSAL. PAYMENT TERMS: NET 30</p>	<p>TOTAL: \$11,500.00</p>
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P.O. Box 930079 Wixom, MI 48393 - 4925 Holtz Drive Wixom, MI 48393 - Phone: 248-684-1200 - Fax: 248-684-6011

www.Kennedyind.com

RESOLUTION 2022-095

A RESOLUTION OF THE CLARE CITY COMMISSION APPROVING THE EXPENDITURE OF FUNDS FOR REPAIR OF A SPARE LIFT STATION PUMP .

WHEREAS, the pump for the City’s Lift Station #10 has failed and is in need of repair; and

WHEREAS, the City has installed a spare pump so that the Lift Station can continue to function; and

WHEREAS, the City determined that the costs of repairing the pump is significantly cheaper than purchasing a new pump; and

WHEREAS, the City determined Kennedy Industries is the only vendor in Michigan of the Flygt pumps that the City currently uses; and

WHEREAS, the City Staff has recommended that the City Commission approve the expenditure of funds Kennedy Industries to repair the pump; and

WHEREAS, Clare City Commission has reviewed duly considered said recommendation.

NOW THEREFORE BE IT RESOLVED THAT the City Commission of the City of Clare hereby approves the expenditure of \$11,500 to repair the pump form Lift Station #10 to replace the spare pump.

BE IT FURTHER RESOLVED THAT, the Treasurer/Finance Director is authorized to apply any and all necessary budget amendments needed for the cost of the repair.

ALL RESOLUTIONS AND PARTS OF RESOLUTIONS INsofar AS THEY CONFLICT WITH THE PROVISIONS OF THIS RESOLUTION BE AND THE SAME ARE HEREBY RESCINDED.

The Resolution was introduced by Commissioner _____ and supported by Commissioner _____. The Resolution declared adopted by the following roll call vote:

YEAS:

NAYS:

ABSENT:

Resolution approved for adoption on this 7th day of November, 2022.

Diane Lyon, City Clerk