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| <b>TO:</b>      | <b>CHAIR AND MEMBERS<br/>CIVIC WORKS COMMITTEE<br/>MEETING WEDNESDAY, JUNE 8, 2016</b>  |
| <b>FROM:</b>    | <b>JOHN BRAAM, P.ENG.<br/>MANAGING DIRECTOR OF ENVIRONMENTAL &amp; ENGINEERING<br/>SERVICES &amp; CITY ENGINEER</b>             |
| <b>SUBJECT:</b> | <b>APPOINTMENT OF CONSULTANT<br/>ENGINEERING SERVICES FOR CLASS EA AND<br/>DESIGN OF UPGRADES FOR EAST PARK PUMPING STATION</b> |

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| <b>RECOMMENDATION</b> |
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That, on the recommendation of the Managing Director Environmental and Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to appointment of a consultant for engineering services for the Municipal Class Environmental Assessment (Class EA) and design of upgrades for East Park Pumping Station:

- a) R.V. Anderson Associates Limited **BE APPOINTED** Consulting Engineers in the amount of \$122,892.00 including 20% contingency, excluding HST, based upon the Fee Guideline for Professional Engineering Services, recommended by the Ontario Society of Professional Engineers; and in accordance with Section 15.2 (d) of the City of London's 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 project;
- d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract; 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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| <b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b> |
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Civic Works Committee (September 22, 2014):  
 Optimization of London Wastewater Treatment Plants - A Strategy and Roadmap  
 Civic Works Committee (November 2, 2015):  
 Appointment of Consultant Master Plan/Municipal Class EA for the Pottersburg-Vauxhall Interconnect

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| <b>BACKGROUND</b> |
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**Purpose:**

To seek Municipal Council Approval to award Engineering services related to Class EA and design of upgrades for the East Park PS

## **Background:**

A significant portion of the excess East Park PS capacity has already been committed to various growth throughout the sewershed. The Industrial Land Development Strategy identifies growth opportunity in the south east area of the City, and this area is within the East Park PS sewershed. In order to service previously allocated growth, and yet still allow for the additional growth identified in the Strategy and other areas, the Capital Works Budget includes preparations for an expansion of the East Park PS.

The East Park PS property currently has space available for an expansion, and it is anticipated that any upgrades will be located within the current fence line. However, any project that increases the rated capacity of a pumping station through the construction of new buildings or tankage requires that a Schedule B Municipal Class EA be undertaken.

The completion of the Class EA will include development of a preliminary design concept, which will be carried through detailed design to a “tender-ready” state. Timing of construction is not clear at the outset of this project, so engineering services during construction are not included as part of this assignment.

An upgraded East Park PS also forms an essential component of the City’s long-term strategy for optimization of wastewater treatment operations. It is possible that it could form part of an interconnection between Pottersburg WWTP and Vauxhall WWTP because of its role in conveying flows to Pottersburg WWTP. This interconnection is part of the optimization project that has been presented to Council and is currently in the final phases of public consultation. The inclusion of East Park PS in this strategy will be assessed as part of this assignment.

Detailed design of the Pottersburg-Vauxhall optimization will be awarded under a separate procurement process expected to commence in the summer of 2016.

## **Purchasing Process**

The City issued a Request for Proposal (RFP) under RFP 16-23 to three Engineering Consulting firms from the City’s approved vendor list. All three firms submitted compliant bids.

The submissions were reviewed by staff from Wastewater Treatment Operations. Purchasing and Supply also reviewed the submittals to ensure compliance with the City’s Procurement of Goods and Services Policy.

A Two-Envelope system was used for this RFP, wherein technical proposals were assigned scores prior to opening the financial proposals. Upon the determination of a technical score, the financial proposals were opened, and the proposed upset limit was divided by the technical score as a percent in order to arrive at an adjusted price used for ranking purposes only.

## **Results**

Following the review process, the proposal from R.V. Anderson Associates Ltd. was found to have the lowest adjusted price. This firm is known to the City and has demonstrated the ability to complete similar assignments in the past. It is recommended that the assignment be awarded to R.V. Anderson Associates Ltd.

## **Financial Impact**

Funding for this engineering assignment is available from an existing approved capital budget. Refer to Sources of Financing for details.

## Acknowledgements

This report was prepared with the assistance of Kirby Oudekerk, Wastewater Treatment Operations.

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| <b>PREPARED BY:</b>   | <b>REVIEWED &amp; CONCURRED BY:</b>                             |
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| <b>GEORDIE GAULD<br/>DIVISION MANAGER<br/>WASTEWATER TREATMENT<br/>OPERATIONS</b>                                       | <b>JOHN LUCAS, P.ENG.<br/>DIRECTOR-WATER AND<br/>WASTEWATER</b> |
| <b>RECOMMENDED BY:</b>  |   |
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| <b>JOHN BRAAM, P.ENG.<br/>MANAGING DIRECTOR OF<br/>ENVIRONMENTAL &amp; ENGINEERING<br/>SERVICES &amp; CITY ENGINEER</b> |   |

cc: John Freeman, Manager of Purchasing and Supply  
Chris Ginty, Procurement Officer