



City of
Peterborough

To: Members of the Committee of the Whole

From: W.H. Jackson, Director of Utility Services

Meeting Date: September 25, 2017

Subject: Report USEC17-025
Contract Increase - Engineering Design and Contract
Administration for Parkhill Road West Reconstruction

Purpose

A report to recommend an increase in the budget related to Engineering Design and Contract Administration for the reconstruction of Parkhill Road West from the west City limit to Wallis Drive.

Recommendation

That Council approve the recommendation outlined in Report USEC17-025, dated September 25, 2017, of the Director of Utility Services as follows:

That the agreement with D.M. Wills Associates Limited, 150 Jameson Drive, Peterborough, Ontario, K9J 0B9 for the Engineering Design and Contract Administration for the reconstruction of Parkhill Road West from the West City Limit to Wallis Drive be increased by \$480,673.00 plus HST of \$62,487.49 for a total increase of \$543,160.49 from \$1,015,694.85 to \$1,558,855.34.

Budget and Financial Implications

The total net \$489,132.84 requirement, after applicable HST rebates for Engineering Design and Contract Administration can be accommodated within the approved \$13,607,000 allocation within the 2017 and prior year Capital Budgets (2017 reference 5-2.11).

Background

Brief Description of the Work

Report USEC13-001 dated January 28, 2013 awarded Request for Proposals P-33-12 for the Engineering Design and Contract Administration for the reconstruction of Parkhill Road West from the West City limit to Wallis Drive to D.M. Wills Associates Limited. The work associated with this assignment included detailed design, tender preparation, contract administration and inspection services. Contact with adjacent residents/property owners is required on an almost continuous basis.

Budget Adjustment Required

There are a number of areas where the project has deviated from the originally anticipated schedule and scope of work:

1. Construction Inspection and Contract Administration:

The Consultants original proposal estimated two construction seasons of full time construction inspection and an additional year of part time inspection along with the associated contract administration services. The works performed to date on the project has almost exhausted the original estimated allotment and it is estimated that a similar commitment will be required to see the project through to completion. The amount of construction time estimated to complete the project has increased from the original schedule estimate. This increase in time is resultant from an increase in contract works experienced to date to tie the project into private properties, more complex utility relocations than originally anticipated, and the works being split into more tenders than originally proposed. These issues are also discussed in item 2 related to the detailed design. The increase in Construction Inspection and Contract Administration services equates to approximately \$300,000 of the fee increase request.

2. Detailed Design:

The Consultant has incurred more design efforts than originally estimated in a number of areas:

- a) The project schedule has increased to a longer duration than originally proposed resulting in additional time allotment in design efforts due to reduced efficiencies. Some of this additional time has been associated with delays related to property acquisitions.
- b) Private property impacts are more significant than originally estimated resulting in additional time incurred to design grading impacts and prepare permissions to enter.

- c) Utility liaison and coordination has been a significant undertaking for the project. The increased project schedule has also resulted in additional coordination and liaison with the utility companies and represents an increase from what the Consultant originally estimated.
- d) The major storm sewer outlet crossing under Parkhill Road West to Jackson Creek required additional design effort due to complexities with existing utilities related to the depth of the utilities and more complex outlet treatments.

For reasons of continuity of responsibility and building upon works completed to date it is recommended that the contract be increased to ensure the Consultant completes the assignment through to the end of the project. The Consultant has maintained the unit rates proposed in their original proposal for the increased fee estimates.

Council Approval Required

Section 17.4.6a of Purchasing By-law 14-127 indicates that where the original award was approved by Council, additional Council approval is required for expenditures that exceed the original price by more than 10% or \$100,000. The contract increase requested exceeds \$100,000 and requires Council approval.

Summary

The engineering design and construction supervision related to the reconstruction of Parkhill Road West from the west City limit to Wallis Drive has increased beyond the original scope of work and, consequently, an increase in the fees associated with this effort is requested.

Submitted by,

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Director Utility Services

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