



REPORT

REPORT TO: Mayor Bonnette and Members of Council

REPORT FROM: Aaron Brown, Project Manager, Municipal Infrastructure

DATE: May 7, 2021

REPORT NO.: TPW-2021-0004

RE: Award of Tender T-014-21 and Additional Engineering Services for Intersection and Active Transportation Improvements Project, Georgetown

RECOMMENDATION:

THAT Report No. TPW-2021-0004, dated May 7, 2021, regarding Award of Tender T-014-21 for Intersection and Active Transportation Improvements Project, Georgetown, be received;

AND FURTHER THAT Sanscon Construction Ltd., 79 Fenmar Drive, North York, Ontario, M9L 1M3, be awarded Tender T-014-21, Intersection and Active Transportation Improvements Project, Georgetown, at a total amount of **\$1,130,788.50** (plus applicable taxes);

AND FURTHER THAT Council authorizes Scope Change Request No. 9 – Construction Administration and Inspection under Purchase Order No. 18-145 to BT Engineering for the amount of **\$42,380.00** (plus applicable taxes);

AND FURTHER THAT the capital budget for the Maple & Main/Guelph & Maple Turn Lane Construction project (6200-16-1808) be adjusted by \$753,148 from \$711,852 to \$1,465,000 as set in Report TPW-2021-0004;

AND FURTHER THAT Council authorizes the Mayor and Clerk to execute the necessary Contract Documents for this project.

BACKGROUND:

The objective of the project is to construct a new southbound right turn lane on Maple Avenue at Guelph Street and extend the existing northbound right turn lane on Maple Avenue at Guelph Street to improve the intersection's level of service. A full reconstruction of the signals infrastructure will also take place. This project will provide safe and reliable transportation ensuring the existing road network will continue to function efficiently.

This project will also incorporate active transportation infrastructure through the intersection to tie into a new multiuse pathway and/or bike lane along Maple Avenue from Main Street to Mountainview Road. Through the Halton Hills Active Transportation Master Plan, Maple Avenue was recommended to include active transportation facilities. The multi-use path and bike lanes support the Town's Active Transportation initiatives and allows for the safety of both pedestrians and cyclists along the corridor to controlled crossings. This will provide additional pedestrian infrastructure and enhance the safety for pedestrians.

BT Engineering Inc. (BTE) is the Engineering Consultant that was secured by the Town in June, 2018 to provide Engineering Design, Contract Administration (CA), and Inspection Services for two intersection improvement projects in Georgetown. The first intersection (Main St. and Maple Ave.) is complete. The second (Maple Ave and Guelph St.) is going forward with construction this year, 2021.

In their original proposal and schedule, BTE estimated the scope, which included a new right-turn lane including all electrical/signal improvements as required, assuming a one (1) month construction period. The Town increased the scope of work to include turn lane improvements on both approaches on Maple Ave. at Guelph St., as well as Active Transportation improvements along Maple Avenue from Main St. to Mountainview Road. The construction is now estimated to take approximately three (3) to four (4) months with the additional work involved in the project. The total estimated fee for Construction Administration and Inspection would be \$68,300.00 excluding HST, which constitutes an additional cost of **\$42,380.00 excluding HST** beyond the original proposal estimate.

COMMENTS:

Staff issued Tender T-014-21 on March 30, 2021. Bids were posted on the Town's website and advertised on the bids and tenders website. A total of thirty-one (31) firms downloaded the bid documents and six (6) bids were received. The tenders closed on April 21, 2021. Bids were received as follows:

Contractor	Subtotal	HST	Total
Sanscon Construction Ltd.	\$1,130,788.50	\$147,002.51	\$1,277,791.01
Pave-It Ltd.	\$1,163,585.75	\$151,266.16	\$1,314,851.91
Gazzola Paving Ltd.	\$1,231,496.50	\$160,094.55	\$1,391,591.05
Graham Bros. Construction Ltd.	\$1,309,741.20	\$170,266.35	\$1,480,007.55
Ashland Construction Group Ltd.	\$1,354,550.90	\$176,091.62	\$1,530,642.52
Capital Paving Inc.	\$1,443,389.62	\$187,640.64	\$1,631,030.26

RELATIONSHIP TO STRATEGIC PLAN:

The recommendations of this Report support the Strategic Plan priority areas of Transportation, Climate Change and Environment, Fiscal and Corporate Management and the focus areas of Traffic Safety, Bike Lanes, Resilient Infrastructure and Capital Assets and Liabilities Management.

FINANCIAL IMPACT:

The bid submitted by Sanscon Construction Ltd. is being recommended as it meets or exceeds the specifications in all regards.

Due to the complexity of the project and possible traffic impacts associated with this critical intersection, a 13% project contingency is being recommended to address potential additional project needs that may occur beyond the original scope of the contract.

As this project incorporates work from two approved capital projects as noted above (intersection improvements and active transportation), it is recommended that the project budget for the Maple & Main/Guelph & Maple Turn Lane Construction project (6200-16-1808) and Cycling Infrastructure Maple Ave project (6100-16-2107) be adjusted to integrate the cycling work. Accordingly, the project budget for Maple & Main/Guelph & Maple Turn Lane Construction will be adjusted by \$753,148 from \$711,852 to \$1,465,000, and the corresponding reduction will be made to the Cycling Infrastructure Maple Ave project budget (from \$1,545,000 to \$791,852). In order to facilitate this adjustment, the equal amount of Canada Gas Tax funding will be transferred between these two projects.

The following table outlines the revised project budget for the Maple & Main/Guelph & Maple Turn Lane Construction project (6200-16-1808):

<u>Funding</u>		
Capital project balance 6200-16-1808	\$711,852	
Budget adjustment (from 6100-16-2107)	753,148	
Total 6200-16-1808		\$1,465,000
<u>Expenditures (includ. non-refundable HST)</u>		
Contract award	\$(1,150,690)	
Construction Admin.	(42,380)	
Traffic Infrastructure	(50,000)	
Materials Testing / Overtime	(50,000)	
Contingency	(171,930)	
Total		\$(1,465,000)
Net Amount		\$0

CONSULTATION:

The Senior Manager of Purchasing and Risk Management is in agreement with this recommendation.

The Town Treasurer and Director of Finance is in agreement with this recommendation.

PUBLIC ENGAGEMENT:

A Virtual Public Information Centre (PIC) through the Town's Let's Talk platform was held from February 24 to March 10, 2021.

The PIC project page was viewed by ninety-four (94) persons. The general consensus from the PIC was positive, with the plans that were presented.

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 relationship between this report and the Strategy is summarized below:

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

The Intersection and Active Transportation Improvements Project supports two pillars of sustainability by providing economic prosperity through infrastructure renewal and provides social well-being by providing relievable transportation. The alignment of this Report with the Community Sustainability Strategy is good.

COMMUNICATIONS:

Staff discussions with Sanscon Construction Ltd. will occur as to the scheduling and the Town's expectations toward customer service including health and safety concerns around COVID-19. Additional notices will be sent to residents prior to working on the project. Town staff will work closely with Sanscon Construction Ltd. to ensure the work is carried out in accordance with the contract document and with as little disruption to the local community and public traffic, as possible.

The Ministry of Transportation was contacted to acquire a permit for the intersection improvements.

The Roads 2021 Information Package was provided to the Mayor and Members of Council by email in March 2021. This package illustrates the 2021 works and includes the specific areas slated for road renewal, plans for notifying residents of the scheduled works, and customer service protocols. Notice of Construction letters will be hand-delivered to affected residents and businesses. Additional notices will be sent informing of any delays in work.

Emergency services will be notified of any road closures.

CONCLUSION:

The bid document submitted by Sanscon Construction Ltd. meets or exceeds our specifications in all regards. Staff recommends Council award Tender T-014-21, Intersection and Active Transportation Improvements Project, Georgetown, to Sanscon Construction Ltd and approve the additional Construction Administration and Inspection fees for BT Engineering Inc.

Reviewed and Approved by,

A handwritten signature in cursive script, appearing to read "M. J. Leighton".

Moya Jane Leighton, Director of Finance & Town Treasurer

A handwritten signature in cursive script, appearing to read "W. Andrews".

Bill Andrews, Commissioner of Transportation and Public Works

A handwritten signature in cursive script, appearing to read "C. Mills".

Chris Mills, Acting Chief Administrative Officer