

Municipality of Chatham-Kent
Infrastructure and Engineering Services
Engineering Division

To: Mayor and Members of Council

From: Brendan Falkner, P. Eng.
Manager, Engineering

Date: June 2, 2023

Subject: Tender Award – Contract T23-107 – Concrete Curb Repair Program

Recommendations

It is recommended that:

1. The tender award in the amount of \$1,689,350.00 (including HST) for Concrete Curb Repair Program be awarded to Giorgi Bros. (1994) Inc.
2. The Mayor and Clerk be authorized to sign the necessary agreement.

Background

There are approximately 615 km of concrete curb in the Municipality of Chatham-Kent. In 2020, StreetScan used a vehicle equipped with 3D imaging technology to measure the type and extent of various surface defects to derive a Pavement Condition Index (PCI) value for each road segment. This data has been used to identify suitable candidates for various pavement maintenance and rehabilitation contracts.

Road segments that are scheduled for rehabilitation that have curb are reviewed to assess their condition. This contract includes the replacement of curbs to maintain proper drainage and prolong the life of the pavement.

Comments

The Concrete Curb Repair Program provides for the removal and replacement of existing curbs throughout Chatham-Kent, as well as improvements to the drainage on the road. A list of the curb sections to be replaced in this contract can be found in Appendix A.

A preliminary list of roads to be replaced was generated using the PCI ratings provided by StreetScan. A field inspection was conducted to verify the condition rating and to ensure that the replacement of the curbs incorporate the necessary improvements.

The Engineering and Public Works Divisions were consulted during the draft stages of this list to ensure these rehabilitations did not conflict with planned bridge, culvert, underground infrastructure, or utility projects.

In accordance with Purchasing By-law #166-2020, the purchasing tender was advertised on May 5, 2023, and closed on May 19, 2023. A total of 6 potential bidding contractors (including contractors, sub-contractors, and suppliers) obtained a copy of the contract document from the Chatham-Kent Bids & Tenders website and 3 tender bids were submitted. The bid results and ranking are outlined in Table 1.

Table 1: Bid Results for T23-135 – Concrete Curb Repair Program

Rank	Bidder	Location	Amount (incl. HST)
1	Giorgi Bros (1994) Inc.	Windsor, Ontario	\$1,689,350.00
2	Autoform Contracting London Ltd.	London, Ontario	\$1,731,159.44
3	Royal Crown Construction	Caledon, Ontario	\$2,124,397.62

The Engineering and Transportation Division has reviewed the tenders and found them to be complete in all respects. It is the recommendation herein that the contract be awarded to Giorgi Bros. (1994) Inc., who submitted the lowest tender bid.

Areas of Strategic Focus

This report supports the following areas of strategic focus:

			
Economic Prosperity	Healthy & Safe Community	People & Culture	Environmental Sustainability
1.1			

Consultation

The Public Works Division was consulted during the preparation of this contract. The tenders were received by Purchasing and reviewed by the Engineering Division.

Communication

The tender documents were posted on the Bids & Tenders website for prospective contractors to review. Unsuccessful bidders will be notified by the Purchasing Division through the Bids & Tenders website.

Prior to construction, a letter will be sent to property owners that will be directly impacted. This letter will provide details on how the construction will affect their property, particularly regarding their driveway access. Road construction signage will be implemented in accordance with the Ontario Traffic Manual Book 7 to inform residents of traffic impacts. Road closure notices will be issued for any roads required to be closed, because of the work associated with this contract.

Diversity, Equity, Inclusion and Justice (DEIJ)

The replacement of curbs and roadways fosters inclusion by creating a more accessible and accommodating environments for all residents.

Financial Implications

Table 2: Recommended Costs and Funding Summary

Description	Total
A) Recommended Costs	
Recommended Tender	\$1,495,000.00
Plus 13% HST	\$194,350.00
Total Cost (with HST)	\$1,689,350.00
Less 11.24% HST	(\$168,038.00)
Total Recommended Costs	\$1,521,312.00
B) Recommended Funding	
Curb Lifecycle Reserve (41%)	\$625,000.00
OCIF (59%)	\$896,312.00
Total Recommended Funding	\$1,521,312.00

The lowest tender bid, submitted by Giorgi Bros (1994) Inc. was within the budget estimate.

Funds from the Ontario Community infrastructure Fund (OCIF) are distributed to support small, rural, and northern communities to renew and rehabilitate critical infrastructure.

Prepared by:

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Consulted and confirmed the content of the consultation section of the report by:

Jennifer Scherle, Manager, Purchasing and Accounts Payable

Ryan Brown, P.Eng., Director, Public Works

Attachment: Appendix A – Curb Replacement Locations