

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MAY 14, 2019
FROM:	KELLY SCHERR, P. ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	ASSIGNMENT AWARD FOR RFP 19-19 2019 SANITARY SIPHON AND TRUNK SANITARY SEWER INSPECTION

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the award of a contract for engineering and inspection services for the 2019 Sanitary Siphon and Trunk Sanitary Sewer Inspection Project:

- (a) The proposal submitted by Andrews Infrastructure, at its submitted price of \$123,227.50 including 10% contingency but excluding HST, **BE ACCEPTED**, noting this bid is being reported as an irregular bid per the Procurement of Goods and Services Policy, Section 19.4 b) and c), only one (1) bid was received for this RFP;
- (b) The financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached, hereto, as Appendix 'A';
- (c) The Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (d) The approval given, herein, **BE CONDITIONAL** upon the Corporation entering into a formal contract, or issuing a purchase order for the work to be completed; and,
- (e) The Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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None.

2015-2019 STRATEGIC PLAN

The 2015 – 2019 Strategic Plan under Building a Sustainable City identifies Robust Infrastructure, more specifically to this report; 1B – Manage and improve our water, wastewater and stormwater infrastructure and services.

BACKGROUND

Purpose

The purpose of this report is to seek approval to award Andrews Infrastructure a contract for engineering and inspection services for the following critical infrastructures:

- Ann Street sanitary siphon;
- Summerside sanitary siphon;
- Horton trunk sanitary sewer (portion).

A location map is included for reference in Appendix 'B'.

Context

Inspecting sewer related infrastructure in order to assess its condition is an integral part of understanding how effectively it is operating and if necessary, the method of repair required to reinstate its intended design functionality.

DISCUSSION

Sanitary Siphon Inspection

A sanitary siphon is a sewer pipe that dips underneath an obstruction, such as a river, allowing wastewater to flow from one side to the other. The City of London has eight sanitary siphons in total; six of that cross beneath the Thames River, one under Pottersburg Creek, and one under a large diameter storm sewer.

Siphons that cross under the Thames River are considered critical infrastructure and condition surveys are the primary way of confirming they are functioning appropriately. Age, material type, and environmental risk are important factors in determining the appropriate frequency of these condition surveys. These surveys are undertaken inside the siphon using closed circuit television and sonar imagery. The 2019 program includes inspection of the Ann Street sanitary siphon, and the Summerside sanitary siphon.

Trunk Sewer Inspection

The 2019 inspection program includes the inspection of the Horton trunk sanitary sewer. The Horton trunk sanitary sewer was constructed in 1910 and is a large diameter sewer serving thousands of customers. The sewer passes through Greenway Park and conveys a significant volume of wastewater to the city's Greenway Wastewater Treatment Plant. In advance of the proposed condition inspection, City forces have taken significant effort to remove large amounts of sediment from within the sewer. The proposed inspection will confirm the effectiveness of the City's cleaning effort, the amount of remaining sediment, and the condition of the sewer pipe.

Procurement Process

A Request for Proposal (RFP) for engineering and inspection services for this project was issued March 7, 2019 and closed March 29, 2019. The RFP was downloaded by six companies, however Andrews Infrastructure submitted the only proposal. Per Section 19.4 b) and 19.4 c), City staff opened and evaluated the single submission.

The proposal submission was assessed and scored by an evaluation team from Sewer Operations, with the assistance of the Purchasing and Supply Division. The evaluation criteria was based on:

- Experience with in-service sanitary siphon inspection;
- Proposed methodologies including any required support work;
- Quality of condition assessment reporting;
- Project costs, including all fees and disbursements.

The proposal submitted by Andrews Infrastructure meets all terms, conditions, specifications, and requirements. Andrews Infrastructure has the experience to fulfil the

expectations as set out in this project and within the allotted budget for this project, and have successfully completed projects of similar nature for the City of London.

CONCLUSIONS

Awarding the 2019 Sanitary Siphon and Trunk Sanitary Sewer Inspection project to Andrews Infrastructure will allow the project objectives to be met within the available budget and schedule.

Acknowledgements

This report was prepared by Brad Weber, C.E.T., Manager, Sewer Operations Division.

SUBMITTED BY:	REVIEWED & CONCURRED BY:
RICK PEDLOW, C.E.T. DIVISION MANAGER SEWER OPERATIONS DIVISION	SCOTT MATHERS, MPA, P. ENG. DIRECTOR WATER & WASTEWATER
RECOMMENDED BY:	
KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER	

Attach: Appendix 'A' – Sources of Financing
 Appendix 'B' – Project Location Map

c.c. John Freeman Chris Ginty Gary McDonald
 City Solicitor's Office Andrews Infrastructure