

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JULY 23, 2019
FROM:	KELLY SCHERR, P. Eng., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	APPOINTMENT OF CONSULTING ENGINEER WONDERLAND ROAD SANITARY SEWER EXTENSION

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 appointment of a consulting engineer for the Wonderland Road Sanitary Sewer Project:

- a) AECOM Canada Ltd **BE APPOINTED** Consulting Engineers to complete the pre-design and detailed design for the Wonderland Road Sanitary Sewer Project in accordance with the estimate, on file, at an upset amount of \$172,380.00 including 10% contingency, excluding HST, in accordance with Section 15.2(d) of the City of London's Procurement of Goods and Services Policy;
- b) The financing for the project **BE APPROVED** in accordance with 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 approvals given, herein, **BE CONDITIONAL** upon the Corporation entering into a formal contract; 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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[2017-07-17 Southwest Area Trunk Sanitary Sewer Detailed Design Appointment of Consulting Engineer: Phase 3 – Wonderland Road South \(Hamlyn Street to Wharnccliffe Road South\) & Wharnccliffe Road South \(Wonderland to Morgan Ave\)](#)

[2015-02-03 Southwest Area Trunk Sanitary Sewer Detailed Design Appointment of Consulting Engineer: Phase 2 – Campbell Street \(Hamlyn Street to Lambeth Optimist Park\)](#)

[2014-05-12 Southwest Area Trunk Sanitary Sewer Detailed Design: Appointment of Consulting Engineer: Phase 1 – Wonderland Road South \(Dingman Drive to Wharnccliffe Road South\) & Hamlyn Street \(Wonderland Road South to Campbell Street\)](#)

[2014-02-03 Notice of Completion of the Southwest Area Sanitary Servicing Master Plan: Municipal Class Environmental Assessment for the Southland Wastewater Treatment Plant and Proposed Sanitary Servicing of the Southwest Area \(ES5260\)](#)

2019 – 2023 STRATEGIC PLAN

- This report and its recommendations support the Strategic Plan under Building a Sustainable City – Responsible Growth, by planning and designing new infrastructure consistent with the Growth Management Implementation Strategy (GMIS).

BACKGROUND

Purpose

The purpose of this report is to recommend the award of a qualified engineering consultant to complete the detailed design for the Wonderland Road Sanitary Sewer Extension Project. This project was approved by council in the 2019 Development Charges Study to be constructed in 2020. A project map is included as Appendix 'C'.

Context

Awarding this consulting work will allow for the construction of a sanitary sewer along Wonderland Road South between Wharncliffe Road South and Bradley Avenue, and provide municipal servicing to the Wonderland Road Enterprise Corridor. This sewer is an essential component of the servicing required to facilitate up to 58 hectares of residential, commercial, and institutional development including the future Gateway Casino site.

DISCUSSION

Procurement Process

The engineering consultant selection procedure for this assignment utilized a competitive Request for Proposal (RFP) process that is in accordance with Section 15.2(d) of the Procurement of Goods and Services Policy. Four qualified engineering firms from the City's pre-approved consultant list were invited to submit a formal proposal to undertake the detailed design work. An evaluation of each consultant proposal with a focus on their understanding of project goals, experience on directly related projects, project team members, capacity and qualifications, and overall project fee was undertaken by the Environmental and Engineering Services Department (EESD).

If the performance of the consultant continues to be of high quality and their fees are appropriate, a future recommendation will be made for a construction administration assignment in tandem with the award of the construction contract for the project in 2020.

Work Description and Development Servicing

The detailed design work to be undertaken will allow development of up to 58 hectares of vacant lands along the Wonderland Road South Enterprise Corridor to proceed in an orderly manner with full municipal servicing and allow existing developments to decommission their private servicing systems. The Wonderland Road Sanitary Sewer Project includes the installation of sanitary sewer from Wharncliffe Road South to Bradley Ave, storm sewer works, the addition of a turning lane at the future Gateway Casino, full asphalt replacement along the project limits, and restoration of areas disturbed by the construction activity. This appointment will allow the project to be constructed as per the approved timing set out in the current GMIS.

Consultant Selection

In accordance with Section 15.2(d) of the Procurement of Goods and Services Policy, Staff are recommending that AECOM be authorized to carry out the detailed design of the Wonderland Road South Sanitary Sewer.

In addition to being the successful proponent through the competitive bidding process, AECOM has significant knowledge of the project area through their previous experience completing design and construction administration services for recent sanitary servicing projects within the Southwest Area. AECOM has shown their competency and expertise with infrastructure projects of this nature and have provided strong performance in the past on City projects.

CONCLUSIONS

The appointment of AECOM to complete engineering services for the detailed design of the Wonderland Road Sanitary Sewer will meet the 2020 construction timing approved as part of the 2019.5 GMIS process. The project funding was approved through the 2019 Development Charges Study Update and funds have been allocated from the Transportation, Wastewater and Stormwater capital budgets to support the detailed design work.

Acknowledgements:

This report was prepared by Kevin Graham, Environmental Services Engineer.

SUBMITTED BY:	REVIEWED & CONCURRED BY:
TOM COPELAND, P. ENG. DIVISION MANAGER WASTEWATER AND DRAINAGE ENGINEERING	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' – Source of Financing
Appendix 'B' – Location Map

Cc: John Freeman, Manager, Purchasing and Supply
Jeff Kelso, AECOM Canada Ltd.
Gary McDonald, Budget Analyst
Alan Dunbar, Manager III, Financial Planning and Policy
Jason Davies, Manager III, Financial Planning and Policy
Kevin Graham, Environmental Services Engineer, Wastewater and Drainage Engineering