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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON AUGUST 25, 2014
FROM:	JOHN BRAAM, P.ENG MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	HURON INDUSTRIAL PARK STORMWATER MANAGEMENT SERVICING ENVIRONMENTAL ASSESSMENT CONSULTING ENGINEER ASSIGNMENT INCREASE

RECOMMENDATION

That, on the recommendation of the Managing Director Environmental & Engineering Services and City Engineer, the following action **BE TAKEN** with respect to the Huron Industrial Park Environmental Assessment:

- (a) the consulting fees for Delcan **BE INCREASED** by \$25,230 to a new upset limit of \$166,530 including contingency, excluding HST in accordance with in accordance with Section 20.3 (e) of the Procurement of Goods and Services Policy;
- (b) the financing for this work **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix "A"; and
- (c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this work.

PREVIOUS REPORTS PERTINENT TO THIS MATTER

CWC – January 23, 2012 – Appointment of Consultant Engineers for services for Municipal Class Environmental Assessment for Storm/Drainage and Stormwater Management Servicing works for Huron Industrial Park.

BACKGROUND

Purpose

The purpose of this report is to recommend an increase in consulting fees due to the requirement to expand the scope of the conceptual SWM servicing evaluation for lands within the Huron Industrial Park and associated environmental field investigations in order to complete a Municipal Class Environmental Assessment (EA) study, Schedule 'B' for the proposed Storm/Drainage and Stormwater Management (SWM) Servicing Works for the Huron Industrial Park Area located within the North Thames and Pottersburg Creek subwatersheds (location map attached as Appendix 'B').

Context

Huron Industrial Park is located on the east side of the extension of Veteran's Memorial Parkway (formally Airport Road), north of the extension of Cheapside Street in London. There are 139 hectares of land owned by the City and the Upper Thames Conservation River Authority (UTRCA) that may be allocated for the City's industrial land development.

The subject lands are identified as desirable and of strategic importance for London, especially due to the availability of railway and the City's highway systems and these lands are located in close proximity to the London International Airport, as well as to London's industrial commercial and residential population.

In 2001, Delcan was retained to provide a preliminary technical assessment and data collection (geotechnical; biological; limited survey) for sanitary servicing of the area. As part of that assignment, preliminary technical and hydraulic requirements of stormwater management were evaluated. In March 2002, in order to meet the City's industrial development strategy

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requirements, City Council approved Delcan’s appointment to undertake the comprehensive Municipal Class EA study for both sanitary and storm/drainage and SWM servicing works for the subject lands.

This Class EA study was completed in 2005 for the Huron Industrial Park; however, the City did not complete the Environmental Assessment Process at the time, due to high cost estimates associated with the recommended servicing option. Based on the new and updated SWM approach that incorporate considerations of the Private Permanent System (PPS) as well as a review of combination PPS with the municipal regional system, the intent is to provide a more economical and effective servicing option that meets land development requirements for the study area.

In October 2011, the City engaged Delcan to undertake an update to the Municipal Class EA study for storm/drainage and SWM servicing works for the Huron Industrial Park at the estimated cost of \$99,300. In December of 2011, the study’s scope was extended through a separate report to Council to incorporate additional lands within the study area which resulted in an increase in consulting services of \$42,000.

DISCUSSION

In the summer of 2013, an assessment of the possibility to provide storage in a SWM facility to be constructed on one of the industrial parcels (as opposed to in a linear facility originally recommended) was considered. The City requested that the scope be expanded to include evaluation of conceptual servicing options for this parcel and as a result new environmental field investigations and a supplementary assessment of the site compatibility with the considered servicing options of the EA were required.

The Consultant developed a detailed work program with City staff, including a schedule of tasking and breakdown of costs that satisfactorily addresses the requirements for the revised scope. This assignment allowed for a continuation of the City’s intention to provide full servicing to this area in a comprehensive manner.

Total Estimated Project Cost

Original cost	\$99,300
Original Addendum	\$42,000
Additional cost due to the change of the project scope	\$ 25,230
Total	\$166,530

CONCLUSIONS

Due to the requirement for the development of conceptual SWM servicing evaluation for lands within the Huron Industrial Park and associated environmental field investigations in order to complete a Municipal Class EA study, for the proposed Storm/Drainage and SWM Servicing Works for the Huron Industrial Park Area, it is recommended that the previously approved engineering fees be increased by \$25,230 including contingency, excluding HST bringing the upset amount to \$166,530 in accordance with Section 20.3 (e) of the Procurement of Goods and Services Policy.

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Acknowledgements:

This report was prepared by Berta Krichker, M.Eng., F.E.C., P.Eng., Manager of Stormwater Management Unit, Environmental and Engineering Services.

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

August 19, 2014

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

c.c. Pat Shack – Budget Analyst
John Freeman – Manager, Purchasing and Supply
Delcan