



## MANAGEMENT REPORT

**Date:** October 14, 2025  
**To:** Mayor and Council  
**From:** Nancy Roulston, Manager of Engineering  
**Report Number:** COU25-127  
**Attachments:** None

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**Title:** RFP-2025-60 Lorne Avenue Trunk Storm Sewer Assessment Consulting Services

**Objective:** To award RFP 2025-60 to engage a consulting firm to conduct an inspection and assessment of the Lorne Avenue Trunk Storm Sewer, with the goal of providing specific rehabilitation or replacement recommendations.

**Background:** The Lorne Avenue trunk storm sewer, from the Waldie Drain just east of Dufferin Street to its outlet at the Avon River west of the treatment plant, consists of approximately 2.5km of 2400mm to 3750mm diameter corrugated steel pipe that is showing signs of corrosion. The sewer is approaching its end of life and will require renewal or replacement. Access to the storm sewer for inspection purposes is very limited and not possible by standard CCTV equipment. Specialized equipment and expertise is required to inspect the sewer to determine its current condition. The trunk sewer depth varies from six to twelve metres. Replacement of the trunk storm sewer by conventional methods would result in prolonged and significant disruption to one of the City's major arterial roads and truck by-passes. This project was identified and approved in the 2025 capital projects with an initial estimated cost of \$1,000,000, consisting of approximately \$100,000 for consulting and \$900,000 for contracting to be funded by the Storm Reserve Fund.

An RFP was issued using Bids & Tenders, seeking proposals from qualified consultants to undertake a detailed inspection and condition assessment of all sections of the trunk sewer and its associated structures. The consultants will provide a summary report which will include rehabilitation or repair alternatives, a prioritized renewal plan, maintenance, operations and capital improvements, construction cost estimates and timelines.

**Analysis:** Three firms submitted proposals. The evaluation process was based on the following criteria:

Part A: Technical Proposal

Category	Available Points	
Bidder Qualifications	10	
Project Team Experience	25	
Project Understanding	10	
Methodology and Work Plan	30	
Total Available Points – Part A		75

A committee consisting of three Council members and two staff representatives reviewed and evaluated the submissions received.

All firms which scored a minimum of 56.25 points (75%) in Part A were eligible to have their financial proposal evaluated. All three submissions met the requirements, scoring as follows:

- Andrews.engineer 68.5
- GEI Consultants 59.1, and
- GHD Limited 56.7.

Part B: Financial Proposal

The financial submissions were then evaluated using the financial weighting below. The financial component was scored based on a relative pricing scale with respect to the mean of the shortlisted proposed project fees.

50% below mean	10 out of 10	25 points
40% below mean	9 out of 10	22.5 points
30% below mean	8 out of 10	20 points
20% below mean	7 out of 10	17.5 points
10% below mean	6 out of 10	15 points
Mean Price	5 out of 10	12.5 points
10% above mean	4 out of 10	10 points
20% above mean	3 out of 10	7.5 points
30% above mean	2 out of 10	5 points
40% above mean	1 out of 10	2.5 points
50% above mean	0 out of 10	0 points

Financial components were as follows:

- Andrews.engineer \$136,305 (excluding HST),
- GEI Consultants \$219,755.50 (excluding HST), and
- GHD Limited \$757,248 (excluding HST).

The resulting final total scores were as follows:

- Andrews Engineer 93.5
- GEI Consultants 81.6
- GHD Limited 56.7

Based on the total scores, the recommended proponent is Andrews.engineer at a cost of \$136,305 plus HST, for a total cost of \$154,024.65, which is \$138,703.97 after HST rebate.

**Financial Implications:**

**Financial impact to current year operating budget:**

The amount estimated in the 2025 budget for consulting is a bit lower than the resulting RFP however, the total project cost is still estimated at \$1,000,000 in total. Some of the consulting costs will likely be incurred this year, funded from the Storm Reserve Fund, so no impact on the overall surplus. Unspent funds will be carried over to complete the project in 2026.

**Financial impact on future year operating budget:**

Implementation of recommended rehabilitation of the trunk sewer will be subject to future Council approval. Proactive rehabilitation and replacement of City assets ensure infrastructure remains in a state of good repair mitigating the financial risk of unplanned repairs and interruption to services.

**Link to asset management plan and strategy:**

The rehabilitation or replacement project directly supports the City’s Asset Management Plan by extending the useful life of existing infrastructure, optimizing lifecycle costs, and minimizing service disruptions.

The trunk storm sewer segments included in this project are in “very poor” condition based on their age and material (CSP). Assessment of the sewer will establish the actual condition rating, allow a future capital program to bring the overall condition of these segments to a “very good” rating, and will extend the useful life by an estimated 50 years.

**Alignment with Strategic Priorities:**

**Enhance our Infrastructure**

This report aligns with this priority as it outlines the planned rehabilitation of a sewer at the end of its service life, which will extend the service life of existing infrastructure, improve system reliability, and reduce the risk of future service disruptions.

**Alignment with One Planet Principles:**

**Material and Products**

Using materials from sustainable sources and promoting products which help people reduce consumption.

**Staff Recommendation: THAT the request for proposal (RFP-2025-60) for Lorne Avenue Trunk Storm Sewer Condition Assessment and Rehabilitation**

**Engineering Services, be awarded to Andrews.engineer at a total proposal price of \$154,024.65, including HST;**

**AND THAT the Mayor and Clerk, or their respective delegates, be authorized to sign the Contract agreement for RFP-2025-60.**

**Prepared by:** Nancy Roulston, Manager of Engineering  
**Recommended by:** Taylor Crinklaw, Director of Infrastructure Services  
André Morin, CPA, Chief Administrative Officer