



## REPORT

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**TO:** Mayor Lawlor and Members of Council

**FROM:** Michelle Mathies, Project Manager, Municipal Infrastructure

**DATE:** February 12, 2024

**REPORT NO.:** TPW-2024-003

**SUBJECT:** Award of 2023-090-P Engineering Services for the Replacement of Bridge #17, Main Street over Credit River, Glen Williams

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### RECOMMENDATION:

THAT Report No. TPW-2024-003, dated February 12, 2024, regarding the Award of 2023-090-P Engineering Services for the Replacement of Bridge #17, Main Street over Credit River, Glen Williams, be received;

AND FURTHER THAT GHD Ltd. be awarded 2023-090-P Engineering Services for the Replacement of Bridge #17, Main Street over Credit River, Glen Williams, at a total amount of \$750,578.00 plus applicable taxes;

AND FURTHER THAT the Manager of Purchasing be authorized to issue a Purchase Order to GHD Ltd. in the amount of \$566,771.00 plus applicable taxes for Engineering Design services;

AND FURTHER THAT the Manager of Purchasing be authorized to increase the Purchase Order to GHD Ltd., in the amount of \$183,807.00 plus applicable taxes for Provisional Contract Administration and Inspection services;

AND FURTHER THAT Council authorize the Mayor and Clerk to execute the necessary documents to enter into a Client/Engineer Agreement for Professional Consulting Services.

## **KEY POINTS:**

- Staff are recommending the Award of 2023-090-P Engineering Services for the Replacement of Bridge #17, Main Street over Credit River, Glen Williams to GHD Ltd.
- The Purchasing Policy (PLCY-2023-0003) requires awards for Request for Proposal over two hundred and fifty thousand dollars (\$250,000) be authorized by Council.
- Project has an approved existing budget amount of \$2,701,000:

## **BACKGROUND AND DISCUSSION:**

In 2020, Capital Budget monies were allocated and approved for the design of the Main Street (Glen Williams) Improvements in the amount of \$650,000.00.

In June 2021, council approved TPW-2021-0018, Engineering Services for Main Street (Glen Williams) Improvements contract award to AECOM Canada Ltd., 105 Commerce Valley Drive West, 7th Floor, Markham, Ontario L3T 7W3.

During the engineering investigations undertaken by this assignment, detailed studies were performed on Bridge #17 to determine its viability for rehabilitation based on age and condition. As a result of these studies, it was concluded that Bridge #17 was approaching its end of life and would need to be replaced. The replacement was outside of the scope assigned to AECOM and the magnitude of this change was too extensive to address under the existing assignment.

As a result, staff issued RFP 2023-090-P Engineering Services for the Replacement of Bridge #17, Main Street over Credit River, Glen Williams for Engineering Design, with provisional costing to be provided for Contract Administration and Inspection Services. The design work will include evaluation of the existing bridge, review and assessment of replacement options, design of a new bridge structure, environmental investigations, permit acquisition with relevant agencies, design of temporary watermain to maintain water supply during construction, engineering drawings, cost estimates, and tender documents.

AECOM's assignment for the Rehabilitation of Bridge #16 and improvements to the Main Street roadway is still ongoing. The intent is that the existing Main Street Improvements project will align with the Replacement of Bridge #17, Main Street over Credit River, Glen Williams.

Provisional Construction Phase Engineering Services, including Contract Administration, Site Inspection, and Engineering Support during Construction, are included in this RFP award. These services will be authorized by Town staff at a future date, if required.

**Solicitation of Proposals for Engineering Services**

RFP 2023-090-P Engineering Services for the Replacement of Bridge #17, Main Street over Credit River, Glen Williams was issued on November 8, 2023. Bids were posted on the Town’s website and advertised on the bids and tenders website. Twenty four (24) firms downloaded the document. The RFP closed on December 12, 2023 and eight (8) submissions were received as follows:

<b>Vendor</b>	<b>Location</b>
Exp Services Inc	Brampton, Ontario
GEI Consultants	Kitchener, Ontario
Gannett Fleming Canada ULC	Toronto, Ontario
GHD Ltd.	Waterloo, Ontario
Jewell Engineering Inc.	Belleville, Ontario
McIntosh Perry Consulting Engineers Ltd.	Mississauga, Ontario
Planmac Engineering Inc.	Toronto, Ontario
WSP Canada Inc.	Thornhill, Ontario

Bids were evaluated by a staff team based on experience, and project team credentials, approach, methodology and value add, and work schedule and price. GHD Ltd. was determined to be the highest ranking proponent.

Staff are recommending that GHD Ltd. be awarded RFP 2023-090-P Engineering Services for the Replacement of Bridge #17, Main Street over Credit River, Glen Williams at a cost of \$750,578.00 plus applicable taxes.

Detailed engineering design will be undertaken in 2024 / 2025. Construction activities are currently included in the capital forecast for 2026. Review of construction timing will be undertaken during preparation of the 2025 capital budget and forecast.

**STRATEGIC PLAN ALIGNMENT:**

This report identifies infrastructure and asset management as one of the Town’s Strategic priorities.

**RELATIONSHIP TO CLIMATE CHANGE:**

This report impacts and/or helps address climate change and the Town's resiliency through climate adaptation.

## **PUBLIC ENGAGEMENT:**

Public Engagement will be required; consultation with Communications staff to follow.

The Town will lead consultation with the Mississaugas of the Credit First Nation (MCFN) and other nations as required to identify any concerns relating to the opportunity areas identified. The consultant will provide support for the Town with the goal of ensuring meaningful engagement and consultation with Indigenous communities, to identify and conserve resources that have value for these communities.

## **INTERNAL CONSULTATION:**

Manager of Purchasing, Manager of Culture and Equity, Diversity and Inclusion, Director of Transportation and the Town Treasurer & Director of Finance were consulted on this report.

## **FINANCIAL IMPLICATIONS:**

This report will be funded through an existing approved budget source.

Through the 2020 capital budget, Council approved \$650,000 for project 6200-16-1004 for the design of the Main Street (Glen Williams) Improvements. In 2023, Council approved an additional capital budget of \$2,051,000 for project 6200-16-1004 for the bridge construction phase of Main Street (Glen Williams) Improvements resulting in a total approved capital budget of \$2,701,000.

As presented in the table below, at the end of 2023, project 6200-16-1004 has a remaining capital budget of \$2,129,624.43 after previous commitments. The project costs will include engineering services provided by GHD Ltd. totalling \$750,578 plus \$13,210 non-recoverable HST at 1.76%. The total estimated project cost of \$763,788 can be fully funded within the approved budgets and any remaining funds will be applied to the future construction phase of the replacement bridge. Additional funding requests will be addressed through the 2025 capital budget process.

<b>Description</b>	<b>Amount</b>
<b>Approved Budget</b>	<b>2,701,000</b>
Previously committed expenses	571,376
Current balance	2,129,624
<b>Estimated Expenses</b>	
GHD Ltd.	
Engineering services	566,771
Provisional contract administration and inspection services	183,807
Non-recoverable HST (1.76%)	13,210
Total estimated expenses	763,788
<b>Remaining Budget</b>	<b>1,365,836</b>

Reviewed and approved by,

Bethany Yew, Manager of Purchasing

Moya Jane Leighton, Director of Finance & Town Treasurer

Mike Donnelly, Director of Engineering & Construction

Bill Andrews, Commissioner of Transportation & Public Works

Chris Mills, Chief Administrative Officer