

The Corporation of the City of Kawartha Lakes

Council Report

Report Number ENG2019-022

Date: September 24, 2019

Time: 1:00 p.m.

Place: Council Chambers

Ward Community Identifier: 5

Title: **Peel Street Change Order**

Description: Extra Construction Costs Related to Removal of Contaminated Material on Peel Street

Author and Title: **Corby Purdy, Supervisor, Infrastructure, Design & Construction**

Recommendation(s):

That Report ENG2019-022, **Peel Street Change Order**, be received;

That Council authorize the increase of \$480,000 to the Capital budget program 998190307 (WW1903 Water Distribution and Wastewater Collection) to be funded \$240,000 from the Sewer Infrastructure Reserve (1.32030) and \$80,000 from the Water Infrastructure Reserve (1.32050); and

That additional funding of \$160,000 come from the Water Infrastructure Reserve (1.32050) in the event that funding for the Small Community Funds – Lindsay Cast Iron Watermain Replacement is denied or less than \$160,000 is approved.

Department Head:_____

Financial/Legal/HR/Other:_____

Chief Administrative Officer:_____

Background:

At the Council Meeting of March 26, 2019 Council adopted the following resolution:

14.1.17 PUR2019-009

2019-31-CQ Peel St and Russell St Reconstruction

Linda Lee, Buyer

Corby Purdy, Supervisor/Infrastructure, Design, Construction

CR2019-244

That Report PUR2019-009, **2019-31-CQ Peel St and Russell St Reconstruction**, be received;

That Coco Paving be awarded 2019-31-CQ Peel St and Russell St Reconstruction, for the quoted price of \$5,740,907.61;

That CIMA+ be awarded Contract Administration and Inspection Services on Peel St and Russell St Reconstruction, for the quoted price of \$289,771.70;

That subject to receipt of the required documents, the Mayor and Clerk be authorized to execute the agreements to award the contract; and

That the Procurement Division be authorized to issue a Purchase Order.

Carried

Rationale:

During the design stage exploratory boreholes were conducted and analyzed for existing material makeup and for chemical analysis. The results showed an isolated area that had potential for hydrocarbons. The tender was released with a small quantity item for removal and disposal of contaminated fill. However, during the construction of Peel Street, soil contamination was encountered with elevated levels of lead and mercury, leading to a major increase in the total volume of soil that had to be removed from the site and treated at a licensed hazardous facility.

In total 10,443.80 tonnes of hazardous contaminated fill was removed from the site. Staff and the consultants have found some savings within other line items (provisional items) not fully utilized and used contingency in order to reduce additional funds needed/requested.

Appendix A is a map showing all borehole locations.

Appendix B is the final soils report as a result of the chemical analysis and existing material makeup.

Other Alternatives Considered:

There are no other alternatives as we are legislated to remove hazardous contaminated fill to a licensed facility.

Financial/Operation Impacts:

Additional funds in the amount of \$480,000 are required.

It is recommended that the following funding sources are utilized in order to fund the change order:

\$240,000 from Sewer Reserves. The current balance in the Sewer Infrastructure Reserves is \$ 2,058,339

\$240,000 from the Water Reserves of which \$80,000 would come from the reserves and \$160,000 from the Small Community Funds – Lindsay Cast Iron Watermain Replacement. The current balance in the Water Infrastructure is \$2,999,932. In the event that funding for the Small Community Funds – Lindsay Cast Iron Watermain Replacement is denied or less than \$160,000 is approved, remaining funds will be used from the Water Infrastructure Reserve.

Relationship of Recommendation(s) To The 2016-2019 Strategic Plan:

This project relates to Goal 1 by maintaining the City's existing infrastructure:

- Goal 1 – A Vibrant and Growing Economy

It also aligns with the Strategic Enablers of “Efficient Infrastructure & Asset Management” and “Responsible Fiscal Resource Management”.

Review of Accessibility Implications of Any Development or Policy:

The Accessibility coordinator, the stakeholders meeting and the public meeting along with the City of Kawartha Lakes Accessibility Advisory Committee were involved throughout the Environmental Assessment process.

The design plan for Downtown will include Accessible pedestrian walkways / sidewalks, Audible pedestrian traffic signals / crossing and approved color contrast pavers on the boulevards.

Servicing Implications:

The corresponding infrastructure improvements (i.e. replacement of watermain, sanitary and storm pipe) have been incorporated into the design project and respective tender.

The City received a grant through Small Community Funds – Lindsay Cast Iron Watermain Replacement, that funds the replacement of cast iron watermain in Lindsay.

Consultations:

Junior Accountant

Attachments:

Appendix A – Map of bore hole locations



Test Pit Location
Plan.pdf

Appendix b –Final Soils Report



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