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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JULY 21, 2014
FROM:	EDWARD SOLDI, P. ENG. DIRECTOR, ROADS AND TRANSPORTATION
SUBJECT:	APPOINTMENT OF CONSULTING ENGINEER FOR THE FUNCTIONAL & DETAILED DESIGN OF THE OLD VICTORIA NO. 1 STORMWATER MANAGEMENT FACILITY

RECOMMENDATION

That, on the recommendation of the Director, Roads and Transportation, the following actions **BE TAKEN** with respect to appointment of a consultant for functional and detailed design engineering services of the Old Victoria No. 1 Stormwater Management Facility:

- a) AECOM Canada Ltd. **BE APPOINTED** to carry out the functional and detailed design of the Old Victoria No. 1 Stormwater Management Facility (ESSWM-OV1) in the total amount of \$233,506.00 including the City's contingency, excluding HST; in accordance with Section 15.2(d) 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 Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this work;
- 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 20, 2014; Report to Strategic Priorities & Policy Committee – Growth Management Implementation Strategy (GMIS): 2014 Annual Review & Update;

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; and

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.

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BACKGROUND

Purpose

This report recommends the appointment of AECOM Canada Ltd. to carry out engineering services for the functional and detailed design of the Old Victoria No. 1 Stormwater Management Facility (location map is shown in Appendix B).

Context

The need and justification for this project is identified in the approved 2015 Growth Management Implementation Strategy (GMIS), the approved 2014 Development Charges (DC) By-law and DC Background Study and the Old Victoria Area Plan Storm Drainage and SWM Municipal Class Environmental Assessment (EA).

DISCUSSION

Project Description

In accordance with the Municipal Class EA, the Old Victoria No. 1 Stormwater Management Facility was identified as a wet quality and erosion control facility to be constructed and located east of Hamilton Road. In accordance with the Old Victoria Class EA study, the estimated total volume of storage and land requirement for the Old Victoria No. 1 SWM Facility is approximately 23,000 m³ and 2.1 ha respectively.

Consultant Selection

In accordance with Section 15.2(d) of the Procurement of Goods and Services Policy, three consulting firms were invited to submit proposals for the project that included a summary of the project tasks, schedule, and costs. An evaluation committee with representation from the Stormwater Management Unit and Environmental Engineering Services Department with the assistance of Purchasing and Supply reviewed the consultant submissions for the project.

Based on the evaluation criteria and selection process identified in the Request for Proposals, the evaluation committee concluded that the proposal from AECOM Canada Ltd. provides the best value to the City.

AECOM Canada Ltd. has an experienced project team that had a clear understanding of the project scope and requirements. Their past proven experience on similar projects of this nature combined with a project proposal that demonstrated a thorough understanding of the goals and objectives demonstrated their suitability for the undertaking.

In accordance with Section 15.2(d) of the Procurement of Goods and Services Policy, Civic Administration is recommending AECOM Canada Ltd. be appointed as the consulting engineer for the functional and detailed design of the Old Victoria No. 1 Stormwater Management Facility. The submission from AECOM Canada Ltd. includes a fee submission that indicates that the functional design can be completed within the funds available in the project account, ESSWM-OV1.

While this SWM Facility is not in the 2014 Council approved SWM Unit/Wastewater Treatment budget it is identified within the approved 2015 Growth Management Implementation Strategy (GMIS) and the approved 2014 Development Charges (DC) By-law and DC Background Study.

Spring Natural Environment Survey

As per the requirements of the City Environmental Management Guidelines, the project will include an ecological inventory and analysis of ecosystem features, functions and processes with the study area to better inform the functional design. In order to meet the spring survey timing window, a separate purchase order was completed to AECOM Canada Ltd. to proceed with the inventory.

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CONCLUSIONS

The need for the functional and detailed design of the Old Victoria No. 1 Stormwater Management Facility is identified in the approved 2015 Growth Management Implementation Strategy (GMIS), the approved 2014 Development Charges (DC) By-law and DC Background Study and the Old Victoria Area Plan Storm Drainage and SWM Municipal Class Environmental Assessment (EA). The functional design will identify the land requirements for a SWM facility such that the City can proceed with the detailed design and construct the works in accordance with the GMIS and development needs.

Recommendation

Based on the evaluation of the proposals, it is recommended that AECOM Canada Ltd. be awarded the consulting assignment for the functional and detailed design of the Old Victoria No. 1 Stormwater Management Facility at an upset amount of \$233,506.00 including the City's contingency, excluding HST.

Acknowledgements

This report was prepared with the assistance of David Gough, P.Eng., Stormwater Management Engineer of the Stormwater Management Unit.

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

July 16, 2014

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