



## Council Report

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**Report Number:** PUR2023-031  
**Meeting Date:** September 26, 2023  
**Title:** 2023-83-CQ Rainbow Bridge Replacement  
**Author and Title:** Linda Lee, Buyer  
Corby Purdy, Manager, Infrastructure, Design and Construction

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### Recommendation(s):

**That** Report PUR2023-031, 2023-83-CQ Rainbow Bridge Replacement, be received;

**That** Ratcliff Excavating & Grading be awarded Request for Quotation 2023-83-CQ Rainbow Bridge Replacement for the amount quoted of \$1,180,465.00 not including HST;

**That** DM Wills be awarded the Contract Administration and Inspection in the amount of \$120,610.00 (not including HST), to be funded from the Capital Contingency Reserve (1.32248);

**That** the remaining additional financing required to complete the construction of the Rainbow Bridge (983230101) of \$108,355.00 be funded from the Capital Contingency Reserve (1.32248);

**That** subject to receipt of the required documents, the Director of Engineering and Corporate Assets be authorized to execute the agreement, and;

**That** the Engineering and Corporate Assets Department be authorized to issue a purchase order.

**Department Head:** \_\_\_\_\_

**Financial/Legal/HR/Other:** \_\_\_\_\_

**Chief Administrative Officer:** \_\_\_\_\_

## **Background:**

The 2023 Capital Budget Program 9832301 Bridges identified three (3) bridges for replacement and two (2) bridges for design. Rainbow Bridge (983230101) was identified for replacement.

DM Wills Associates Limited was awarded Engineering Design Services of Rainbow Bridge under Report PAR2022-039. During the design process DM Wills Associates Limited and staff conducted one (1) public consultation meeting with local residents and interested members of the public.

The following is a brief description of the work:

- Traffic control activities for full closure of Rainbow Pedestrian Bridge
- Supply and install environmental/watercourse protection system
- Supply and install dewatering system to allow construction completion in the dry
- Excavate and remove existing bridge and concrete pier footings
- Construct new concrete abutments
- Design, fabricate, deliver, assemble, and install new 2.4m wide prefabricated truss bridge
- Grade approaches to new bridge elevation
- Backfill excavation and restore disturbed areas
- Install new railing along trail approaches

Request for Quotation 2023-83-CQ Rainbow Bridge Replacement was issued in accordance with the Procurement Policy. The quotation was opened electronically on August 31, 2023 with the following results:

<b>Company Name</b>	<b>Price</b>
Ratcliff Excavating & Grading	\$1,180,465.00
Fidelity Engineering & Construction Inc.	\$1,444,146.00
Urbanlink Civil Ltd.	\$1,517,500.00
GMP Contracting (2274084 Ontario Ltd)	\$1,571,218.94
Looby Builders (Dublin) Limited	\$1,764,591.52
PERFORMCrete Inc.	\$1,799,999.99
HugoMB Contracting Inc.	\$1,944,900.00
Bronte Construction (2220742 Ontario Ltd)	\$2,015,375.00

GIP Construction and Materials Limited (Aecon)	\$2,110,776.35
Clearwater Structures Inc.	\$2,154,299.00

### **Rationale:**

DM Wills identified Rainbow Bridge required replacement in their report from the formal procurement conducted in 2022 (2022-69-CQ Engineering Services for the Rainbow Bridge Replacement). As a result of the Engineering Design Services conducted by DM Wills in 2022, staff is recommending that Ratcliff Excavating & Grading be awarded Request for Quotation 2023-83-CQ Rainbow Bridge Replacement for the amount of \$1,180,465.00 not including HST.

### **Other Alternatives Considered:**

No other alternative is being recommended as a competitive procurement process was issued and the lowest compliant bidder is being recommended.

### **Alignment to Strategic Priorities**

The recommendation in the report contributes to Council's adopted strategic plan namely:

1. Healthy Environment
2. An Exceptional Quality of Life
3. A Vibrant and Growing Economy
4. Good Government

### **Financial/Operation Impacts:**

Financing for 2023-83-CQ Rainbow Bridge Replacement was included in the 2023 Capital Budget.

Project Number	Project Budget	Other Committed Funds *see below	Project Balance	Purchase Amount (excl. HST)	15% Contingency	HST Payable	5% Staff Time	Project Balance
983230101	\$1,000,000	\$1,487	\$998,513	\$1,180,465	\$177,070	\$23,894	\$59,023	(\$441,939)
983230102	\$859,000	\$672,413	\$186,587	\$0	\$0	\$0	\$0	\$186,587
983230103	\$331,000	\$184,003	\$146,997	\$0	\$0	\$0	\$0	\$146,997
<b>Totals</b>	<b>\$2,190,000</b>	<b>\$857,903</b>	<b>\$1,332,097</b>	<b>\$1,180,465</b>	<b>\$177,070</b>	<b>\$23,894</b>	<b>\$59,023</b>	<b>(\$108,355)</b>

Other committed funds include the construction awards for both Hartley Road Bridge and Ballyduff Road Bridge, which are expected to come in below budget. As a result, their surplus will be utilized to finance the deficit for the Rainbow Bridge.

Further, staff are recommending to award the Contract Administration and Inspection to DM Wills at a cost of \$120,610.00, therefore the total amount of financing required from the Capital Contingency Reserve (1.32248) will be \$228,965.00.

Operational impacts include Rail Trail closures for the duration of the bridge construction, warning signage and detours for trail users will be posted.

**Consultations:**

Executive Assistant – Engineering and Corporate Assets

Junior Accountant

Treasurer

Director of Community Services

Supervisor of Procurement

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

**Department File: 2023-83-CQ**