



PUBLIC WORKS AND ENGINEERING

Staff Report

REPORT NO: PWE 2022-15

TO: Council

SUBMITTED BY: Jeff Molenhuis, P. Eng., Director of Public Works and Engineering

PREPARED BY: Mark Jeffery CET, Senior Engineering Technologist

REVIEWED BY: Sharon Chambers, CAO

DATE: April 25, 2022

SUBJECT: Tye Road #28 C/T-13 Culvert Replacement – Award of Contract

RECOMMENDATION:

THAT Report PWE 2022-15 Tye Road #28 C/T-13 Culvert Replacement be received for information purposes; and further,

THAT Council award RFT 2022-03 Tye Road #28/T-13 Culvert Replacement to Cox Construction Limited, as per their bid submission dated March 30, 2022, in the amount of \$408,919.99 plus HST.

SUMMARY:

This report outlines the procurement processes and recommends award of tender to Cox Construction Limited of Guelph for replacement of the Tye Road #28/C T-13 twin culvert structure. The bid process also included restoration works for the outlet and sediment basin for the Fairview Street culvert, in New Hamburg.

BACKGROUND:

The 2017 and 2019 bi-annual regulatory bridge safety inspections (OSIM) identified the Tye Road twin culvert structure, #28/C T-13, to be in an advancing state of poor condition and in need of replacement. The roadside safety deficiencies also included in the recent OSIM inspection reports for this structure identified the need of a guiderail system to be installed to protect vehicles from the roadside hazards identified at this same location.

The restoration and rehabilitation to the outlet structure and sediment basin at the Fairview Street culvert was identified by staff to be restored during the Township's Asset Management Data Collection Program for storm sewer assets completed in 2021.

REPORT:

On March 4, 2022, the tender document was made available online through the Township's e-bidding site. There was a total of eighteen (18) plan takers, with a total of three (3) bids received at time of close on March 30, 2022.

The lowest bid received was from Cox Construction Limited of Guelph, ON at a cost of \$408,919.99 plus HST. The low bidder has provided the appropriate bid bond documentation.

Results of the bids received are summarized below:

Bidder	Location	Bid Amount
Cox Construction Limited	Guelph, ON	\$ 408,919.99
Enscon Ltd	North York, ON	\$ 486,557.00
Master Utility Division Inc	Sutton West, ON	\$ 542,545.00
AVERAGE BID		\$ 479,340.66

The above figures do not include HST. The bids include a \$40,000 contingency allowance for material testing and any unforeseen expenses encountered during construction.

The works for Tye Road have been specified to include a single lane open during the course of construction. Due to the restriction of in-water works for this watercourse, construction is not permitted to commence until after July 15th, and we anticipate all works will be completed by the end of August. However, once the successful contractor's schedule has been confirmed an update will be provided through Communications.

ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

This initiative supports the goals and strategies of enhancing:

- Quality of Life through Active Transportation and Transit investments; and

- Responsible Governance through Active Communications, Fiscal Responsibility and Infrastructure Investments.

ACTIONS TOWARDS UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS:

- Goal 9: Industry, Innovation, and Infrastructure
- Goal 11: Sustainable Cities and Communities

FINANCIAL CONSIDERATIONS:

The capital budget allocations for this project are outlined below:

Funding Source	Amount
Canada Community Building Fund (CCBF)	\$ 119,000
External Debt Financing	306,000
Fairview Culvert Repair - Minor Capital (Accrual)	\$ 9,500
Total Budget	\$ 434,500

Given the tender amount of \$416,116.98 net of HST rebate, Tender RFT 2022-03, Tye Road #28/C T-13 culvert replacement and Fairview Street culvert works is anticipated to remain within the budget allocation for the year.

The debt financing component will be incorporated into the Township's Debt Management and Reserve Fund Strategy, set to commence in the spring 2022.

ATTACHMENTS:

None