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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JULY 17, 2012
FROM:	JOHN BRAAM, P.ENG. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	APPOINTMENT OF CONSULTING ENGINEER FOR THE DETAILED DESIGN OF THE OLD VICTORIA SWM FACILITY NO. 2 (ES3020-OV2)

RECOMMENDATION

That, on the recommendation of the Acting Executive Director, Planning, Environmental and Engineering Services and City Engineer, the following action **BE TAKEN** with respect to the appointment of a consultant for the Functional Design for the Old Victoria No. 2 SWM Facility (ES3020-OV2):

- (a) Delcan **BE APPOINTED** Consulting Engineers to carry out the Detailed Design for said project in the amount of \$151,100 including contingency, excluding HST, it being noted that the functional design in the amount of \$251,757 was approved by Council in 2011, bringing the total estimated consulting fees for functional and detailed design to \$402,857 including contingency, excluding HST in accordance with Section 15.2(g) 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 consulting fees for the project identified in (a), above, **BE IN ACCORDANCE** with the estimate, on file, which is based upon the Fee Guideline for Professional Engineering Services, 2006, recommended by the Ontario Society of Professional Engineers;
- (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.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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February 21, 2012 – Report to the Planning and Environment Committee – 2012-2016 Growth Management Implementation Strategy

February 6, 2012 – Report to the Planning and Environment Committee – 2012-2016 Growth Management Implementation Strategy

BNEC – May 16, 2011 – Appointment of Consulting Engineer for Functional Design for the Old Victoria No. 2 SWM Facility (ES3019)

BNEC – March 28, 2011 – Application by: Sifton Properties Limited – 1603 Hamilton Road and 1844 Commissioners Road East

BNEC – February 14, 2011 – Sifton Properties Limited – Old Victoria Development Victoria Ridge Subdivision

PC – September 27, 2010 – Old Victoria Development Servicing Options Stormwater

ETC – September 24, 2007 – Municipal Class Environmental Assessment (EA) recommendations for proposed storm/drainage and Stormwater Management (SWM) servicing works for Old Victoria Development Area Plan

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ETC – April 24, 2006 – The appointment of a consultant for the Municipal Class Environmental Assessment (EA) Study for Storm/Drainage and Stormwater Management (SWM) servicing works for land development within the identified Old Victoria total catchment area

BACKGROUND

Purpose:

The purpose of this report is to recommend the appointment of Delcan for the detailed design of the Old Victoria No. 2 SWM Facility.

Context:

The Municipal Class Environmental Assessment (EA), Schedule 'C', the Environmental Study Report for storm/drainage and SWM servicing works for Old Victoria Development Area Plan recommended that Old Victoria No. 2 SWM Facility be constructed west of Hamilton Road to provide water quality and erosion control for a total drainage area of approximately 41 hectares of lands which are currently being proposed for development (location map is shown in Appendix B).

The Growth Management Implementation Strategy identified that the Old Victoria No. 2 SWM facility be constructed in 2015. However, further to the request of the Developer, Council directed the SWM Unit to construct the Old Victoria No. 2 SWM facility in 2012. The construction of the SWMF is scheduled to commence in the fall of 2012 subject to land dedication, easements, consent to enter and approvals from the regulatory agencies.

Discussion:

The assignment of the functional design of the project involved the City issuing a request for proposal to three firms, three firms submitting a proposal and the successful consultant selected using the Quality Based Selection (QBS) approach consistent with the Procurement of Goods and Services Policy. Following the QBS approach staff selected Delcan's proposal as the most qualified in understanding the City's requirements for this project and providing the most value to the City. Delcan has successfully completed the functional design work and therefore staff recommends the award of the detailed design to this consultant in accordance with the Section 15.2(g) of the Policy.

Delcan's proposed work plan for completing the detailed design meets the requirements to proceed with the construction of the Old Victoria No. 2 SWM facility in 2012. The estimated engineering fees associated with this work are \$151,100. Included in the work plan is a provisional item for structural engineering consulting fees in the amount of \$77,200 for the design of a raised pedestrian and vehicular crossing/bridge that may be required at the overflow weir location for flow regime of the 1:250 year events over the weir. This design includes the preparation of design concepts for review and approval by the City to ensure that the people safety, structural/architectural, aesthetics features and cost of the proposed structure are consistent with the City's vision for the ecological and recreational setting.

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Conclusion:

Delcan's proposed work plan meets the requirements to proceed with the construction of the Old Victoria No. 2 SWM facility in 2012. Therefore, it is recommended that Delcan be appointed consulting engineers to carry out the detailed design for said project in the amount of \$151,100 including contingency, excluding HST, it being noted that the functional design in the amount of \$251,757 was approved by Council in 2011, bringing the total estimated consulting fees for functional and detailed design to \$402,857 including contingency, excluding HST.

SUBMITTED BY:	RECOMMENDED BY:
BERTA KRICKER, M.ENG., F.E.C., P.ENG. MANAGER OF STORMWATER STORMWATER MANAGEMENT UNIT	JOHN BRAAM, P.ENG. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER

July 18, 2012

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

Cc: John Braam – Acting Executive Director Planning, Environmental and Engineering Services and City Engineer
John Freeman – Manager, Purchasing and Supply
Pat Shack – Budget Analyst
Delcan

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