



Administrative Report

Office of the Director, Infrastructure & Planning Services

To: Warden McNamara and Members of Essex County Council

From: Allan Botham, P.Eng.
Director, Infrastructure & Planning Services

Date: Wednesday, April 06, 2022

Subject: Tender Summary – County Road 50, Bridge Over Wigle Creek (B-50-27)

Report #: 2022-0406-ISD-R09-AB

Purpose

The purpose of this report is to provide County Council information and recommendations pertaining to tender results for a bridge rehabilitation project to be undertaken as part of the 2022 Rehabilitation Program.

Background

The approved 2022 Rehabilitation Program includes the rehabilitation of the County Road 50 bridge over the Wigle Creek (B-50-27).

The scope of work on this project includes removal of the exterior girders, replacement of the expansion joint seal, repairs to the concrete abutments, replacement of the asphalt wearing surface and upgrading of the guiderail.

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

Discussion

Bridge projects included in the 2022 Rehabilitation Program involve complex work requiring specialized operations for repair and rehabilitation of the bridge super structures over navigable waterways, with some located within provincially significant wetlands.

Recognizing the complex and sensitive nature of the work, a prequalification process for a contractor was utilized. Fifteen firms met the prequalification

requirements and were subsequently invited to submit e-tenders for the project. The contracts provide liquidated damages intended to provide schedule compliance. The proposed works will require a full road closure of County Road 50 for a period of 6 weeks and a road detour will be implemented.

Tender results are presented in Table 1. The low tender price is higher than the Engineer's estimate, but within the project budget. Construction of the proposed works is anticipated to commence in late July, and is in compliance with all environmental permits.

County Road 50 – Bridge over Wigle Creek (B-50-27)

Table 1

Vendor	Submitted Value (Excl. HST)
Engineer's Estimate	\$376,000.00
Sterling Ridge Infrastructure Inc.	\$397,500.00
Intrepid General Limited	\$401,127.90
Front Construction Industries Inc.	\$402,300.00
Facca Incorporated	\$524,655.00

The e-tenders were reviewed for mathematical accuracy and compliance with specifications. There were no errors in the tender submissions.

Financial Implications

The lowest tender is greater than the Engineer’s estimate but within the approved funding in the 2022 budget.

Table 2

Item	Amount (Incl Net HST)
Sterling Ridge Tender Price	\$404,486
Miscellaneous Expenditures during construction (Inspection, Quality Control, etc.)	\$45,000
Sub-total	\$449,486
2022 Budget Bridge B-50-27	\$450,000
Variance	(\$514)

Consultations

Preparation of the subject tender was completed in consultation with the Office of Procurement and Compliance.

Recommendation

That Essex County Council approve report 2022-0406-ISD-R09-AB, Tender Summary – County Road 50, Bridge Over Wigle Creek (B-50-27), and award the contract Sterling Ridge Infrastructure Inc. for a total tender amount of \$397,500.00, plus H.S.T.

Approvals

Respectfully Submitted,

Allan Botham

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

Concurred With,

Mike Galloway

Mike Galloway, MBA, CMO, Chief Administrative Officer

Appendix Number	Title
Appendix A	Report Location Map