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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 29, 2016</b>
<b>FROM:</b>	<b>JOHN BRAAM, P.ENG., MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>APPOINTMENT OF CONSULTING ENGINEER FOR THE MONITORING OF STORMWATER MANAGEMENT FACILITIES</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to appointment of a consultant for the Monitoring of Stormwater Management Facilities in the City of London:

- a) AECOM Canada Ltd. **BE APPOINTED** to carry out the Monitoring of Stormwater Management Facilities in the City of London in the total amount of \$76,250 (plus a further \$27,451 for contingency, provisional items and allowance), excluding HST; in accordance with Section 15.2(d) of the 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 work;
- d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract with the consultant for the work; and
- e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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None

<b>BACKGROUND</b>
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**Purpose**

This report recommends the appointment of AECOM Canada Ltd. to carry out consultant services for the Monitoring of Stormwater Management Facilities. This award is for a three year project time span from 2016 – 2018.

**Context**

The City of London (City) requires the services of a Consultant Engineering firm to collect and report on water quality samples from stormwater management facilities in order to assist the City in assuming developer built stormwater management facilities and to comply with various Ministry of the Environment and Climate Change (MOECC) Environmental Compliance Approval (ECA) conditions.

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**DISCUSSION**

**Project Description**

The project will be completed over a three year time span, from 2016 – 2018. The stormwater management facilities to be monitored will be identified on a yearly basis. The attached Appendix B map provides a summary of the current 2016 stormwater facility monitoring locations. The project will provide for the collection, and reporting on water quality samples taken from stormwater management facilities. Water quality samples will be collected from the stormwater management facilities three times per year following rainfall events. Collected samples will be analysed by the City’s Greenway Laboratory. The consultant will produce an annual report of the results. This project will:

- Assist the City in its current undertaking of the assumption of legacy developer built stormwater management facilities, by providing a consistent means of evaluating stormwater management facility water quality performance; and
- Allow the City to comply with conditions set out in various MOECC ECAs for stormwater management facilities built / assumed by the City.

**Consultant Selection**

In accordance with Section 15.2(d) of the Procurement of Goods and Services Policy, three consulting firms were invited to submit proposals for the project that included a summary of the project tasks, schedule, and costs. An evaluation committee with representation from the Stormwater Engineering Division with the assistance of Purchasing and Supply reviewed the consultant submissions for the project.

Based on the evaluation criteria and selection process identified in the Request for Proposals, the evaluation committee concluded that the proposal from AECOM Canada Ltd. provides the best value to the City.

AECOM Canada Ltd. has an experienced project team that had a clear understanding of the project scope and requirements. Their past proven experience on similar projects of this nature combined with a project proposal that demonstrated a thorough understanding of the goals and objectives demonstrated their suitability for the undertaking.

In accordance with Section 15.2(d) of the Procurement of Goods and Services Policy, Civic Administration is recommending AECOM Canada Ltd. be appointed as the consulting engineer for the Monitoring of Stormwater Management Facilities. The submission from AECOM Canada Ltd. includes a fee submission that indicates that the monitoring program can be completed within the funds available in the project account, ES5427.

**CONCLUSIONS**

This monitoring program assists the City of London in addressing the assumption of legacy developer built stormwater management facilities and enables the City to meet conditions include within various stormwater management MOECC issued ECAs.

**Recommendation**

Based on the evaluation of the proposals, it is recommended that AECOM Canada Ltd. be awarded the consultant assignment for the Monitoring of Stormwater Management Facilities in the total amount of \$76,250 (plus a further \$27,451 for contingency, provisional items and allowance), excluding HST.

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**Acknowledgements**

This document was prepared within the Stormwater Engineering Division by David Gough, P.Eng.

<b>SUBMITTED BY:</b>	<b>REVIEWED AND CONCURRED BY:</b>
<b>SCOTT MATHERS, MPA, P.ENG. DIVISION MANAGER, STORMWATER</b>	<b>JOHN LUCAS, P.ENG. DIRECTOR, WATER AND WASTEWATER</b>
<b>RECOMMENDED BY:</b>	
<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>	

March 21, 2016

Attach:    Appendix "A" – Sources of Financing  
               Appendix "B" – Current 2016 Stormwater Management Facility Monitoring Locations