

**WEST DES MOINES WATER WORKS
BOARD OF TRUSTEES MEETING COMMUNICATION**

DATE: January 7, 2019

ITEM:

6. Recommendation from Staff

c. Motion

– Approving Quotation and Authorizing Repair to
High Service Pump #4 at Water Treatment Plant

FINANCIAL IMPACT:

A cost of \$27,778.50 will be taken from Water Treatment Plant – Operation and Maintenance – Maintenance to Vehicles and Equipment (17600-021).

SUMMARY:

During a routine check of the high service pumps a vibration was discovered in pump #4. Iowa Pump Works removed the pump for inspection and repairs. Their inspection revealed a roll of duct tape and a piece of tarp wrapped around the impeller. These items were left in the two-million gallon ground storage outlet pipe after recent painting. Iowa Pump Works is able to procure replacement parts for this pump and believes it is the most cost effective decision. An identical replacement pump is no longer available. Installing a new pump would be very time and labor intensive due to needed modification to the motor, pump base, electrical and piping.

BACKGROUND:

Staff is in discussions with the painting contractor on an appropriate cost share for the repairs since this pump is over 25 years old. This is one of our mainstay pumping units and is used extensively throughout the year and during peak season. Approving this repair now will ensure that it is available this summer.

RECOMMENDED ACTION BY THE BOARD OF TRUSTEES:

A motion approving quotation and authorizing repair to high service pump #4 by Iowa Pump Works at a cost of \$27,778.50.

Prepared by: _____

Approved for Content by: _____

Iowa Pump Works, Inc.
825 SW ORDNANCE RD
Ankeny, IA 50023



Sales Order

Bill To:

West Des Moines Water Works
1505 Railroad Ave
West Des Moines, IA 50265

Ship To:

West Des Moines Water Works
1505 Railroad Ave
West Des Moines, IA 50265

Created Date

12/06/2018

Sale Order Number

SO-05321

Customer PO Number

Sales Rep

Vince Payne

Service call to pull water intake pump - Peerless 8AE17 8X7X17 Note- plugged w/ roll of duct tape and blue tarp. Unit will need new rotating assembly Labor listed is for removal only, installation and alignment billed separately

Product Code	Product	Comment	Quantity	Rate	Total
	MACHINE WORK	Disassemble, sand blast, Belzona application(repair major voids), install new parts, assemble, test and paint.	1.00	\$8375.00	\$8375.00
	MISC PARTS	Belzona 1111 Super Metal & Belzona 1341 Supermetal Glide	1.00	\$6235.00	\$6235.00
	MISC PARTS	Repair parts needed: Impeller, shaft, shaft sleeves, mech seals, O-rings, gaskets, grease seals, deflectors, casing bolts /nuts	1.00	\$12021.00	\$12021.00
	MISC SHOP SUPPLIES		1.00	\$25.00	\$25.00
	ON-SITE SERVICE LABOR - STD	Jared Ferguson	4.00	\$110.00	\$440.00
	ON-SITE SERVICE LABOR - STD	Mike Bishop 12/4/18	4.00	\$110.00	\$440.00
	SERVICE DRIVE TIME - STD	Jared Ferguson	1.00	\$110.00	\$110.00
	SERVICE DRIVE TIME - STD	Mike Bishop 12/4/18	1.00	\$110.00	\$110.00
	SERVICE TRUCK MILEAGE - STD	12/4/18	18.00	\$01.25	\$22.50

Total**\$27,778.50**

Thank you for your business.

Toll Free: 855-228-6383 Email: info@iowapumpworks.com Website: <http://www.iowapumpworks.com>