



The Corporation of the City of Cornwall
Regular Meeting of Council
Report

Department: Financial Services
Division: Purchasing
Report Number: 2021-17-Financial Services
Prepared By: Melissa Sterling, Buyer
Meeting Date: March 22, 2021
Subject: Tender 21-T03 Watermain CIPP Relining on Various Streets

Purpose

To obtain costing for the relining of cast iron pipe with cured-in-place pipe (CIPP) including all surface restoration on various City streets.

Recommendation

That Tender 21-T03 be awarded to Foraction Incorporated from Mont-Saint-Hilaire, Quebec, for Parts A-E and H, at the total bid price of \$920,510.50 without HST (net cost to the Corporation - \$936,711.48) being the best bid meeting the tender specifications. Provisional items Part F and G will not be awarded at this time.

Financial Implications

The Corporation has budgeted \$1,000,000 in the 2021 Water Works budget for this project.

Strategic Priority Implications

This report addresses Council's accountability and transparency to the ratepayers of the City of Cornwall.

Background / Discussion

The objectives of the watermain rehabilitation program are to improve water quality and system reliability. Numerous cast iron watermain throughout the City require rehabilitation in order to maximize water quality in the distribution system. Tuberculation build-up on the inside of the watermain leads to challenges in maintaining minimum chlorine residual levels; it also reduces available fire flow as the inside diameter of the pipe is reduced and has a rough texture which increases energy loss. In addition, some portions of the system are prone to leakage and breaks which, if reduced, will decrease operational costs. This tender continues to address the backlog of watermain repairs identified in the Asset Management Plan.

The City of Cornwall watermain relining program aims to complete watermain rehabilitation using trenchless technologies. Instead of excavating the road along the entire length of the watermain, the Contractor will excavate 'pits' to access the main at strategic locations and work from there.

The relining process involves cleaning inside the existing watermain to remove any tuberculation followed by the insertion of the liner. The liner is then cured-in-place with steam to form what is essentially a 'new pipe within a pipe'.

The work for this project involves the lining of approximately 1,220m (excluding provisional parts) of the water distribution network at the following locations:

Part A – Peter Street from Powerdam Drive to Riverdale Avenue

Part B – Peter Street from Pescod Avenue to East Limit

Part C – James Street from Jane Street to Queen Street

Part D – Queen Street from Second Street to Riverdale Avenue

Part E – Pescod Avenue from Jane Street to Peter Street

Part F – Provisional: Surgenor Street from Charles Street to Boyd Street
(removed)

Part G – Provisional: Boyd Street from Surgenor Street to Joyce Street
(removed)

Part H - Miscellaneous



The following tenders were received and opened by Purchasing Services on March 5, 2021:

Fer-Pal Construction Limited, Toronto, Ontario

Bid Price Part A-E and H:	\$1,266,645.00
Provisional Items Part F and G	\$288,590.00
HST:	\$202,180.55
Total Bid Price:	\$1,757,415.55

Foraction Incorporated, Mont-Saint-Hilaire, Quebec

Bid Price Part A-E and H:	\$920,510.50
Provisional Items Part F and G	\$229,578.00
HST:	\$149,511.50
Total Bid Price:	\$1,299,600.00

Document Title:	Tender 21-T03 - Watermain CIPP Relining - 2021-17-Financial Services.docx
Attachments:	
Final Approval Date:	Mar 18, 2021

This report and all of its attachments were approved and signed as outlined below:

Nicole Robertson - Mar 15, 2021 - 2:23 PM

Bill de Wit - Mar 17, 2021 - 4:30 PM

Tracey Bailey - Mar 17, 2021 - 6:11 PM

Maureen Adams - Mar 18, 2021 - 7:53 AM