

Staff Report

Report To: City Council
Report From: Bradey Carbert, Manager of Corporate Services
Meeting Date: January 29, 2024
Report Code: CR-24-004
Subject: Award of Tender RFT-23-035 – 17th Street East Sanitary Sewer Replacement

Recommendations:

THAT in consideration of Staff Report CR-24-004 respecting Award of Tender RFT-23-035 – 17th Street East Sanitary Sewer Replacement, City Council:

1. Awards the above noted Tender to Moorefield Excavating, the lowest compliant bid received, for \$377,387.14, including the non-refundable allocation of HST; and
2. Directs staff to bring forward a by-law to authorize the Mayor and Clerk to execute the agreement.

Highlights:

- The 17th Street East sanitary sewer from 16th Avenue East to 18th Avenue East has experienced two recent collapses.
- The least costly alternative is to replace the sewer in its existing location.
- Funding for this project will come from the 2024 capital budget for sewer capital reinvestment (\$350,000) and a slight overage portion from the 2025 allotment.

Strategic Plan Alignment:

This report supports the delivery of Core Service.

Climate and Environmental Implications:

This supports the objectives of the City's Corporate Climate Change Adaptation Plan by strengthening the resiliency of City infrastructure or services.

Previous Report/Authority:

[Report OP-23-046](#) from the Manager of Public Works Re: Status Update: 17th St E Sewer Emergency Repair

Background:

In accordance with the City's Procurement of Goods, Services, Construction, and Consulting Policy (By-law 2020-002), the award of all purchases above \$250,000 must be approved by Council.

This report has been drafted to provide Council with the necessary information to approve the Award of Tender RFT-23-035 – 17th Street Sanitary Sewer Replacement.

Analysis:

The scope of work will include the supply, installation, and setup of sanitary sewer replacement along 17th Street East from 16th Avenue East to 18th Avenue East.

On two occasions, in November 2022 and July 2023, the 17th St E sanitary sewer collapsed at the intersection of 16th Ave E and another location closer to 18th Ave E, respectively.

Staff retained GM BluePlan Engineering Ltd., under the Emergency provisions of the Purchasing By-law, to perform an analysis of different alignment options for traditional trenched sewer replacement in pursuit of the most efficient alternative.

Following the assessments and information received, a Technical Memorandum from GM BluePlan Re: Alignment Options for Sanitary Sewer was provided to the Operations Committee on November 16, 2023. The tender scope of work aligns with the recommendations provided by GM BluePlan.

In addition to the work identified in the November 16, 2023, report, Engineering staff and Water Distribution staff also reviewed the need for cathodic protection on the existing watermain to confirm that this work should also be completed at the same time as the replacement of the existing wastewater main, in order to reduce excavation and reinstatement costs.

The above-mentioned tender was posted in compliance with the City’s Purchasing By-law on November 27, 2023, and closed on January 12, 2024, with seven compliant bids received.

The bids received, including the non-refundable allocation of HST, are as follows:

Company Name	Bid Price
Moorefield Excavating	\$377,387.14
MacDonnell Excavating Ltd.	\$418,086.05
Com-Con Limited	\$445,123.68
R.F King Holdings	\$537,179.29
Master Utility Division Inc.	\$604,785.12
SMRS Construction	\$634,432.61
Harold Sutherland Construction Ltd.	\$852,717.76

The tender submission from Moorefield Excavating is the lowest compliant Bidder and is recommended for Tender Award by GM BluePlan Engineering Ltd and the City.

The construction period is estimated to begin in April 2024, with a substantial performance date of May 31, 2024.

Financial Implications:

The Technical Memorandum from GM BluePlan Engineering Re: Alignment Options for Sanitary Sewer provided to the Operations Committee on November 16, 2023, estimated the pre-tax construction cost at \$403,900.

The cost for the installation of the cathodic protection of the existing watermain was estimated at approximately \$35,000 based on 2023 pricing and adjusted to the reduced scope of work for excavation and reinstatement.

The pricing received through the Tender process has resulted in the updated table below:

Item	Budget	Forecasted Amount	Variance
Sanitary Sewer Replacement	\$411,000	\$353,475	\$57,525
Watermain Cathodic Protection	\$35,000	\$23,915	\$11,085
Engineering	\$41,100	\$41,100	\$ 0
Total	\$487,100	\$418,490	\$68,610

The total cost of the wastewater component of this project is \$394,575. \$350,000 of the required funding will come from the 2024 capital budget for sewer capital reinvestment and the remainder of \$44,575 will come from the 2025 budget of \$350,000. The 2025 multi-year sewer lining program will be tendered in late 2024 to allow staff to finalize the costs of this project, effectively delaying the program one year to deal with this issue.

The total cost of the water component of this project is \$23,915 and will be funded from the \$225,000 approved budget for similar works.

Communication Strategy:

The above-noted tender was posted on the City’s Bids & Tenders webpage on November 27, 2023, in compliance with the City’s Purchasing By-law to be accessible to all potential bidders.

The City will communicate any impacts and closures to the Public during the construction period.

Consultation:

GM BluePlan Engineering Ltd.
Chris Webb, Manager of Engineering Services

Attachments:

None.

Recommended by:

Bradey Carbert, Manager of Corporate Services

Kate Allan, Director of Corporate Services

Submission approved by:

Phil Eagleson, Fire Chief (Acting City Manager)

For more information on this report, please contact Bradey Carbert, Manager of Corporate Services at bcarbert@owensound.ca or 519-376-4440 ext.1240.