

Municipality of Chatham-Kent

Infrastructure and Engineering Services

Engineering and Transportation Division

To: Mayor and Members of Council

From: Mark McFadden, P.Eng.
Manager, Infrastructure Services

Date: May 21, 2020

Subject: Tender Award – Contract No. T20-107 2020 New and Replacement Sidewalk and Concrete Repair Program

Recommendations

It is recommended that:

1. The 2020 New and Replacement Sidewalk and Concrete Repair Program as described in Appendix A be approved.
2. The tender in the amount of \$727,125.79 including HST for the 2020 New and Replacement Sidewalk and Concrete Repair Program be awarded to Autoform Contracting London Limited and be funded from the approved 2020 Sidewalk Lifecycle & Capital Budget.
3. The Mayor and Clerk be authorized to sign the necessary agreement.

Background

Replacement Sidewalks

The Chatham-Kent Engineering and Transportation Division recently completed (2019) sidewalk condition ratings for all of Chatham-Kent. The rating system uses criteria of spauling, joint deflections, settlement, cracking and general overall appearance to determine a rating out of 100. The lower the rating, the more severe the deficiencies. The sections are then field checked with respect to usage, location, water-ponding and accessibility to finalize the repair and replacement list each year which is presented to Council. The ranking system provides a fair and unbiased assessment to ensure those sidewalk sections in most need of repair are dealt with using the available Lifecycle funding. This project involves the replacement of sidewalk, accessible ramps and curbs on various street sections throughout Chatham-Kent.

New Sidewalk Construction

Council at its regular meeting held on Monday, February 13, 2012, amended the Sidewalk Policy to reflect a change in the financial costing format and prioritized areas for initial construction where there were currently no sidewalks within the existing priority matrix. The priority matrix continues to assess the various sidewalk needs for arterial and collector roads with highest priority ranking given to areas with no alternative route and missing links sidewalks along with the other rating criteria.

Administration will be reviewing the Sidewalk Policy in the fall of 2020 with plans to report back to Council shortly after with recommendations for improvement and an overall update to the Policy.

The Municipal standards for sidewalk construction were updated and implemented in 2007 to enhance accessibility standards. These standards were developed in consultation with the Chatham-Kent Accessibility Advisory Committee and continue to be applied to all new and replacement Municipal sidewalk construction since 2007 throughout Chatham-Kent.

Comments

The sidewalks being constructed under the 2020 Replacement Sidewalk and Concrete Repair Project are listed in Appendix A.

During 2020 budget deliberations Council approved \$50,000.00 to go towards new sidewalks as part of the 2020 Capital Plan. The Engineering Department is proposing a new sidewalk along the north side of King Street West to connect to the existing sidewalk. The new sidewalk will promote accessibility to Riverview Gardens, the public school and transit route.

The new sidewalk along the North side of King Street West is recommended to be part of the 2020 New and Replacement Sidewalk Contract based on budget, as well as its ranking in the sidewalk prioritization matrix. The criteria and weighting for the prioritization matrix formed part of the Council approved Sidewalk Policy (Amended February 2012). Under this policy, all roads classified as collector or arterial were reviewed and included in this prioritization matrix. Local roads have also been added as requested by residents or Council. Below is the list of criteria used in the prioritization matrix.

Prioritization Criteria	Points (Weighting)
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Peak Hour Pedestrian Volume

> 20	20
5 to 20	10
< 5	0

Daily Vehicle Volumes

> 5000	20
1500 – 5000	10
< 1500	0

School Travel Planning (STP/ASRTS)

Yes	20
No	0

Proximity to Transit

<i>Along Transit Route</i>	10
<i>< 200 m</i>	5
<i>> 200 m</i>	0

Network Continuity

<i>Removes a missing link</i>	10
<i>Connects to existing S/W network</i>	5
<i>Does not connect to existing S/W network</i>	0

Serves a Pedestrian Generator (School/Community Centre, etc.)

Yes	10
No	0

Alternate Route Available

No	10
Yes	0

Illumination

No	5
Yes	0

The Public Works Managers (North and South) along with the staff of Engineering and Transportation Division reviewed these sections of sidewalk identified for either new construction or improvement. This review has confirmed the ratings, improvement or construction type and features that affect their choice as proposed projects. Any conflicts with future road, water main and sewer improvements required to be completed either prior to or coordinated with were identified and the list adjusted accordingly.

The engineering, contract administration, and inspection on this project are being carried out by the Engineering and Transportation Division.

Four (4) contractors submitted tenders for the project and bidding was an open competitive process. The Purchasing Officer received and opened tenders for the work on Thursday, May 21, 2020. The results are as follows:

**Tender: Contract T20-107 2020 New and Replacement Sidewalk
and Concrete Repair Program**

Rank	Contractor	Amount (excl. HST)	Amount (incl. HST)
1	Autoform Contracting London Limited	\$ 643,474.15	\$ 727,125.79
2	Giorgi Bros.	\$ 834,900.00	\$ 943,437.00
3	Neptune Security Services Inc.	\$ 1,161,200.00	\$ 1,312,156.00
4	Signature Contractors	\$ 1,569,205.00	\$ 1,773,201.65

There were small math errors in the bids submitted from Autoform and Neptune Security Services that did not affect the overall ranking. All other tenders were in order and complete. It is recommended that the contract be awarded to the low tenderer, Autoform Contracting London Limited.

The project costs are summarized in the Financial Implications section of this report.

Areas of Strategic Focus and Critical Success Factors

The recommendations in this report support the following areas of strategic focus:

- Economic Prosperity:
Chatham-Kent is an innovative and thriving community with a diversified economy
- A Healthy and Safe Community:
Chatham-Kent is a healthy and safe community with sustainable population growth
- People and Culture:
Chatham-Kent is recognized as a culturally vibrant, dynamic, and creative community
- Environmental Sustainability:
Chatham-Kent is a community that is environmentally sustainable and promotes stewardship of our natural resources

The recommendations in this report support the following critical success factors:

- Financial Sustainability:
The Corporation of the Municipality of Chatham-Kent is financially sustainable
- Open, Transparent and Effective Governance:
The Corporation of the Municipality of Chatham-Kent is open, transparent and effectively governed with efficient and bold, visionary leadership

- Has the potential to support all areas of strategic focus & critical success factors
- Neutral issues (does not support negatively or positively)

Consultation

The tenders were opened by the Purchasing Officer and reviewed by the Engineering and Transportation Division. The Managers of Public Works (North and South) were also consulted on the Sidewalk Replacement Program list.

Financial Implications

The project is being funded from the approved 2020 Sidewalk Lifecycle & Capital Budget.

The project summary is as follows:

Contract T20-107, 2020 New and Replacement Sidewalk and Concrete Repair Program

A) Project Costs	
Low Tender	\$643,474.15
Plus HST 13%	\$83,651.64
Less HST Rebate 11.24%	-\$72,326.49
Project Total	\$654,799.30
B) Project Funding	
Lifecycle Budget (92.4%)	\$604,799.30
Capital Budget (7.6%)	\$50,000.00
Grand Total	\$654,799.30
Funding Total	\$654,799.30

The original estimate for the New and Replacement Sidewalk and Concrete Repair Program was within 1% of the low bid submitted for the contract.

Prepared by:

Reviewed by:

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

Jennifer Scherle
Purchasing Officer
Financial Services

Attachment: Appendix A – T20-107 2020 New and Replacement Sidewalk and Concrete Repair Program

- c. Purchasing Officer, Financial Services
 - Director, Financial Services
 - Manager, Public Works North
 - Manager, Public Works South

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Appendix A - 2020 New and Replacement Sidewalk and Concrete Repair Program, Contract T20-107

REPLACEMENT SIDEWALKS					
Community	Location	From Street	To Street	Side	Size of Repair
CHATHAM	HARVEY	LACROIX	WEST	NORTH/SOUTH	FULL BLOCK
	MURRAY	PRINCESS	EAST END	SOUTH	FULL BLOCK
	ST GEORGE	PARK	ST PATRICK	EAST	FULL BLOCK
	KING ST WEST	SECOND	FIRST	NORTH	FULL BLOCK
	STONE	ST CLAIR	URSULINE	SOUTH	FULL BLOCK
	VARIOUS SPOT REPAIRS IN CHATHAM				
WALLACEBURG	BLAKE	SELKIRK	FRASER	SOUTH	FULL BLOCK
	EARL	ALBERT	MURRAY	SOUTH	FULL BLOCK
	MURRAY	BRUCE	WALLACE	WEST	FULL BLOCK
	ENGLISH	WALLACE	GILLARD	EAST	FULL BLOCK
	VARIOUS SPOT REPAIRS IN WALLACEBURG				
RIDGETOWN	YORK	ALBERT	VICTORIA	SOUTH	FULL BLOCK
	MAIN	WEST	KING	NORTH	FULL BLOCK
	MORGAN	ERIE	WEST LIMIT	SOUTH	FULL BLOCK
	VARIOUS SPOT REPAIRS IN RIDGETOWN				
BLENHEIM	KING	SNOW	REGENT	NORTH	FULL BLOCK
	VARIOUS SPOT REPAIRS IN BLENHEIM				
TILBURY	CATHCART	STEWART	FORT	WEST	FULL BLOCK
	CENTRE	END	HOUSE #8	SOUTH	FULL BLOCK
	VARIOUS SPOT REPAIRS IN TILBURY				