



## Engineering Memorandum

April 9, 2025

RE: April 15<sup>th</sup> Commission Meeting

### **2025 WATERMAIN REPLACEMENT – BID AWARD TO BEK CONSULTING, LLC**

For your consideration is a bid award for the project number 202503 – 2025 Watermain Replacement project. The bid opening took place at City Hall on Friday March 28, 2025 where three bids were received. The engineer's opinion of probable cost was \$4,779,478.00, and the total bid was **\$3,472,800.00** – a difference of approximately -27 percent. The key differences in the engineer's opinion of probable cost to the bid were noted to be: general conditions, mobilization, traffic control, and 8-inch PVC (C900) watermain.

The bid award is ***contingent*** upon a final review from the North Dakota Department of Environmental Quality due to the State Revolving Fund loan for the project.

Key attributes to the project include:

- Mill and overlay of the streets
- Replacing approximately 3,600 lineal feet of cast iron pipe with PVC pipe
- Replacing approximately 28 lead service line from the water main to the meter in the buildings
- The special improvement district includes concrete removal and replacement for sidewalk, and driveway approaches.
- Department of Water Resources grant has been submitted for the project; gross eligible cost estimate is \$3.2 million; the 60% grant is estimated to be \$1.9 million. The project was heard at the State Water Commission meeting on April 10.

The construction is planned to be completed during the 2025 construction season. The project was budget in the 2025 capital improvement project plan with the following funding sources; Gross Production Tax, State Revolving Fund Loan for the watermain replacement, State Revolving Fund Loan for the lead service line replacement, and Department of Water Resources grant for the watermain replacement.

The city engineering staff recommends approval.

