

OFFICE OF
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Public Works Director
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MEMORANDUM

Date: June 15, 2023
To: Deadwood City Commission & Honorable Mayor
From: Lornie Stalder Public Works Director
Re: Denver Pump Station Upgrade

The City Water Department is requesting permission to approve a quote from Dakota Pump in Rapid City, South Dakota to upgrade the booster pumps at the Denver Pump Station in the amount of \$59,902.

The City of Deadwood approved a contract with Towey Design Group to provide a Water Module Study for future growth and current conditions of our water system. Urgent upgrade #1 in the study listed the Denver Pump Station upgrade at a cost of \$807,000. The upgrade was to include a new booster station. Urgent upgrade #2 of the Water Modeling Study requires a dedicated water line from Lee Street to the City Shop in the amount of \$2,897,000. Following the completion of urgent task #2 the usage and demand of the Denver Street Pump Station drops from 62% to 20 %. Public Works asked Towey Design Group to consider upsizing the pumps to a larger GPM and to stay in the current pump station to reduce costs versus future usage of the Denver Pump Station. Dakota Pump confirmed that the upgrade could be done by moving from horizontal pumps to vertical pumps and staying in the current pump station. The upgrade will allow the City of Deadwood to go from 100 additional water taps to 150 water taps.

RECOMMENDATION:

Move to accept the quote of \$59,902 from Dakota Pump in Rapid City South Dakota for the Denver Street Pump Station.