



REPORT

REPORT TO: Chair and Members of the Community and Corporate Affairs Committee

REPORT FROM: Mark Taylor, Senior Landscape Architect

DATE: January 27, 2020

REPORT NO.: RP-2020-0002

RE: Award and Funding of Q-101-19 Replacement of Main Street Pedestrian Bridge

RECOMMENDATION:

THAT Report RP-2020-0002 dated January 27, 2020, regarding the award and funding of Q-101-19 Replacement of Main Street Pedestrian Bridge be received;

AND FURTHER THAT the Senior Manager of Purchasing & Risk Management be authorized to issue a purchase order for the award of Q-101-19 for the replacement of the Main Street Pedestrian Bridge in the amount of \$113,950.00 + HST to Hobden Construction of Milton Ontario;

AND FURTHER THAT the amount of \$46,000 for the adjusted cost of the Main Street pedestrian bridge as outlined in Report RP-2020-0002 be derived from the Capital Replacement Reserve.

BACKGROUND:

Based on findings from bridge inspections conducted in 2018 following the Ontario Structural Inspection Manual (OSIM) it was found that the pedestrian bridge on the west side of Main Street near Arborglen Drive in Georgetown had structural concerns and needed to be replaced in a 1-2 year timeframe. The current bridge is self-weathering steel with a wooden deck. Self-weathering steel is susceptible to corrosion when exposed to salt. The bridge was constructed in 2004 in co-ordination with the Arborglen Subdivision by Mattamy Homes.

Staff began preliminary design for a replacement and requested funds (\$70,000) through the capital budget process in 2019. Through the detailed design process, it was determined that an aluminum bridge would be the most suitable material and that asphalt should be used as the deck surface.

COMMENTS:

The purpose of this report is to award the contract for the construction of the bridge, and to request additional funds in order to complete the project.

The Town issued a quotation Q-101-19 which was posted on bidsandtenders.ca and the Town's website on November 8, 2019. There were thirty-seven (37) plan takers and bids were received from seventeen (17) companies on December 3, 2019. They are listed below by price, including provisional items and HST.

Company	Location	Price
Hobden Construction Company Ltd.	Milton, ON	\$147,589.30
Lancoa Contracting Inc.	Caledon, ON	\$157,433.13
Bomar Landscaping Inc.	Elora, ON	\$161,429.54
Hawkins Contracting Services Ltd.	Stouffville, ON	\$162,946.31
Canada Construction Ltd.	Mississauga, ON	\$175,715.00
Esposito Bros Construction Ltd.	Bolton, ON	\$189,354.44
Marbridge Construction Ltd.	Mississauga, ON	\$204,982.00
Sierra Bridge Inc.	Woodstock, ON	\$211,423.00
614128 Ontario Ltd o/a Trisan Construction	Schomberg, ON	\$235,353.01
2220742 Ontario Ltd o/a Bronte Construction	Oakville, ON	\$239,392.12
MTM-2 contracting Inc.	Milton, ON	\$240,938.60
DIG-CON International Ltd.	Bolton, ON	\$258,374.50
CSL Group Ltd.	Ancaster, ON	\$264,815.50
MJK Construction Inc.	Mississauga, ON	\$283,193.82
Jarlian Construction Inc.	Burlington, ON	\$288,037.00
2274084 Ontario Ltd. o/a GMP Contracting	Toronto, ON	\$313,729.81
Carlington Construction Inc.	Waterdown, ON	\$391,997.00

Hobden Construction of Milton Ontario was the lowest bid and after checking references, they have an acceptable level of experience to complete the project.

The difference between the budgeted amount and bid result is believed to be due to a number of factors. These include:

- Unlike the majority of pedestrian bridges the bridge design is flat (no arch/camber) so the required bottom supports are larger.
- Specification of an asphalt bridge deck (superior to wood for active transportation use)
- Use of aluminum for bridge structure, prices/tariffs and uncertainty of supply/cost from the United States; aluminum has proven to be the material of choice in areas requiring a higher level of winter control (e.g. Acton Library)
- Unanticipated or additional concrete abutment repairs (i.e. could not reuse exactly as they were)

A provisional item was included within the bid price for barrier railings along the approaches to replace the existing self-weathering steel railings with aluminum railings. This component has been removed from the awarded bid scope so the total project scope is \$116,000 (including non-refundable HST). Town staff has also investigated other opportunities to value engineer the project with the contractor but found none.

The price was determined to be reasonable based on the design factors that increased the cost over the original budget request, and results of a competitive bid process, so staff recommend that the additional funds be allocated rather than attempting to alter the design and retender the project. This will allow the bridge to be replaced as quickly as possible. If the bridge is not replaced in a timely manner (1 year), it will have to be closed off to public use as it would pose a significant safety hazard. There is no sidewalk or safe pedestrian alternative to cross Main Street or Black Creek on the west side of Main Street. Similar specifications will be incorporated future pedestrian bridges in the capital budget forecast so that adequate funds are available to align with the expected levels of service.

RELATIONSHIP TO STRATEGIC PLAN:

A.3. To provide a broad range of educational, recreational and cultural services that meet the needs of our residents.

H.1 To provide infrastructure and services that meets the needs of our community in an efficient, effective and environmentally sustainable manner.

H.2 To ensure that infrastructure required for growth is provided in a timely manner.

H.4 To partner with other orders of government, and the private sector, to plan and finance infrastructure expansion and improvements.

FINANCIAL IMPACT:

To meet the required bridge specifications, \$46,000 in additional funds are required to be transferred from the capital replacement reserve to the capital project account.

CONSULTATION:

Staff from the Purchasing Section administered the bid process. The Senior Manager of Purchasing & Risk Management and Town Treasurer are in agreement with the recommendation.

PUBLIC ENGAGEMENT:

The Active Transportation Committee was consulted during the design of this project.

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 cultural vibrancy and social well-being pillar(s) of Sustainability and in summary the alignment of this report with the Community Sustainability Strategy is Good.

COMMUNICATIONS:

N/A

CONCLUSION:

Staff recommend that bid Q-101-19 for the replacement of the Main Street Pedestrian Bridge be awarded to Hobden Construction and the requested monies be transferred to the capital account to fund the budget shortfall.

Reviewed and Approved by,

A handwritten signature in cursive script that reads "Simone Gourlay".

Simone Gourlay, Senior Manager of Purchasing and Risk Management

A handwritten signature in cursive script that reads "Kevin Okimi".

Kevin Okimi, Director of Parks and Open Space

A handwritten signature in cursive script that reads "Warren Harris".

Warren Harris, Commissioner of Recreation and Parks

A handwritten signature in cursive script that reads "Brent Marshall".

Brent Marshall, Chief Administrative Officer