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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JUNE 16, 2014
FROM:	EDWARD SOLDO, P. ENG. DIRECTOR, ROADS AND TRANSPORTATION
SUBJECT:	APPOINTMENT OF CONSULTING ENGINEER FOR THE FUNCTIONAL & DETAILED DESIGN OF THE MURRAY MARR NO. 4 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 Murray Marr No. 4 Stormwater Management Facility:

- a) Ecosystem Recovery Incorporated **BE APPOINTED** to carry out the functional and detailed design of the Murray Marr No. 4 Stormwater Management Facility (ESSWM-MM4) in the total amount of \$141,427, the estimated Ecosystem Recovery Incorporated consulting fee of \$128,570 plus the City’s contingency of \$12,857, 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;

CWC – October 22, 2012 – Appointment of Consulting Services for the Dingman Creek Subwatershed Update; and

ETC – August 22, 2005 – Dingman Creek Subwatershed Study Update Conclusions and Recommendations.

BACKGROUND

Purpose

This report recommends the appointment of Ecosystem Recovery Incorporated to carry out engineering services for the functional and detailed design of the Murray Marr No. 4 Stormwater Management Facility (location map is shown in Appendix B).

Context

The need and justification for this project was identified in the draft proposed 2014 Development Charges Study, the approved 2014 Growth Management Implementation Strategy, the 2014 Council approved Capital Budget, and the Murray Marr Storm Drainage and SWM Municipal Class Environmental Assessment (EA).

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DISCUSSION

Project Description

In accordance with the Municipal Class EA, the Murray Marr No. 4 Stormwater Management Facility is to be a wet quality, erosion control and quantity control facility constructed and located south of Dingman Drive. In accordance with the Murray Marr Class EA study, the estimated total volume storage and land requirement for the Murray Marr No. 4 SWM Facility is approximately 51,000 m³ and 3.6 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 Ecosystem Recovery Incorporated provides the best value to the City.

Ecosystem Recovery Incorporated has an experienced project team with a clear understanding of the project scope and requirements. Their past experience on similar projects of this nature and 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 Ecosystem Recovery Incorporated be appointed as the consulting engineer for the functional and detailed design of the Murray Marr No. 4 Stormwater Management Facility. The submission from Ecosystem Recovery Incorporated includes a fee submission that indicates that the functional design can be completed within the funds available in the project account, ESSWM-MM4.

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 Limited to proceed with the inventory.

CONCLUSIONS

The need for the functional and detailed design of the Murray Marr No. 4 Stormwater Management Facility is identified in the GMIS 2014 Annual Review and Update and identified in the Murray Marr Storm Drainage and SWM Municipal Class 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 Ecosystem Recovery Incorporated be awarded the consulting assignment for the functional and detailed design of the Murray Marr No. 4 Stormwater Management Facility and Servicing Works at an upset amount of \$141,427, the estimated Ecosystem Recovery Incorporated consulting fee of \$128,570 plus the City's contingency of \$12,857, excluding HST.

Acknowledgements

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

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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	

June 11, 2014

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