

**Date:** Wednesday, March 19, 2025

**Meeting Type: Council**

**From: Kevin Verkindt, Manager, Engineering and Infrastructure**

**Subject: Award of Contract for the Replacement of Emery's Bridge**

**Report#:DEV-2025-22**

This document and its attachments are public and available in an accessible format upon request.

## **Recommendation**

THAT Staff Report DEV-2025-022, Award of Contract for the Replacement of Emery's Bridge, be received;

AND THAT a contract with the firm of KB Civil Constructors Inc. for Request for Tender 2025-01 in the amount of \$1,065,989.00 (excluding HST) be awarded.

AND THAT the Mayor and Clerk be authorized to execute a contract for services.

## **Background**

Structure S-003, known as Emery's Bridge is a Cast In Place Concrete Girder single lane bridge that was built in 1950s. The bridge has an approximate span of 11.3 m across Indian Creek with a posted capacity limit of 9 tonnes.

Every OSIM inspection since 2014 has identified significant structural defects in the bridge and recommended replacement. The 2022 OSIM inspection identified that Emery's Bridge, was in a state of disrepair with bridge deck and abutment failure and a subsequent inspection identified that the structure had failed; ultimately, the bridge was closed and is currently blocked for through access.

On April 17, 2024, staff presented Staff Report DEV2024-023 regarding the design considerations for Emery's Bridge to the Committee of the Whole (COW). During the presentation, staff outlined various options for the bridge, including permanently closing it, replacing it with a single-lane bridge, or replacing it with a two-lane bridge. After thorough discussion, Council decided to proceed with the design of a single-lane bridge and authorized staff to enter into negotiations with GEI Consultants for a single-source contract to advance the project's design. As noted in the following motion:

COW2024-038

*Moved By: Councillor Rick Winters*

*Seconded By: Councillor Cathy Moore Coburn*

*THAT Council receive Staff Report DEV2024-024, entitled “Emery’s Bridge Design Considerations”;*

*AND THAT Council adopt Alternative B: Replace with a Single Lane Bridge;*

*AND THAT Council direct staff to enter into negotiations with GM BluePlan for a single-source contract.*

*Approved*

On June 5, 2024, staff presented Staff Report DEV2024-035, outlining a single-source contract with GEI Consultants to advance the detailed design, including preliminary and final drawings, as well as tender administration and construction oversight. Following the presentation, Council approved the motion, allowing GEI to move forward with the detailed design and tender administration. This approval enabled staff to open the tender promptly and keep the project on schedule. That Motion is noted below:

COW2024-056

*Moved By: Councillor Rick Winters*

*Seconded By: Deputy Mayor Grant Pringle*

*THAT Council receive Staff Report DEV2024-035, entitled “Award of Single-Source Contract for Engineering Services for the Replacement of Emery’s Bridge.”*

*AND That Council waive Section 4.1 Limits of By-Law 2019-047 Purchasing Policy to authorize a single-source contract;*

*AND THAT a single-source contract with the engineering firm GEI Consultants in the amount of \$243,200 (excluding HST) be awarded;*

*AND THAT the Mayor and Clerk be authorized to execute a contract for services.*

*Approved*

The “Issued for Tender” drawing package, detailing the preferred bridge design is also included as an attachment to this report.

## **Analysis**

Request for Tender (RFT) Number 2025-01 included the replacement of Emery’s Bridge, Structure S-003. The bidding opportunity was issued on Thursday, January 30,

2025 with a closing date of Wednesday, February 26, 2025. All tenders were opened at the Township of Georgian Bluffs Administration Building.

32 companies registered to obtain bid packages, and four (4) bids were received at the time of tender closing.

Table 1 – Summary of Tender Submissions

Bidder Name	Bid Price \$ (Excluding Taxes)
McLean Taylor Construction	2,101,749.18
KB Civil Constructors Inc.	1,065,989.00
2274084 Ontario Ltd. GMP Contracting	1,288,087.76
Lancoa Contracting Inc.	1,636,664.00

The bids were further reviewed by staff and GEI Consultants, to confirm compliance with policies and procedures. All bids were deemed compliant.

The lowest bid in the amount of \$1,065,989.00 (excluding HST) was submitted by KB Civil Constructors Inc.

Table 2 - Breakdown of the Project Costs:

Item	(\$)
Low Tender including contingency	1,065,989.00
Non-Refundable Portion of HST (Tender Value)	18,761.41
<b>Total Project Cost</b>	<b>1,084,750.41</b>

## Financial Impact

The 2025 budget included \$1,804,000 for Emery Bridge design, contract management and construction to be funded from the Bridges Reserve.

GEI work was awarded by Council in 2024 at a total cost of \$247,480 (inclusive of non-refundable HST).

Staff are recommending award to KB Civil Contractors Inc. at a total cost of \$1,084,750.41 (inclusive of non-refundable HST).

At this time, staff anticipate the bridge to be completed approximately \$470,000.00 under budget with the underspent funds to remain in the Bridges Reserve for future capital projects.

## **Strategic Lenses**

### **Enhancing Infrastructure: Building for Today and Tomorrow**

Replacement of Emery Bridge reflect a commitment to implement a 10-year asset renewal program for bridges and through its design, a commitment to addressing the impacts of Climate Change, building climate change resilient infrastructure.

### **Diversity Equity, Inclusion and Belonging**

In developing a design for Emery's Bridge staff have incorporated feedback from community living on, around and making use of the bridge to support livelihoods. Noted in particular in this feedback was the importance of this connection for agricultural use and the desire to ensure width capacity to accommodate larger agricultural vehicles. While maintaining the single lane nature, a design is proposed that provides significant additional width clearance and removes load restrictions previously in place. The replacement bridge has been designed thoughtfully and in response to community feedback to ensure that it provides and supports community use.

### **Truth and Reconciliation**

In undertaking the background work, engagement with Saugeen Ojibway Nation has occurred and archeological works have been completed.

### **Climate Change**

When replacing a bridge, climate change considerations are crucial to ensure the new structure is resilient to the changing environmental conditions. Extreme weather events, such as heavy rainfall, flooding, and temperature fluctuations, are becoming more frequent and intense due to climate change. These factors can significantly impact the lifespan and stability of infrastructure. In the case of a bridge replacement, design modifications may include elevating the bridge to accommodate higher floodwaters, and using materials resistant to corrosion caused by increased humidity or salt exposure. By factoring in these climate-related risks, the new bridge can better serve the community over the long term, ensuring both safety and sustainability.

## **Conclusion**

Staff and GEI Consultants recommends that KB Civil Constructors Inc. be awarded Request for Tender 2025-01 Replacement of Emery's Bridge in the amount of \$1,065,989.00 (excluding HST).



**Georgian Bluffs**

DEEPLY ROOTED. SUSTAINABLY GROWING.

Respectfully Submitted:

Kevin Verkindt, Manager, Engineering and Infrastructure

### Report Approval Details

Document Title:	Award of Contract for the Replacement of Emery's Bridge.docx
Attachments:	<ul style="list-style-type: none"> <li>- Attachment 1 - Replacement of Emery's Bridge Map.pdf</li> <li>- Attachment 2 - Issued For Tender Drawing Package.pdf</li> </ul>
Final Approval Date:	Mar 11, 2025

This report and all of its attachments were approved and signed as outlined below:

Michael Benner, Director of Development and Infrastructure

Niall Loble, Chief Administrative Officer