

Municipality of Chatham-Kent

Infrastructure and Engineering Services

Engineering and Transportation Division

To: Mayor and Members of Council

From: Mark McFadden, P.Eng.
Manager, Engineering (Traffic & Underground Infrastructure)

Date: April 16, 2021

Subject: Tender Award: Contract T20-201 - Galbraith Street Reconstruction,
Community of Chatham

Recommendations

It is recommended that:

1. The tender in the amount of \$987,620.00, including HST for the Galbraith Street Reconstruction, Community of Chatham be awarded to Clarke Construction Inc.
2. The Mayor and Clerk be authorized to sign the necessary agreement.

Background

The existing 250 mm diameter sanitary sewer on Galbraith Street was originally installed too shallow to allow private drain connections to be installed to the residential properties. As a result, the residences along Galbraith Street are all currently utilizing septic systems. As part of this reconstruction project, a new sanitary sewer will be installed at a proper depth to allow for private drain connections to be installed to the homes on Galbraith Street, eliminating the need for septic systems. There is no requirement to hook into the sewer and residents have been given the choice whether they want to pay to connect to the sewer at the time of construction, or at a higher cost in the future.

The existing 150 mm diameter cast iron watermain that was installed in the 1950s has experienced a number of breaks over the years and is due for replacement. The existing storm sewer was reviewed via CCTV and it was determined that the overall condition of the sewer was poor and that replacement of the sewer was the best course of action at this time. In addition, the asphalt road surface on Galbraith Street is in poor condition with a Pavement Condition Index (PCI) rating of less than 10.

HRYCAY Consulting Engineers Inc. (HCEI) is carrying out the engineering, contract administration and inspection on this project.

Comments

The sanitary sewer portion of this project consists of removing the existing sanitary sewer and installing approximately 240 metres of 250 mm diameter PVC sewer pipe at a deeper depth. A total of 4 manholes and 18 lateral service connections will be installed. Sanitary service connections will be installed to property line with a clean-out for any property that opts to pay to connect to the sanitary sewer. For any property that does not choose to hook into the sewer at this time, the sanitary sewer connection will be left short of the property line, for future use.

The storm sewer portion of this project consists of approximately 250 metres of 525 mm to 600 mm diameter precast concrete sewer pipe, 4 manholes and 6 catch basins, all to be replaced. A total of 18 lateral service connections will be installed.

The watermain portion of the project consists of upgrading the existing 150 mm diameter watermain with approximately 250 metres of 200 mm diameter PVC watermain. A total of 14 water services and 3 fire hydrants will be replaced.

A cul-de-sac bulb will be constructed at the current dead end of Galbraith Street. The concrete curbs and the paved road will also be replaced as part of the reconstruction.

The Purchasing Officer received and opened tenders for the work on Thursday, April 8, 2021. The results are as follows:

Bidder	Location	Bid (including HST)
Clarke Construction Inc.	Blenheim, ON	\$987,620.00
Henry Heyink Construction Ltd.	Chatham, ON	\$1,359,673.63
J&J Lepera Infrastructures Inc.	Windsor, ON	\$1,398,940.00

HCEI has reviewed the tenders and found them to be complete in all respects. It is the recommendation herein that the contract be awarded to Clarke Construction Inc. who submitted the lowest tender bid.

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 and by HRYCAY Consulting Engineers Inc.

Financial Implications

This project is being funded through the 2021 Watermain and Sanitary lifecycle budgets by the Public Utilities Commission, as well as the 2021 Road and Storm sewer lifecycle budgets.

The project summary is set out in the following table:

Financial Implications
T20-201 Galbraith Street Reconstruction, Community of Chatham
Project Costs

Description	Total
A) Project Costs	
Recommended Tender	\$874,000.00
Plus HST 13%	\$113,620.00
Less HST Rebate 11.24%	- \$98,237.60
Total Project Costs	\$889,382.40
B) Estimated Project Funding	
2021 PUC Watermain Lifecycle Budget – 25.4%	\$225,903.13
2021 PUC Sanitary Sewer Lifecycle Budget – 30.4%	\$270,372.25
Total PUC Funding	\$496,275.38
2021 CK Roads Lifecycle Budget – 11.0%	\$97,832.06
2021 CK Storm Sewer Lifecycle Budget – 33.2%	\$295,274.96
Total Municipality of Chatham-Kent Funding	\$393,107.02
Total Project Funding	\$889,382.40

The low tender bid submitted by Clarke Construction Inc. was within the budget estimate.

Prepared by:

Reviewed by:

Debbie Cooper, C.Tech
Engineering Technologist
Engineering and Transportation

Mark McFadden, P.Eng.
Manager, Engineering
Engineering and Transportation

Reviewed by:

Reviewed by:

Chris Thibert, P.Eng.
Director, Engineering
Engineering and Transportation

Thomas Kelly, P.Eng., MBA
General Manager
Infrastructure and Engineering Services

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

Tim Sunderland
General Manager
Chatham-Kent Public Utilities Commission

Jennifer Scherle
Purchasing Officer
Financial Services

Attachments: Appendix A – Consultant Recommendation Letter

(RTC:\Infrastructure & Engineering\I&ES\2020\4375 – Tender Award Contract T20-201
Galbraith Street Reconstruction, Community of Chatham

April 12, 2021

Via: E-mail

Ms. Debbie Cooper
The Municipality of Chatham-Kent
315 King Street West
Chatham, Ontario
N7L 5K8

Dear Ms. Cooper:

**Re: Galbraith Street Reconstruction
Contract No. T20-201
Recommendation for Construction Contract Award
HCEI File No. M441**

Overall Tender Results

The Reconstruction of Galbraith Street project was competitively tendered by the Municipality of Chatham-Kent during the period of March 22nd, 2021 to April 8th, 2021, and a total of three (3) tenders were received by 1:00 pm EDT on April 8th, 2021. The tender results were as follows from lowest to highest, including provisional items and HST:

- | | |
|----------------------------------|-----------------|
| • Clarke Construction Inc. | \$ 987,620.00 |
| • Henry Heyink Construction Ltd. | \$ 1,359,673.63 |
| • JJ Lepera Infrastructures Inc. | \$ 1,398,940.00 |

HCEI's tender cost estimate for this project was \$1,397,855.77 including HST. Two (2) of the three (3) tender values were lower than the estimated project cost.

Review of Tenderers Information

HCEI has conducted an evaluation of the three (3) tenders that were received. All submissions were complete and free from errors. There were no irregularities with the tenders that would require the Community of Chatham to disqualify any of them in accordance with the Tender Documents.



Tenderers Capability

Clarke Construction Inc. was the lowest bidder for this project. Clarke Construction Inc. has experience working on road reconstruction projects in the Municipality of Chatham-Kent.

HCEI reviewed all bids, and all accepted tenderers were well-qualified to successfully construct this project. Based on our review, Clarke Construction Inc. appears to be a qualified contractor for the construction of this project, along with being the lowest bidder.

Recommendation

Based on a review of the received tenders for the referenced project, HCEI recommends that this project be awarded to **Clarke Construction Inc.** for a value of **\$987,620.00**, including HST.

Please direct any questions or concerns to the undersigned at (519) 737-7234.

Yours truly,

HRYCAY Consulting Engineers Inc.



Scott Rahm, P.Eng.

SRR/as