



City of  
**Peterborough**

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**To:** **Members of the General Committee**

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

**Date:** **February 5, 2018**

**Subject:** **Report USTR18-001  
Award of RFP P-21-17 Design and Contract Administration for  
Multi-Use Trail Crossings of CP Rail Line and Related Work**

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## **Purpose**

A report to award the consulting work for the Design and Contract Administration for Trail Crossings at three CP Rail Locations.

## **Recommendation**

That Council approve the recommendation outlined in Report USTR18-001 dated February 5, 2018, of the Director of Utility Services, as follows:

That the Design and Contract Administration for the Multi-Use Trail Crossings of the CP Rail Line and Related Work be awarded to AECOM Canada Ltd., 300 Water Street, Whitby, ON L1N 9J2 at a cost of \$198,726.00 plus HST of \$25,834.38 for a total cost of \$224,560.38.

## **Budget and Financial Implications**

The \$202,223.58 cost of this project, net of HST, rebate can be accommodated within 2017 capital budget account 5-5.01 established for Various Multi-Use Trails.

## Background

### Scope of Work

There are two existing trails and one proposed trail that need to cross the active CP rail line as shown in Figure 1. This consulting project involves the design, including all approvals, and contract administration for the trail crossings on:

- a) The **Crawford Trail extension** between Townsend Street and Perry Street. Work to extend the Crawford Trail from Monaghan Road to Bethune Street is underway and the crossing of the active CP Rail line will need to be approved before the trail can be completed.
- b) **Otonabee River Trail** by the CP Rail Bridge. This existing crossing has been partially built. The gate design however is particularly challenging for tandem bicycles, bicycles with trailers and people who cannot easily turn their bicycles on a sharp angle while walking them. It is also challenging for people using mobility scooters. Through this project, a new design will be created that meets the needs of all trail users and complies with updated rail crossing design standards established by Transport Canada.
- c) **Maria Street** between Burnham Street and Mark Street. The TransCanada Trail along the south side of Maria Street was constructed in 2016, but the complexity of the railway crossing required additional property purchase and design and approvals prior to this part of the project proceeding. This project will complete the design and secure necessary approvals for the crossing.

The scope of work for this project also includes:

- d) the design and contract administration for the two blocks of the Crawford Trail where the rail crossing is located; and,
- e) investigation of options to improve the Maria Street rail crossing for on-road cyclists, given the extreme skewed angle of the rail crossing.

**Figure 1: Railway Crossing Locations**



The design for and approval of new railway crossings is a specialized field due to the nuances of these crossing types and the strict standards imposed by Transport Canada prior to granting approvals. As such, the City has issued a Request for Proposal for the design, including CP Rail approvals, tender preparation and construction contract administration.

## Bid Solicitation

City staff prepared and issued RFP P-21-17 on November 6, 2017 with a closing date of November 30, 2017. Staff posted the RFP document on the City's Bidding page. Two bids were received and evaluated by the Transportation Demand Management Planner, Manager of Transportation and the Manager of Design and Construction.

## RFP Statement

The solicitation process was an RFP where a number of criteria were used to evaluate submissions. The criteria and their relative weighting were clearly set out in the RFP document. Part 6.5.3.i of the City's Purchasing By-law 14-127 states that "as price is only one of the criteria evaluated, the award report will show the rating summary for each proponent and the total points. The award report will disclose the price of the recommended Supplier but not the price submitted by other proponents."

## RFP Evaluation Chart

Chart 1 below provides a summary of the RFP results.

**Chart 1 - Bidder Submission Evaluation Chart**

<b>Evaluation Criteria</b>	<b>Maximum Score</b>	<b>AECOM</b>	<b>Ainley</b>
Pricing	20	14.7	20.0
Project Understanding	10	9.7	4.7
Approach/Methodology	15	14.3	7.0
Work Plan	15	13.3	5.3
Project Management and Staff	20	18.7	11.7
Similar Work Experience	15	14.7	7.3
Proposal Clarity and Organization	5	4.3	2.3
<b>Rating Total</b>	<b>100</b>	<b>89.7</b>	<b>58.3</b>
<b>Ranking</b>		<b>1</b>	<b>2</b>

## Recommended Bidder

On the basis of the evaluation criteria, AECOM Canada Ltd. is the recommended proponent. In their proposal, AECOM has demonstrated excellent experience and knowledge with regard to the City's needs and a superior understanding of the assignment and the complex approval process and design challenges for this project.

Submitted by,

W. H. Jackson, P. Eng.  
Director Utility Services

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