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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MAY 29, 2012</b>
<b>FROM:</b>	<b>JOHN BRAAM, P. Eng. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>CONTRACT AWARD: TENDER NO. 12-47 SOUTHCREST STORM SEWER AND OUTFALL REPLACEMENT</b>
<b>RECOMMENDATION</b>	

That, on the recommendation of the Acting Executive Director, Planning, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the award of contracts for the Southcrest Storm Sewer and Outfall Replacement project (ES6071, ES2464).

- (a) the bid submitted by Blue-Con Construction (Blue-Con), 1915 Crumlin Side Road, London ON, N5V 3B8, at its tendered price of \$1,319,521.91 (excluding H.S.T.), for the Southcrest Storm Sewer and Outfall Replacement project **BE ACCEPTED**; it being pointed out that the bid submitted by Blue-Con was the lowest of five bids received and meets the City's specifications and requirements in all areas;
- (b) AECOM Canada Ltd. (AECOM), 410 – 250 York Street, Citi Plaza, London, Ontario, N6A 6K2, **BE AUTHORIZED** to carry out the resident inspection and contract administration for the said project in accordance with the estimate, on file, at an upset amount of \$154,551.00 (excluding H.S.T.), noting that this firm completed the engineering design, 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;
- (c) minor future additional annual operating costs of \$800.00 **BE RECOGNIZED** as a result of this project noting that these costs are as a result of new infrastructure installation and will be considered and accommodated within future Wastewater & Treatment operating budgets;
- (d) minor future additional annual operating costs of \$400.00 **BE RECOGNIZED** as a result of this project noting that these costs are as a result of a new parkette feature and will be considered and accommodated within future Planning & Development operating budgets;
- (e) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix "B";
- (f) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (g) the approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract or issuing a purchase order for the material to be supplied and the work to be done relating to this project (Tender 12-47); and
- (h) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

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### PREVIOUS REPORTS PERTINENT TO THIS MATTER

- [Appointment of Consulting Engineer Southcrest Storm Sewer and Outlet Replacement, Built and Natural Environment Committee, July 18, 2011, Agenda #28.](#)
- [Appointment of Consulting Engineer Southcrest Storm Outlet Study, Environment and Transportation Committee, August 23, 2010, Agenda #6.](#)

### BACKGROUND

#### **Purpose:**

This report recommends award of tender to a contractor and continuation of consulting services for the reconstruction of storm sewer and outfall located through Kensal Park Public School, an easement within 251 Greenwood Avenue, and the former site of 264 Greenwood Avenue.

#### **Discussion:**

The work included within this project is a follow up to the storm sewer upsizing along Beachwood Avenue in 2009 and on Ridgewood Crescent/Kensal Park Public School in 2011. The house at 264 Greenwood Avenue has been purchased and demolished by the City to allow for replacement of the storm outfall. Following reconstruction, the slope on 264 Greenwood leading to The Coves will be restored. This storm sewer was originally installed in 1954. The storm sewer and outfall is under capacity and in poor condition. Additional capacity is required to accommodate larger storm sewers upstream. It is noted, however, that the size of the drainage area is unchanged. The storm sewer currently runs around the south side of Kensal Park Public School, then easterly through the properties of 251 and 256 Greenwood Avenue. The proposed alignment of the new storm sewer will generally be located in the same place through the Kensal Park Public School site and 251 Greenwood Avenue. The storm outfall will be reconstructed at the site of 264 Greenwood Avenue (just south of the existing outlet). The area at the top of the slope will feature a new parkette to act as a 'look out' for the public to view The Coves. A project location map is included in Appendix A for reference.

A public information session was held on April 4, 2012 for all owners and residents within and immediately bordering the project area to address questions and concerns.

The reconstruction of the Southcrest Storm Sewer and Outfall is included in the approved 2012 Wastewater & Treatment Capital Works Budget.

#### **Tender Summary:**

Tenders for the 2012 Southcrest Storm Sewer and Outfall Replacement project were opened on April 26, 2012. Five (5) contractors submitted tender prices as listed below (exclusive of H.S.T.).

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Blue-Con Construction	\$1,319,521.91	--
2.	Bre-Ex Limited	\$1,406,708.71	\$1,406,700.62
3.	C.H. Excavating Limited	\$1,433,222.74	--
4.	Omega Contractors	\$1,444,593.89	\$1,437,885.89
5.	L-82 Construction Limited	\$1,803,187.56	\$1,801,893.56

All tenders have been checked by the City's consultant AECOM. Three (3) of the tender bids contained mathematical errors. The corrected amounts had no effect on the ranking of the three lowest tenders.

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The tender estimate just prior to tender opening was \$1,502,176.00 (excluding H.S.T.). All tenders include a contingency allowance of \$150,000.00 (excluding H.S.T.).

Minor future additional annual operating costs of \$800.00 are recognized as a result of this project noting that these costs are attributed to new infrastructure installation and will be considered and accommodated within future Wastewater & Treatment operating budgets.

Additionally, minor future additional annual operating costs of \$400.00 are recognized as a result of the inclusion of a parkette feature overlooking The Coves, noting that these costs will be considered and accommodated within future Planning & Development operating budgets.

#### **Consulting Services:**

AECOM was awarded the detailed design of this project by Council on July 25, 2011. Due to their knowledge and experience with this project, AECOM was requested to submit a proposal to carry out the contract administration and resident supervision for this project. In accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy, the administration is recommending that AECOM be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$154,551.00 (excluding H.S.T.), noting the upset amount for total engineering services for the project is \$333,309.50 (excluding H.S.T.) spread over 2010 – 2012.

#### **Conclusions:**

The award of this construction contract to Blue-Con will allow the project objectives to be met within the available budget and prescribed timelines.

The use of AECOM for the remainder of engineering services for this project is in the best financial and technical interests of the City due to AECOM's previous knowledge and experience with this project.

#### **Acknowledgements:**

This report was prepared within the Wastewater and Drainage Engineering Division by Kyle Chambers P.Eng, Environmental Services Engineer.

<b>SUBMITTED BY:</b>	<b>RECOMMENDED BY:</b>
<b>TOM COPELAND, P. ENG. DIVISION MANAGER WASTEWATER AND DRAINAGE ENGINEERING</b>	<b>JOHN BRAAM, P.ENG. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>

May 18, 2012

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Attach: Appendix "A" – Location Map  
Appendix "B" – Sources of Financing

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c.c. Blue-Con Construction  
AECOM Canada Ltd.  
Justin Lawrence

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### Appendix 'A' – Location Map

#### Proposed Storm Sewer and Outfall Replacement

