



## **Administrative Report**

### **Office of the Manager, Design and Construction**

**To:** Warden MacDonald and Members of Essex County Council

**From:** Karyn Templin, P.Eng.  
Manager, Design and Construction

**Date:** Wednesday, June 07, 2023

**Subject:** Tender Summary – Bridge Rehabilitation on County Road 11 – River Canard Bridge (B-11-14A)

**Report #:** 2023-0607-IPS-R18-KT

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#### **Purpose**

The purpose of this report is to provide County Council with information and recommendations pertaining to tender results for bridge rehabilitation work to be undertaken as part of the 2023 Rehabilitation Program.

#### **Background**

The approved 2023 Rehabilitation Program includes the rehabilitation of the River Canard Bridge on County Road 11, located between McGregor and County Road 12 and identified as B-11-14A.

The scope of work for this project includes a complete replacement of the deck, barrier walls and guiderail system. The waterproofing layer and asphalt wearing surface will also be replaced. The abutment walls, bearing seats and wingwalls will be rehabilitated to receive the new steel girders and semi-integral abutment that in turn support the deck.

A location map of the subject bridge is attached as Appendix 1.

#### **Discussion**

Bridge projects included in the County's rehabilitation program involve complex work requiring specialized operations for repair and rehabilitation of structural components in the vicinity of waterways and environmentally sensitive areas.

Of the fifteen prequalified contractors that were invited to bid on the project, the County received a total of four tender submissions. The tender results can be found in Table 1.

**Table 1: Tender Results**

<b>VENDOR</b>	<b>SUBMITTED VALUE (Excl. HST)</b>
<b>Front Construction Industries Inc.</b>	<b>\$1,448,577</b>
Sterling Ridge Infrastructure Inc.	\$1,585,044
Amico Infrastructures Inc.	\$2,278,905
Facca Incorporated	\$2,761,050

The e-tenders were reviewed for compliance and mathematical accuracy by the County's Procurement Department.

It is the opinion of this Administration that these tender submissions represent an appropriate understanding of the scope of work as tendered, and reasonably reflect industry costs at this time. Front Construction Industries Inc. is the low bidder for this project.

## **Financial Implications**

The low tender submission exceeds the Engineer's estimate. The financial breakdown is presented in Table 2. Further to a review of the two lowest tender submissions, the price provided is appropriate for the work, and the 15% exceedance is reasonable.

Administration recommends that the estimated variance of \$239,072 can be managed within the 2023 Budget by utilizing the surplus funds from the previously approved Road Rehabilitation contracts.

Four more bridge/culvert reconstruction projects are forthcoming. Administration will continue to prioritize projects and cautiously proceed with tendering as we move the rehabilitation program forward.

All amounts shown include Net HST.

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**Table 2: Financial Breakdown**

<b>ITEM</b>	<b>AMOUNT (Incl. Net HST)</b>
Contract Price	\$1,474,072
Misc. Expenditures (inspection, quality control, etc.)	\$50,000
<b>Sub Total</b>	<b>\$1,524,072</b>
2023 Budget for B-11-14A	\$1,285,000
<b>Variance</b>	<b>\$239,072</b>

### **Consultations**

Preparation of the subject tender documents was completed by Haddad Morgan and Associates, in consultation with the Offices of Infrastructure and Planning Services, Procurement, Finance and Legal.

### **Recommendation**

That Essex County Council receive report 2023-0607-IPS-R18-KT, Bridge Rehabilitation on County Road 11 – River Canard Bridge (B-11-14A) and award the contract to Front Construction Industries for a total tender amount of \$1,448,577 (plus applicable taxes).

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## Approvals

Respectfully Submitted,

*Karyn Templin*

Karyn Templin, P. Eng., Manager, Design and Construction

Concurred With,

*Allan Botham*

Allan Botham, P.Eng., Director, Infrastructure and Planning Services

Concurred With,

*Mary Birch*

Mary Birch, Interim Chief Administrative Officer

<b>Appendix Number</b>	<b>Title</b>
Appendix A	Report Location Map