

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: March 26, 2021

Subject: Tender Award: Contract T20-376, Wellington Street Reconstruction and Lacroix Street Watermain, Community of Chatham

Recommendations

It is recommended that:

1. The tender in the amount of \$3,329,567.60, including HST for the Wellington Street Reconstruction and Lacroix Street Watermain Replacement, Community of Chatham be awarded to J&J Lepera Infrastructures Inc.
2. The Mayor and Clerk be authorized to sign the necessary agreement.

Background

In the spring of 2017, Public Works received a complaint of a large sinkhole on Wellington Street in the roadway. After an inspection, it was determined that the combined sewer had failed at this location, causing the road to fail. At that time, it was determined that the overall condition of the sewer was poor and future failure was imminent. A temporary sewer repair was made, and it was determined that the infrastructure within the project area was due for replacement. The work along Wellington Street was originally planned to occur during the 2018 construction season. However, the project was postponed due to a number of other Municipal infrastructure projects that were scheduled in close proximity to the site at the time.

The watermain upgrade replacement work on Lacroix Street was planned as part of a larger contract that also included re-lining of the existing combined sewers on Lacroix Street. This contract was tendered in April of 2019, but the project was cancelled when the tenders came in over budget. The watermain work on Lacroix Street was added to the Wellington Street project scope, and the remaining work on Lacroix Street, mainly re-lining of the combined sewers, will be tendered in a future project.

This project has been approved as part of the 2021 Watermain and Sanitary Sewer lifecycle budgets by the Public Utilities Commission, as well as the 2021 Storm Sewer lifecycle budget and the 2021 Roads Resurfacing lifecycle budget.

RC Spencer Associates Inc. 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 combined sewer and installing approximately 500 metres of 200 mm to 300 mm diameter PVC sewer pipe and 7 manholes. A total of 45 lateral service connections will be installed.

The storm sewer portion of this project consists of approximately 135 metres of 375 mm and 450 mm diameter PVC sewer pipe, 244 metres of 525 mm to 825 mm diameter precast concrete sewer pipe, 6 manholes and 15 catch basins, all to be replaced. A total of 45 lateral service connections will be installed.

The watermain portion of the project consists of replacing approximately 500 metres of 200 mm diameter watermain along Wellington Street, as well as upgrading 185 metres of existing 150 mm diameter watermain on Lacroix Street to 200 mm diameter via directional drill methods to help minimize the amount of excavation and overall disruption to traffic within the Lacroix Street corridor. A total of 53 water services and 5 fire hydrants will be replaced.

The concrete curbs, concrete sidewalk and paved road along Wellington Street will be replaced as part of the reconstruction. Surface works on Lacroix Street will include milling and paving of the two northbound lanes, as well as any necessary restoration.

The Purchasing Officer received and opened tenders for the work on Thursday, March 18, 2021. The results are as follows:

Bidder	Location	Bid (including HST)
J&J Lepera Infrastructures Inc.	Windsor, ON	\$3,329,567.60*
Clarke Construction Inc.	Blenheim, ON	\$3,333,500.00
Nevan Construction Inc.	Kingsville, ON	\$3,612,830.35

*NOTE: A clerical error was corrected and impacted the tender amount.

RC Spencer Associates Inc. has reviewed the tenders and found them to be complete in all respects, except for the bid submitted by J&J Lepera Infrastructures Inc. which had a clerical error that impacted the tender bid amount and is reflected in the above table.

It is the recommendation herein that the contract be awarded to J&J Lepera Infrastructures 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 RC Spencer Associates 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
 T20-367 Wellington Street Reconstruction and Lacroix Street Watermain Replacement
 Project Costs

Description	Total
A) Project Costs	
Recommended Tender	\$2,946,520.00
Plus HST 13%	\$383,047.60
Less HST Rebate 11.24%	- \$331,188.85
Total Project Costs	\$2,998,378.75
B) Estimated Project Funding	
2021 Watermain Lifecycle Budget – 34.9%	\$1,046,434.18
2021 Sanitary Sewer Lifecycle Budget – 23.0%	\$689,627.11
Total PUC Funding	\$1,736,061.29
2021 Roads Lifecycle Budget – 13.5%	\$404,781.13
2021 Storm Sewer Lifecycle Budget – 28.6%	\$857,536.33
Total Municipality of Chatham-Kent Funding	\$1,262,317.46
Total Project Funding	\$2,998,378.75

The low tender bid submitted by J&J Lepera Infrastructures Inc. was within the budget estimate.

Prepared by:

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

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Purchasing Officer
Financial Services

Attachments: Appendix A – Consultant Recommendation Letter

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Wellington Street Reconstruction and Lacroix Street Watermain