



Committee of the Whole Report

Report Number: ENG2021-003
Meeting Date: January 12, 2021
Title: Temporary Support for Fenelon Falls Bridge
Description: Emergency Works
Author and Title: Martin Sadowski, Senior Engineering Technician

Recommendation(s):

That Report ENG2021-003, **Temporary Support for Fenelon Falls Bridge**, be received; and

That Council authorizes the required funds in the amount of \$349,934 be funded from the uncommitted portion of the capital contingency reserve. (1.32248); and

That this recommendation be brought forward to Council for consideration at the next Regular Council Meeting.

Department Head: _____

Financial/Legal/HR/Other: _____

Chief Administrative Officer: _____

Background:

On September 3rd, 2020, submissions for quotation number 2020-62-CQ – Engineering Services for Lindsay Street Bridge in Fenelon Falls (rehabilitation design for the bridge) were received. The project was awarded to D.M. Wills and Associates. The first task completed under the assignment was a bridge condition survey. This survey revealed that the expansion joint detail on the Fenelon Falls bridge is prone to failure. In addition to the type of joint on this bridge, further investigation revealed that the concrete and reinforcing steel in the joints are in very poor condition.

Rationale:

D.M. Wills and Associates recommended that the situation needs to be addressed immediately by reinforcing the 2 existing joints to eliminate the risk of failure and ensure structural safety until a full rehabilitation of the structure is complete.

The objective of the work is to install a structural steel frame (Support) under the bridge at each expansion joint. This work will be completed behind cofferdams (between the piers) and ideally in dry conditions. The Supports are required to ensure ongoing safety and load capacity of the bridge, and will be permanent (until further bridge rehabilitation/replacement can be undertaken).

A design and scope of work was created and a Request for Quotation was sent out to 4 reputable bridge contractors.

Bids for the Temporary Supports for Fenelon Falls Bridge closed at 11:00AM, December 17, 2020.

There were two (2) qualified bids received:

Clearwater Structures	\$264,356.00 plus HST
Landform Civil Infrastructures	\$270,100.00 plus HST

After reviewing the submissions, it was recommended that Clearwater Structures be awarded the work. A Purchase Order has been created and issued to Clearwater Structures.

Clearwater is planning and mobilizing in order to execute the work in a timely manner.

The Engineering, Contract Administration and Inspection for this emergency work will be completed by D.M. Wills and Associates. D.M. Wills and Associates currently have an open Purchase Order 907501 OC for the Design for Rehabilitation of the Fenelon Falls Bridge. A Change Order will be completed for this Purchase Order to include D.M. Wills fees for this emergency work at a cost of \$48,880.00.

Construction is expected to commence late January/early February and is expected to take three to four weeks to complete. Little to no impact to traffic is expected.

Other Alternatives Considered:

N/A

Alignment to Strategic Priorities

This project relates to Goal 1 by maintaining the City's existing Infrastructure

- Goal 1 – A Vibrant and Growing Economy

It also aligns with the Strategic Enablers of "Efficient Infrastructure & Asset Management" and "Responsible Fiscal Resource Management"

Financial/Operation Impacts:

Capital Project Number	Project Budget	Purchase Amount (excl. HST)	Other Committed Funds	Engineering, CA and Inspection	Cont. 10%	HST Payable	Total Amount	Project Balance
TBD	\$0.00	\$264,356	\$4,210	\$48,880	\$26,435	\$6,053	\$349,934	(\$349,934)
Total	\$0.00	\$264,356	\$4,210	\$48,880	\$26,435	\$6,053	\$349,934	(\$349,934)

Funding will come from the uncommitted portion of the capital contingency reserve (1.32248).

Servicing Implications:

N/A

Consultations:

D.M. Wills and Associates
CKL Purchasing Department

Attachments:

N/A

Department Head email: jrojas@kawarhalakes.ca

Department Head: Juan Rojas, Director of Engineering and Corporate Assets