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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 24, 2014</b>
	<b>JOHN LUCAS, P.ENG. DIRECTOR OF WATER AND WASTEWATER ENVIRONMENTAL AND ENGINEERING SERVICES</b>
<b>SUBJECT</b>	<b>APPOINTMENT OF CONSULTING ENGINEER GORDON SANITARY TRUNK SEWER REHABILITATION PROJECT NO. ES 2473</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Director of Water and Wastewater, Environmental and Engineering Services, the following actions **BE TAKEN** with respect to the appointment of a consultant for the Gordon Sanitary Trunk Sewer Rehabilitation (ES 2473):

- (a) Dillon Consulting Ltd., 130 Dufferin Ave., London, ON, N6A 5R2, **BE APPOINTED** Consulting Engineers for the Gordon Sanitary Trunk Sewer Rehabilitation Project in accordance with the estimate, on file, at an upset amount of \$18,480, including 10% contingency, excluding HST, based upon the Fee Guideline for Professional Engineering Services, recommended by the Ontario Society of Professional Engineers; and in accordance with Section 15.2 (g) 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 approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract with the consultant for the work;
- (d) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with these projects, 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:**

In 2002 the Trunk Sewer Inspection Program revealed that much of the Gordon Trunk Sanitary Sewer was in poor condition due to hydrogen sulphide corrosion. Since the initial discovery of the severe corrosion, the City has lined 60% of its 5.2km length and replaced over 20% of it. The purpose of this report is to recommend the appointment of Dillon Consulting Ltd. for the preparation and execution of a Request for Proposal to undertake the next phase of the rehabilitation work.

**Context:**

The Gordon Trunk Sanitary Sewer is a vital piece of infrastructure that services a large portion of the City. It is also a sewer that has seen extensive damage as the result of hydrogen sulphide corrosion. To counter the pipe deterioration the City has implemented an aggressive, proactive

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program including pipe replacement in 2004 and 2011, and cured-in-place-pipe lining projects between 2007 and 2013.

**Discussion:**

Dillon has been involved with multiple Gordon Trunk Sewer Rehabilitation projects. They have demonstrated their ability to carry out these projects in a technically sound manner, on schedule and on budget. Thus, it is to the financial advantage of the City to continue to use Dillon for this project.

This phase of work was originally included in the 2013 Request for Proposals, as provisional items to be completed if budget permitted. This work has been budgeted for in 2014, and Dillon has submitted a cost of \$18,480 (excl. HST) for the preparation and administration of a revised Request for Proposal. The revised work plan and associated fees have been reviewed by City staff and are deemed to be appropriate for the scope of work. It is the intent of staff to award the construction administration portion of the consulting assignment valued at \$51,590 (excl. HST) to Dillon subject to satisfactory completion of the RFP preparation. The total anticipated cost for Dillon's services over the two years is \$138,490 (excl. HST).

**Summary:**

The Gordon Trunk Sanitary Sewer is a vital piece of infrastructure that services a large portion of the City. The system is in distress due to hydrogen sulphide corrosion. A multi-year program is in progress with the next phase requiring consulting services to prepare an RFP for pipe relining. Dillon's proposed work program meets delivery requirements needed to proceed in a timely and cost effective manner because they are familiar with the work required, having been involved in previous phases of the multi-year program. Therefore, their services represent the best value to the City for this project.

**Acknowledgements:**

This report was prepared within the Sewer Operations Division by Ashley Rammeloo, P.Eng.

<b>SUBMITTED BY:</b>	<b>RECOMMENDED BY:</b>
<b>RICK PEDLOW, C.E.T. DIVISION MANAGER SEWER OPERATIONS DIVISION ENVIRONMENTAL AND ENGINEERING SERVICES</b>	<b>JOHN LUCAS, P.Eng. DIRECTOR WATER AND WASTEWATER ENVIRONMENTAL AND ENGINEERING SERVICES</b>
<b>REVIEWED AND CONCURRED BY:</b>	
<b>JOHN BRAAM, P.Eng. MANAGING DIRECTOR ENVIRONMENTAL AND ENGINEERING SERVICES &amp; CITY ENGINEER</b>	

March 19, 2014

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Attach.: Appendix "A" – Sources of Financing

c.c. John Braam, Managing Director and City Engineer, Environmental & Engineering Services  
Dillon Consulting Ltd.