

Municipality Of Chatham-Kent
Infrastructure and Engineering Services
Public Works
Information Report

To: Mayor and Members of Council
From: Ryan Brown, Director Public Works
Date: October 23, 2019
Subject: Emergency Purchase – Sanitary Sewer Repair - Mill St. W., Tilbury

This report is for the information of Council.

Background

The Procurement By-law #03-2016 was adopted by Council on January 11, 2016. The Procurement By-law Section 119, Exceptions to the Competitive Process – Emergency Purchases states:

“In the event of an Emergency requiring the purchase of Goods or Services to alleviate the Emergency, Goods and Services may be purchased by the most economical and expedient means, notwithstanding this By-law, as follows:

- a. Under \$100,000: SMT members have the authority to approve Emergency Purchases under \$100,000.
- b. Between \$100,000 and \$200,000: EMT members have the authority to approve Emergency Purchases between \$100,000 and \$200,000.
- c. \$200,000 and above: the CAO has the authority to approve Emergency Purchases of \$200,000 and above.”

As soon as reasonably possible, and no later than three (3) months following the emergency, the authorizing Employee (SMT, EMT or CAO) shall prepare and submit an information report to Council describing:

- a. The circumstances of the emergency,
- b. The reason and necessity of purchasing the goods or services outside of the competitive process,
- c. The total purchase price,
- d. The name of the supplier, and

And other relevant details or information.

Comments

On September 17, 2019, the Acting Water/Wastewater Supervisor (South Water) received a complaint from a homeowner reporting a plugged toilet and backflow of sewage into their basement. Upon thorough investigation and camera inspection from the Public Works crew, it was determined that a shared sanitary sewer connection between 21 and 23 Mill St. W. in Tilbury ruptured.

A sanitary sewer is an underground pipe for transporting sewage from houses and commercial buildings (but not storm water) to treatment facilities or disposal. Sanitary sewer overflow can occur due to blocked or broken sewer lines, infiltration of excessive storm water or malfunction of pumps. If these repairs are not completed immediately, untreated sewage is released from a sanitary sewer into the environment (or private residences) prior to reaching sewage treatment facilities, which can damage property and threaten public health and the environment.

Since the sanitary sewer was located on the north side of Mill St., completing the repair would require crews to cross four lanes of traffic on Mill St. W. (at Queens Line), and close the road to traffic for two to three days. The Acting Supervisor, Water/Wastewater – South Water recommended that a more cost effective, long term solution would be to run a new 6” connection and tie into the existing sanitary sewer on Lyon St. It would also eliminate future sanitary sewer issues with the current connections on Mill St. W.

Due to the depth of work, the equipment required to complete the repair was not available within the Public Works fleet inventory. Mark G. Contracting Inc. was contacted by the Acting Supervisor, Water/Wastewater to complete the repair, as it was confirmed that he had crews and equipment immediately available, and proper insurance was on file with the Municipality. Mark G. Contracting Inc. is also an approved contractor within the Drainage Contractor Roster list, awarded in 2018.

Consultation

The Manager of Public Works South and the Purchasing Officer were consulted in the preparation of this report.

Financial Implications

The total project cost of \$25,013.12 (including HST) will be funded through the Service Level Agreement (Storm Sewer Repair/Replace contracts) with the PUC.

Prepared by:

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Reviewed by:

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

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Manager Public Works South

Jennifer Scherle
Purchasing Officer

c Purchasing Officer

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