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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 22, 2013
FROM:	JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENGINEERING AND CITY ENGINEER
SUBJECT:	HYDE PARK NO. 4 STORMWATER MANAGEMENT FACILITY & STANTON DRAIN REMEDIATION CONTRACT

RECOMMENDATION

That, on the recommendation of the Managing Director, Engineering and City Engineer, the following action **BE TAKEN** with respect to the Hyde Park No. 4 Stormwater Management Facility and Stanton Drain Remediation contract:

- (a) replacement of the culvert on Shaw lands originally scheduled within Phase 2 Stanton Drain Remediation Works **BE INCLUDED** as part of the Hyde Park No.4 Stormwater Management Facility and Stanton Drain Remediation works by increasing the upset limit by \$230,000 for contract No. 12-60 to \$5,949,479.55 (including contingency, excluding H.S.T.);
- (b) the replacement of the storm sewer on Doman Developments Corporate Campus **BE INCLUDED** as part of the Hyde Park No.4 Stormwater Management Facility and Stanton Drain Remediation project, it being noted that the developer will construct the storm sewer as part of the servicing for the subdivision;
- (c) the financing for this **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix "A";
- (d) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this work;
- (e) the approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract or issuing a purchase order relating to the material to be supplied and the work to be done relating to this project (Tender 12-60); and
- (f) 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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CWC – December 3, 2012 – Contract Award – Tender No. T12-60 Hyde Park No. 4 Stormwater Management Facility & Stanton Drain Remediation (ES3020-HP4/ES2487-STNDR)

CWC – June 19, 2012 – Phasing of Stormwater Management Facilities

PEC – February 21, 2012 – 2012-2016 Growth Management Implementation Strategy

PEC – February 6, 2012 – 2012-2016 Growth Management Implementation Strategy'

ETC – November 8, 2010 – Appointment of Consulting Engineering for Engineering Services for Functional and Detailed Design of Stanton Drain Remediation/Hyde Park Stormwater Management Facility No. 4

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BACKGROUND

Purpose:

This report recommends the adjustment of contract No. 12-60 to include the replacement of the culvert on the Shaw lands and the replacement of the storm sewer on Doman Developments Corporate Campus, identified on the location map shown in Appendix B, as additions to the tendered works and project respectively.

On December 11th 2012, Council approved the tender from Bre-Ex Limited at the tendered price of \$5,719,479.55 (including contingency, excluding H.S.T.), for the Hyde Park No.4 Stormwater Management (SWM) Facility and Stanton Drain Remediation Construction. At the direction of Council, the scope was increased to include the culvert replacement on the Shaw lands to enable development.

DISCUSSION

The City’s consultant AECOM undertook the detailed design of the culvert in accordance with City standards associated with commercial access. As a result of the detailed design, it was determined that the estimated costs would be approximately \$230,000. The addition of the culvert to service the Shaw lands requires contract No. 12-60 be adjusted by increasing the upset limit of contract to \$5,949,479.55 (including contingency, excluding H.S.T.). The contractor will be required to submit three cost estimates from suppliers.

A site plan for Phase 1 of the Doman Corporate Campus Development was approved by the City based on a previous design concept for the Hyde Park No. 4 SWM Facility and Stanton Drain by Smart Centers. Phase 1 of Corporate Campus development is constructed including a portion of the Phase 2 storm sewer.

In 2010, the City engaged AECOM to undertake the functional design of the Hyde Park No. 4 SWM facility. The design raised the bottom of the facility and included two forebays to ensure that the storm sewers would outlet above the 2-year storm in accordance with the City of London Design Standards. By raising the bottom of the facility, the cost of constructing the facility was reduced however some of the previously constructed storm sewers of the Corporate Campus development needed to be replaced. The estimated replacement cost of the existing constructed storm sewer sections is approximately \$100,000 excluding H.S.T., including engineering and contingency.

It is recommended that the replacement of the storm sewer on Doman Developments Corporate Campus be included as part of the Hyde Park No.4 Stormwater Management Facility and Stanton Drain Remediation project, it being noted that the developer will construct the storm sewer as part of the servicing for the subdivision.

The tendered price for the Hyde Park No. 4 SWM Facility works was \$5,719,479.55, which is substantially less than the City’s estimated cost of \$6,885,218 developed prior to tender opening.

It is noted that despite the recommended minor cost increase for the added works components, the project is expected to provide a substantial cost saving (subject to unforeseen circumstances) to the City including the recommended minor budget adjustments.

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CONCLUSION

It is recommended that contract No. 12-60 be adjusted to include the replacement of the culvert on Shaw lands, by increasing the upset limit of contract No. 12-60 to \$5,949,479.55 (including contingency, excluding H.S.T.) in accordance with the resolution of Council, and that the replacement of the storm sewer on Doman Developments Corporate Campus be included as part of the project at an estimated cost of \$100,000, to be constructed by the developer as part of the servicing for the subdivision.

SUBMITTED BY:	REVIEWED BY:
BERTA KRICKER, M.ENG., F.E.C., P.ENG. MANAGER OF STORMWATER MANAGEMENT UNIT	EDWARD SOLDI, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION
RECOMMENDED BY:	
JOHN BRAAM, P.ENG. MANAGING DIRECTOR ENVIRONMENTAL AND ENGINEERING SERVICES & CITY ENGINEER	

April 17, 2013

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

c.c. Pat Shack – Budget Analyst
John Freeman – Manager, Purchasing and Supply
Bre-Ex Limited
AECOM