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Date: March 3, 2020
To: Mayor and Council
Author: Shaun Martinho, Manager of Public Works
RE: Sumac Drive Watermain-Award of Tender
Report No.: MS 2019- 44

AIM

To seek Council approval to proceed with the reconstruction of a 200mm cast iron watermain on Sumac Drive from Thorncrest Avenue to Spruce Street North.

BACKGROUND

On January 12, 2018 Municipal Services received a call from Union Water reporting significant water loss in the tower on Pulford Drive. During an investigation, a watermain break was discovered on the embankment of Mill Creek at the south end of Sumac Drive. Due to the severity of the break, and safety concerns with working on the embankment, this repair could not be completed. To continue to provide uninterrupted service to residents a temporary dead-end was established at the top of the embankment (Appendix A).

DISCUSSION

There are several concerns with the creation of a dead-end watermain in this area including:

- Staff must continually flush this watermain to maintain appropriate secondary disinfection concentrations.
- The proximity of the dead-end to Mill Creek prevents the installation of an auto-flushing device and provides no location to outlet chlorinated water.
- This watermain is in close proximity to the water tower. Its primary function is to maintain adequate water pressure in the service area located north of Mill Creek.

As such, Peralta Engineering was retained to design a replacement waterline. This project will be completed using trenchless technologies and have minimal impact to residents in the area.

LINK TO STRATEGIC PLAN

Effectively manage corporate resources and maximize performance in day-to-day operations.

FINANCIAL CONSIDERATIONS

As part of the 2020 capital schedule \$160,000.00 was budgeted for this project. A tender was advertised to the public on February 14, 2020 and closed on February 28, 2020. The top four bids are as follows:

Contractor	Bid (excluding HST)
Neven Construction Inc.	\$ 121,150.00
D'Amore Construction Ltd.	\$ 128,700.00
Sherway Contracting Ltd.	\$ 133,975.00
Pro-Bid Contractors Ltd.	\$ 135,166.86

CONSULTATIONS

Peralta Engineering
Municipal Services Department

RECOMMENDATION

That Council award the Sumac Watermain Reconstruction project to Neven Construction Inc. in the amount of \$121,150.00 excluding HST and authorize the Mayor and Clerk to execute the agreement and draft the appropriate authorizing by-law.

Respectfully submitted,

Shaun Martinho
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