

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MAY 24, 2016</b>
<b>FROM:</b>	<b>JOHN BRAAM, P. Eng. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>APPOINTMENT OF CONSULTING ENGINEER FOR CONTRACT ADMINISTRATION SERVICES ASSOCIATED WITH THE CONSTRUCTION OF 2016 INFRASTRUCTURE RENEWAL PROJECTS: WILLIAM ST AND WELLINGTON ST RECONSTRUCTION, ASHLAND AVE RECONSTRUCTION AND IROQUOIS AVE RECONSTRUCTION</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Managing Director, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the appointment of a Consulting Engineer for the following 2016 Infrastructure Renewal Projects; William St and Wellington St Reconstruction, Ashland Ave Reconstruction and Iroquois Ave Reconstruction:

- (a) The following Consulting Engineering firms **BE AUTHORIZED** to carry out the contract administration services, including geotechnical services for the projects, at the upset amounts identified below, in accordance with the estimate on file, based upon the Fee Guideline for Professional Engineering Services, recommended by the Ontario Society of Professional Engineers; and in accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy:
  - (i) William St and Wellington St Reconstruction: RV Anderson Associates Limited (RVA), in the amount of \$177,100.00 including contingency, excluding HST.
  - (ii) Ashland Ave Reconstruction: Stantec Consulting Ltd. (Stantec); in the amount of \$190,047.00, including contingency, excluding HST.
  - (iii) Iroquois Ave Reconstruction: Archibald, Gray & McKay Ltd. (AGM); in the amount of \$207,452.30 including contingency, excluding HST.
- (b) the financing for the work identified in (a), above, **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 for the work to be done relating to these projects (William & Wellington St Tender 16-03, Ashland Ave Tender 16-17 and Iroquois Ave Tender 16-28); and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other document, if required, to give effect to these recommendations.

## PREVIOUS REPORTS PERTINENT TO THIS MATTER

- Appointment of Consulting Engineers, Infrastructure Lifecycle Renewal Program 2016-2017, Civic Works Committee, June 2, 2015, Agenda Item # 5

## 2015-19 STRATEGIC PLAN

The 2015-2019 Strategic Plan identifies this objective under Building a Sustainable City: 1B – Manage and improve our water, wastewater and stormwater infrastructure and services.

## BACKGROUND

### Purpose

This report recommends the appointment of three Consulting Engineering firms to carry out contract administration services necessary to complete and construct the following three 2016 Infrastructure Renewal Projects:

William St and Wellington St Reconstruction  
Ashland Ave Reconstruction  
Iroquois Ave Reconstruction

These infrastructure renewal projects were recently tendered and awarded in accordance with the City's Procurement of Goods and Services Policy (PGSP) under the City's Administrative Approval process as the value of the tenders were under three (3) million dollars.

### Context

Due to a PGSP change under the City's Administrative Approval process, if the value of a budget approved construction project is under (3) million dollars, tender award is managed administratively. However, the appointment of Professional Consulting services for continuation of engineering services is still required to be approved by the Municipal Council for fees over \$100,000.

This report bundles the appointment of three consulting engineering assignments to provide contract administration services for the three noted construction projects already tendered and approved. Funds have been budgeted in the Transportation, Water and Sewer Capital Budgets to support the continuation of engineering work for these projects as identified in the "Sources of Financing Report", Appendix "A".

## DISCUSSION

RVA, Stantec and AGM were previously approved by the Municipal Council to prepare all approvals, complete the detailed design engineering work, and tender drawing and document package for Infrastructure Renewal Projects William and Wellington St Reconstruction, Ashland Ave Reconstruction and Iroquois Ave Reconstruction, respectively. It was noted at that time that these same consultants will be required to obtain approval to proceed with subsequent phases of engineering for their projects subject to satisfying all financial, reporting and other conditions contained within the PGSP.

These projects have been identified as high priorities in the replacement programs due to the poor condition of the municipal infrastructure and in some cases, the need for sewer separation. The sanitary sewer, private drain connections and watermains on these streets are old and have reached the end of their life expectancy.

Over the past year, these firms have connected with the community related to their projects with public meetings and onsite consultation. They are well positioned to manage the societal needs of the community during the construction phase of these projects. Given their engineering foresight, knowledge, and experience, these firms were requested to submit a proposal to continue with the construction phase of these projects and carry out inspection, contract administration and engineering services.

In accordance with Section 15.2(g) of the PGSP, Civic Administration is recommending that these firms be authorized to carry out the remainder of engineering services to complete these projects. The continued use of these firms for the noted projects is of financial advantage to the City due to the fact that these firms have specific knowledge of the project and have undertaken work for which duplication would be required if another firm were to be selected. The approval of these works will increase the value of the existing consulting engineering assignments noting the total fees associated with these works are listed in the table below.

<b>INFRASTRUCTURE RENEWAL PROJECT</b>	<b>Inspection, Contract Administration &amp; Engineering Services</b>	<b>Total Engineering Design &amp; Contract Administration</b>
<b>T16-03 William St and Wellington St Reconstruction:</b> RVA	<b>\$177,100.00</b>	<b>\$355,300.00</b>
<b>T16-17 Ashland Ave Reconstruction:</b> STANTEC	<b>\$190,047.00</b>	<b>\$397,464.10</b>
<b>T16-28 Iroquois Ave Reconstruction:</b> AGM	<b>\$207,452.30</b>	<b>\$454,490.30</b>

These firms have shown their competency and expertise with infrastructure projects of this type and have provided good performance in the past on City projects. City staff continue to foster a collaborative working relationship with these consultants that focuses on achieving the lowest life cycle cost and highest service performance for municipal infrastructure to the benefit of water and sewer rate payers and taxpayers in the long term.

<b>CONCLUSIONS</b>
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The continued use of these Professional Consulting Engineering firms for the remainder of engineering services is required to complete the three noted 2016 Infrastructure Renewal Reconstruction Projects. It is in the best financial and technical interests of the City and will allow the project objectives to be met on time and within the available budget, it being noted that these consultants have satisfied all financial, reporting and other conditions contained within the Procurement of Goods and Services Policy.

**Acknowledgements:**

This report was prepared within the Water Engineering Division by Doug Harron, CET, Senior Technologist.

<b>SUBMITTED BY:</b>	<b>SUBMITTED BY:</b>
<b>TOM COPELAND, P. ENG. DIVISION MANAGER WASTEWATER &amp; DRAINAGE ENGINEERING</b>	<b>ROLAND WELKER, P. ENG. DIVISION MANAGER WATER ENGINEERING</b>
<b>REVIEWED AND CONCURRED BY:</b>	<b>RECOMMENDED BY:</b>
<b>JOHN LUCAS, P. ENG. DIRECTOR WATER &amp; WASTEWATER ENVIRONMENTAL AND ENGINEERING SERVICES</b>	<b>JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>

May 16, 2016

Attach: Appendix "A" – Sources of Financing

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