



## **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, July 20, 2022

**Subject:** Tender Summary – Culvert Replacement on County Road 12 at Essex Outlet Drain (C-12-106)

**Report #:** 2022-0720-ISD-R20-AB

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#### **Purpose**

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

#### **Background**

The approved 2022 State of Good Repair Program includes the rehabilitation of the County Road 12 Culvert over the Essex Outlet Drain (C-12-106). Included in the subject project is the complete removal of the existing concrete culvert, the installation of a new precast concrete box culvert, installation of precast block wingwalls and replacement of the asphalt wearing surface.

A location map of the subject culvert project is attached in Appendix A.

#### **Discussion**

A full road closure of County Road 12 is required to complete the proposed works safely and efficiently. County Road 12 will be closed for a period of approximately four (4) weeks during which time a road detour will be implemented.

Construction at the site is anticipated to commence in October, when the fabrication of the precast culvert units is complete.

In an effort to obtain the most cost-effective pricing for the proposed work, two options were provided to the bidders. Option A specified a precast concrete culvert, and Option B specified a cast-in-place concrete culvert.

Tender results are presented in Table 1.

**Table 1**

<b>Vendor</b>	<b>Submitted Value (excluding HST)</b>
Southshore Contracting of Essex County Inc. (Precast)	\$589,680
Front Construction Industries Inc. (Cast-in-place)	\$621,700
SheaRock Construction Group Inc. (Precast)	\$831,975
Neptune Security Services Inc. (Precast)	\$891,930
Enscon Ltd. (Precast)	\$998,600
Enscon Ltd. (Cast-in-place)	\$1,009,675

E-tenders were reviewed for mathematical accuracy and compliance by the Office of Procurement & Compliance.

## **Financial Implications**

The lowest tender price plus miscellaneous costs during construction is higher than the budgeted cost of \$590,000 (please refer to Table 2).

Administration is projecting a favourable variance of \$38,602 against the total 2022 bridge and culvert rehabilitation budget of \$3,844,200, and recommends that a contract be awarded to the low tenderer for construction.

**Table 2**

<b>Item</b>	<b>Amount (Including Net HST) *</b>
Southshore Contracting of Essex County Inc. Tender Price	<b>\$600,058</b>
Miscellaneous Expenditures during construction (Inspection, Quality Control, etc.)	<b>\$60,000</b>
<b>Sub-total</b>	<b>\$660,058</b>
<b>2022 Budget Culvert C-12-106</b>	<b>\$590,000</b>
<b>Project Variance</b>	<b>-\$70,680</b>
<b>Overall 2022 Bridge and Culvert Budget</b>	<b>\$3,844,200</b>
<b>Current June Projection (tendered/awarded)</b>	<b>\$3,805,598</b>
<b>Bridge and Culvert Variance</b>	<b>\$38,602</b>

\* Note: The County receives rebates for much of the HST added to the cost of construction projects, but remain responsible for a small portion. The Amount (Including Net HST) includes the small portion, and represents the true impact to the budget.

## **Consultations**

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

## **Recommendation**

That Essex County Council receive report number 2022-0720-ISD-R20-AB and award a contract for the County Road 12 Culvert over Essex Outlet Drain (C-12-106) to Southshore Contracting of Essex County Inc., in the amount of \$589,680 (plus applicable taxes).

## Approvals

Respectfully Submitted,

*Allan Botham*

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

Concurred With,

*Mike Galloway*

Mike Galloway, MBA, CMO, Chief Administrative Officer

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