



REPORT

REPORT TO: Chair and Members of the Planning, Public Works and Transportation Committee

REPORT FROM: Matt Roj, Traffic Coordinator

DATE: May 11, 2018

REPORT NO.: TPW-2018-0023

RE: Award of the Proposal P-014-18 for Engineering Services for Turn Lane Modifications

RECOMMENDATION:

THAT Report No. TPW-2018-0023, dated May 11, 2018, regarding the Award of the Proposal P-014-18 for Engineering Services for Turn Lane Modifications, be received;

AND FURTHER THAT Council approves the Engineering Services for Turn Lane Modifications contract award to BT Engineering Inc., 100 Craig Henry Drive, Suite 201, Ottawa ON K2G 5W3, for the engineering services of the Maple Avenue and Guelph Street, and Maple Avenue and Main Street projects in the amount of \$127,473.00 (plus HST);

AND FURTHER THAT the Manager of Purchasing be authorized to issue a purchase order to BT Engineering Inc. for the engineering services of the Maple Avenue and Guelph Street, and Maple Avenue and Main Street projects in the amount of \$127,473.00 (plus HST);

AND FURTHER THAT the Manager of Purchasing be authorized to issue a purchase order to BT Engineering Inc. for the contract administration for Maple Avenue and Guelph Street, and Maple Avenue and Main Street projects in the amount of \$51,840.00 (plus HST), subject to approval in the 2019 Capital Budget;

AND FURTHER THAT Council authorizes the Treasurer to transfer \$11,749.00 from the Maple Avenue and Guelph Street Turn Lane Capital Project 6200-16-1807 to Maple Avenue and Main Street Turn Lane Capital Project 6200-16-1808.

BACKGROUND:

In the 2018 Capital Budget, monies were allocated and approved for the design of turn lanes at Maple Avenue and Main Street, corporate rating #67. The scope of the Maple Avenue and Main Street project is the engineering design only of a northbound right turn lane to improve the intersection's level of service. The construction cost of the northbound right turn lane at Maple Avenue and Main Street is identified in the proposed 2019 Capital Forecast Summary.

In the 2018 Capital Budget, monies were also allocated and approved for the design and construction of a southbound right turn lane at Maple Avenue and Guelph Street, corporate rating #71.

COMMENTS:

A Request for Proposal (RFP) for the Engineering Services for Turn Lane Modifications was issued on March 13, 2018. The bid was posted on the Town's website and advertised on the bidsandtenders.ca website and on www.biddingo.com. Five (5) firms downloaded the document. The RFP closed on April 4, 2018 and three (3) submissions were received as follows:

Vendor	Location
BT Engineering Inc.	London, ON
Prelix Associates International Limited	Mississauga, ON
SNC-Lavalin Inc.	Toronto, ON

Bids were evaluated by a staff team based on experience, price, methodology, project approach and understanding, and work schedule. BT Engineering Inc. was determined to be the highest ranking proponent.

Staff recommend to complete the detailed engineering designs of both intersections in 2018, and to undertake the construction of turn lanes at both intersections in 2019. Staff is of the opinion that undertaking the construction within the same year for both intersections should reduce the cost of construction zone deployment.

To complete the proposed engineering design work, staff recommend the transfer of funds from the Maple Avenue and Guelph Street Turn Lane Capital Project 6200-16-1807 to Maple Avenue and Main Street Turn Lane Capital Project 6200-16-1808 in the amount of \$11,749.00.

RELATIONSHIP TO STRATEGIC PLAN:

The turn lane modification projects are operational matters.

FINANCIAL IMPACT:

The cost contained in this report will have no further impact on the Town's financial resources. The associated costs were budgeted for the Maple Avenue and Main Street Turn Lane Capital Project 6200-16-1808 at \$50,000 and Maple Avenue and Guelph Street Turn Lane Capital Project 6200-16-1807 at \$250,000.

The cost to undertake the proposed design work for the Maple Avenue and Main Street, and Maple Avenue and Guelph Street projects is \$61,749.00 and \$65,724.00, respectively. Staff recommend the transfer of funds from the Maple Avenue and Guelph Street Turn Lane Project 6200-16-1807 to Maple Avenue and Main Street 6200-16-1808 in the amount of \$11,749.00. The total cost of the engineering services for both projects is \$127,473.00 (plus HST).

CONSULTATION:

Staff worked in conjunction with Town Purchasing staff and Accounting staff from the Corporate Services Department and they are in agreement with this recommendation.

PUBLIC ENGAGEMENT:

There is no public engagement required at this stage.

SUSTAINABILITY IMPLICATIONS:

The Town is committed to implementing our Community Sustainability Strategy, Imagine Halton Hills. Doing so will lead to a higher quality of life.

The recommendation outlined in this report advances the Strategy's implementation.

This report supports the Social Well-being pillar of Sustainability and in summary the alignment of this report with the Community Sustainability Strategy is good.

COMMUNICATIONS:

Local businesses affected by the proposed projects will be notified.

CONCLUSION:

Staff recommend the award of the contract for Engineering Services for Turn Lane Modifications to BT Engineering Inc. and that the Manager of Purchasing issue a purchase order to BT Engineering Inc. in the amount of \$127,473.00, plus HST, for the design of the turn lanes and an additional purchase order, subject to budget approval, in the amount of \$51,840.00, plus HST, for the contract administration portion of the project.

Reviewed and Approved by,



Dick Spear, Superintendent of Public Works



Chris Mills, Commissioner of Transportation and Public Works



Brent Marshall, CAO