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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: | WATER QUALITY EVALUATION OF WATERWAYS APPOINTMENT OF CONSULTANT – IRREGULAR RESULT |

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| RECOMMENDATION |
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That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to appointment of a consultant for the Water Quality Evaluation of Waterways in the City of London:

- a) Parish Geomorphic Ltd. **BE APPOINTED** to carry out the Water Quality Evaluation of Waterways in the City of London in the total amount of \$226,610.00 including the City's 10% contingency, excluding HST; it being noted that Parish Geomorphic Ltd. was the only consultant to respond to the Request for Proposal and their submission meets the City's specifications and requirements in all areas in accordance with Section 19.4(c) 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.

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| PREVIOUS REPORTS PERTINENT TO THIS MATTER |
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None

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| BACKGROUND |
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Purpose

This report recommends the appointment of Parish Geomorphic Ltd. to carry out consultant services for the water quality evaluation of waterways in the City of London. The evaluation is to include water quality sample collection and BioMAP data collection, analysis and reporting. BioMAP data is to be collected during fall 2014, spring 2015 and spring 2016, with water quality samples to be collected seasonally throughout the project duration until the completion of the 2016 calendar year. The evaluation also includes the processing of collected 2013 benthic macro invertebrates that are currently in storage.

Context

In 1995, the City undertook and completed a baseline BioMAP study as a component of the water resources evaluation for the City's thirteen subwatershed studies. The studies were approved by Council in September 1995. The Subwatershed Studies' Implementation Plan incorporated requirements for the City to undertake future water quality monitoring programs including BioMAP. The main objectives of the monitoring programs was to demonstrate that the water quality and ecological health of the receiving watercourses would not be impacted by discharge from municipal infrastructures and/or land developments approved by the City.

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DISCUSSION

Project Description

Based on the City-wide water quality monitoring program including BioMAP, the MOE relieved the City from monitoring requirements for SWM Facilities discharging to the receiving system as a condition of their CoA/ECA with a few exceptions including the Fox Hollow SWM System (Heard Drain and Snake Creek) and Stanton Drain SWM system that are required to be monitored under their CoA.

Since 2006 to 2013, the City's water quality monitoring program including BioMAP was extended based on the further MOE's requirements associated with the watercourses, channel remediation works and discharges from existing constructed SWM Facilities. Today this program incorporates the following waterways:

- Thames River
- Dingman Creek;
- Medway Creek;
- Stoney Creek;
- Pottersburg Creek;
- Stanton Drain; and
- Snake Creek.

The program also incorporates the following SWM facilities:

- Hunt Club;
- Fox Hollow SWM System (Heard Drain and Snake Creek); and
- Murray Marr 2.

The ongoing water quality monitoring program including BioMAP of the City's water resources system provides the City with a valuable opportunity to minimize and/or eliminate additional costs that would be associated with conditions of CofA/ECA for individual SWM facilities.

Consultant Selection

In accordance with Section 15.2(d) of the Procurement of Goods and Services Policy, four consulting firms were invited to submit proposals for the project that included a summary of the project tasks, schedule, and costs. Three of the consulting firms did not submit a proposal. An evaluation committee with representation from the Stormwater Management Unit and Environmental Engineering Services Department with the assistance of Purchasing and Supply reviewed the remaining consultant submission as per Section 19.4 (b) of the Procurement of Goods and Services Policy.

Based on the evaluation criteria and selection process identified in the Request for Proposals, the evaluation committee concluded that the proposal from Parish Geomorphic Ltd. meets the requirements of the City.

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

As there was only one proposal, the consultant selection is an irregular result and can be awarded as per Section 19.4(c) of the Procurement of Goods and Services Policy. Civic Administration is recommending Parish Geomorphic Ltd. be appointed as the consultant for the Water Quality Evaluation of Waterways in the City of London. The submission from Parish Geomorphic Ltd. includes a fee submission that indicates that the evaluation can be completed within the funds available in the project account for the duration of the project.

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| CONCLUSIONS |
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The ongoing water quality monitoring program including BioMAP of the City’s water resources system provides the City with a valuable opportunity to minimize and/or eliminate additional costs that would be associated with conditions of CofA/ECA for individual SWM facilities.

This monitoring program ensures compliance with provincial and federal acts and regulations.

This monitoring program enables the City to demonstrate its stewardship and accountability to the People of London of ensuring that the City’s Water Resources system is well maintained and effort would be taken to enhance the existing ecological health of the system.

Recommendation

Based on the evaluation of the proposal, it is recommended that Parish Geomorphic Ltd. be awarded the consultant assignment for the Water Quality Evaluation of Waterways in the City of London at an upset amount of \$226,610.00 including the City’s 10% contingency, 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: | REVIEWED AND CONCURRED BY: |
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| BERTA KRICKER, M. ENG., F.E.C., P.ENG. MANAGER OF STORMWATER MANAGEMENT UNIT | EDWARD SOLDO, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION |
| RECOMMENDED BY: | |
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| JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER | |

August 19, 2014

Attach: Appendix “A” – Sources of Financing