

Staff Report to Council

Title: Award Highland Drive Re-Lining Water Main

Report Number: Environmental Services-2024-12

Director: Infrastructure & Development

Manager: Environmental Services

Meeting Date:
Wednesday, April 10, 2024

Date to be considered by Council:
Wednesday, April 10, 2024

Recommendation:

That Council award the contract for re-lining the watermain on Highland Drive in Kincardine to Fer-Pal Construction Ltd. for the bid price of \$488,880.00 excluding HST.

Executive Summary:

The Highland Drive watermain was a project identified through the capital budget as a problematic watermain for staff. A recent history of watermain breaks, issues surrounding chlorine demand in the distribution system, and significant interior corrosion lead this to be a priority project for the department. Staff are recommending the project be awarded to Fer-Pal Construction Ltd. for the relining of the watermain.

Strategic Priorities:

D.16-Ensure the Municipality provides value for money and long-term sustainability

Financial Considerations:

The 2024 Capital budget includes a total project cost of \$600,000. Fer-Pal Construction Ltd. was the sole bid at \$488,880. There will be some additional costs outside of the tendered works for restoration of the areas disturbed, however we anticipate this project will come under budget once concluded.

Policy:

N/A

Context and Background Information:

The Municipality completed a tender process for the relining of the Highland Drive watermain. A total of five separate contractors took out plans for the project. However, the tender only resulted in one bid. Fer-Pal Construction Ltd. was the sole bid at \$488,880. Additional costs associated with the project will include asphalt work in the intersections where final connections will be completed. Driveway and landscaping considerations will also need to be reviewed at the conclusion of the project.

Fer-Pal is a reputable contractor within the industry and has completed many lining projects. Based on staff's review we are confident in their ability to complete the tendered works.

Consultation Overview:

The Municipality worked closely with our engineers, consultants, and reached out to surrounding Municipalities who have completed this type of work. All these groups identified their projects as huge success and recommended the process.

Origin:

Staff recommendation based on failing infrastructure and visual inspection.

Implementation Considerations:

Staff are currently flushing the Highland and McLeod area of the distribution system on a weekly basis. This is to help maintain the chlorine residual in the distribution system which is likely diminishing as result of the corrosion and build-up within the pipe area. The hope is that a new linear after installation will dramatically improve distribution quality and could reduce or eliminate the flushing frequency.

Risk Analysis:

Improvements to the Highland Drive watermain allow staff and residents to have assurance that the delivery of drinking water through our distribution system is safe. The goal of the project will be measurable in the ability to monitor our chlorine residuals, see improvements in water quality, and reduce leaks and breaks which can pose contamination concerns.

Attachments: None

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