



REPORT

TO: Mayor Bonnette and Members of Council

FROM: Aaron Brown, Project Manager Municipal Infrastructure

DATE: June 13, 2022

REPORT NO.: TPW-2022-0017

SUBJECT: T-014-22 - Signals and Intersection Reconstruction at Guelph Street (Hwy 7) and Mill Street

RECOMMENDATION:

THAT Report No. TPW-2022-0017, dated June 13, 2022, regarding Award of Tender T-014-22 for Signals and Intersection Reconstruction at Guelph Street (Hwy 7) and Mill Street, Georgetown, be received;

AND FURTHER THAT Pave-AI Limited, 1250 Shawson Drive, Mississauga Ontario L4W 1C3, be awarded Tender T-014-22, Signals and Intersection Reconstruction at Guelph Street (Hwy 7) and Mill Street, Georgetown, at a total amount of \$676,368 (plus applicable taxes);

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

AND FURTHER THAT the Senior Manager of Purchasing and Risk Management be authorized to add to existing Purchase Order 18-196 to GM BluePlan Engineering Limited, 330 Trillium Drive, Unit D, Kitchener Ontario N2E 3J2, a line item increase in the amount of \$107,741.00 (excluding HST), for the purpose of Contract Administration and Inspection and Post Construction Services associated with the Reconstruction of the Signals and Intersection at Guelph Street (Hwy 7) and Mill Street, Georgetown.

AND FURTHER THAT the project budget for 6200-16-1811 (Guelph/Mill Intersection Improvement) be increased by \$112,000 from \$825,000 to \$937,000 and that the additional funding requirement be financed as set out in report TPW-2022-0017.

KEY POINTS:

The following are key points for consideration with respect to this report:

- Staff are recommending Tender No. T-014-22, Signals and Intersection Reconstruction at Guelph Street (Hwy 7) and Mill Street be awarded to Pave-AI Limited, 1250 Shawson Drive, Mississauga Ontario L4W 1C3.
- The project includes reconstruction of the intersection to accommodate the addition of turn lanes on Mill Street as well as the replacement of the existing traffic signals. Also included in the project scope are minor storm sewer repairs, associated curb and sidewalk repairs, and road resurfacing within the project limits.
- Additional funding for contract administration and inspection services is required to address the need for special expertise and knowledge due to the complexity of the project.
- The tender results and need for additional contract administration and inspection services results in a project budget increase of \$112,000 from \$825,000 to \$937,000.

BACKGROUND AND DISCUSSION:

The objective of the project is to improve southbound and northbound turn lane functionality on Mill Street at Guelph Street to improve the intersection's level of service. A full reconstruction of the traffic 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 will also improve the functionality of the pedestrian infrastructure and enhance the safety for pedestrians.

Signals and Intersection Reconstruction at Guelph Street (Hwy 7) and Mill Street

Staff issued Tender No. T-014-22 for the Signals and Intersection Reconstruction at Guelph Street (Hwy 7) and Mill Street on April 28, 2022. Bids were posted on the Town's website and advertised on the Bids and Tenders website. A total of seventeen (17) firms downloaded the bid documents and three (3) bids were received. The tenders closed on April 28, 2022. Bids were received as follows:

Contractor	Subtotal	HST	Total
Pave-AI Limited	\$676,368.00	\$87,927.85	\$764,295.85
Drexler Construction Limited	\$847,000.00	\$110,110.01	\$957,110.01
Sanscon Construction Ltd	\$1,169,415.00	\$152,023.95	\$1,321,438.95

It is recommended that Tender No. T-014-22 be awarded to Pave-AI Limited, 1250 Shawson Drive, Mississauga Ontario L4W 1C3 with the lowest bid amount.

In addition to the award for construction, as part of this report staff are recommending an extension to the existing contract with GM BluePlan Engineering to provide contract administration and inspection services. Due to the complex nature of the project, these additional resources will provide the advanced knowledge and expertise required to facilitate the construction phase of this project. The cost for these additional services total \$109,637 (including non-recoverable HST). Combined with the construction tender and other anticipated costs, this will bring the total revised project budget to \$937,000. This is \$112,000 higher than the \$825,000 project budget approved to date.

STRATEGIC PLAN ALIGNMENT:

This report aligns to the Town's Strategic plan recognizing the value to achieve sustainable growth to ensure that growth is managed so as to ensure a balanced, sustainable, well planned community infrastructure and services to meet the needs of its residents and businesses.

This report also identifies transportation as one of the Town's Strategic priorities.

RELATIONSHIP TO CLIMATE CHANGE:

This report is administrative in nature and does not directly impact or address climate change and the Town's Net Zero target.

PUBLIC ENGAGEMENT:

Public Engagement has been conducted as follows: Online Survey, Open House/PIC/Workshop, Stakeholder Meetings, Other (please specify)

A Virtual Public Information Centre (PIC) through the Town's Let's Talk platform was held from March 17 to April 1, 2022.

The PIC project page was viewed by seventy-three (73) persons. The general consensus from the PIC was positive, with the plans that were presented.

INTERNAL 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.

The Director of Transportation is aware of the project.

The Director of Engineering and Construction is aware of the project.

FINANCIAL IMPLICATIONS:

As noted above, the Guelph/Mill Intersection Improvements project (6200-16-1811) budget will need to increase by \$112,000 from \$825,000 to \$937,000 for the additional consulting and contract administration and inspection services. This increase will be financed from DC reserve funds (\$45,000), New Capital reserve (\$8,000), and Ontario Community Infrastructure Funding (\$59,000) as shown below.

	Financing					
	Budget	DC - Transportation	New Capital Reserve	Transportation Infrastructure Reserve	Ontario Community Infrastructure Fund (OCIF)	Canada Community Building Fund (CCBF)
Existing project budget						
2018 Budget	\$ 75,000				\$ 75,000	
2019 Budget	400,000			10,000		390,000
2022 Budget	350,000	297,000	53,000			-
Total	\$ 825,000	\$ 297,000	\$ 53,000	\$ 10,000	\$ 75,000	\$ 390,000
Revised Project Budget per TPW-2022-0017						
Design & Engineering (Existing P.O 18-196)	\$ 63,804					
Construction per current tender (incl. applicable HST)	688,272					
Contract Admin & Inspection (GM BluePlan)	109,637					
Material testing, OT	25,000					
Other costs (including contingency)	50,287					
Total & Revised Financing	\$ 937,000	\$ 342,000	\$ 61,000	\$ 10,000	\$ 134,000	\$ 390,000
Transfer (to)/from Reserves & Grants	\$ 112,000	\$ 45,000	\$ 8,000	\$ -	\$ 59,000	\$ -

Reviewed and approved by,

Simone Gourlay, Senior Manager of Purchasing and Risk Management

Moya Jane Leighton, Director of Finance and Town Treasurer

Mike Donnelly, Director of Engineering and Construction

Bill Andrews, Commissioner of Transportation and Public Works

Chris Mills, Chief Administrative Officer