

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING OF MAY 9, 2017</b>
<b>FROM:</b>	<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT</b>	<b>APPOINTMENT OF CONSULTING ENGINEER FOR CONTRACT ADMINISTRATION SERVICES ASSOCIATED WITH THE CONSTRUCTION OF 2017 INFRASTRUCTURE RENEWAL PROJECTS: WATERLOO ST, TROWBRIDGE AVE</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 2017 Infrastructure Renewal Projects; Waterloo St Reconstruction, Trowbridge 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) Waterloo St Reconstruction: Stantec Consulting Ltd. (Stantec), in the amount of \$148,936.90 including contingency, excluding HST.
  - (ii) Trowbridge Ave Reconstruction: Dillon Consulting Ltd. (Dillon); in the amount of \$227,573.50, including contingency, excluding HST.
- (b) the financing for the work identified in (a) above, **BE APPROVED** in accordance with the "Source 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 these approvals;
- (d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract or issuing a purchase order for the work to be done; and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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- Appointment of Consulting Engineers, Infrastructure Renewal Program 2017-2018, Civic Works Committee, June 8, 2016, Agenda Item # 4
- Appointment of Consulting Engineer for Contract Administration Services Associated with the Construction of 2017 Infrastructure Renewal Projects - Emery St, East Mile Road/Oban Crescent/Glen Crescent/Hyman Street/Victor Street/Tecumseh Avenue/Byron Avenue, Civic Works Committee, March 27, 2017, Agenda Item #7

## BACKGROUND

### **Purpose**

This report recommends the appointment of two Consulting Engineering firms to carry out contract administration services necessary to complete and construct the following two 2017 Infrastructure Renewal Projects:

Waterloo St Reconstruction,  
Trowbridge 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 million dollars.

### **Background**

Due to a PGSP change under the City's Administrative Approval process, if the value of a budget approved construction project is under three 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 two consulting engineering firms to provide contract administration services for the two 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**

Stantec and Dillon 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 Waterloo St Reconstruction (Stantec) and Trowbridge Ave Reconstruction (Dillon). 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. These firms have satisfactorily completed a substantial part the projects and are recommended for award of the balance of the projects having satisfied all financial, reporting and other conditions required of the Policy. It is to the financial advantage of the City due to the fact that these consultants have specific knowledge of the project and have undertaken work for which duplication would be required if another firm were to be selected.

In addition, staff have reviewed the fee submissions in detail considering the hourly rates provided by each staff member. Staff have confirmed that hourly rates are consistent with those submitted through competitive processes. Staff also reviewed the time allocated to each project related task. Staff can confirm that the amount of time allocated to each project task is consistent with prior projects of a similar nature that have been awarded through a competitive process. In general, all of the assignments are found to be reasonable and in-line with those that would be expected through a competitive process.

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>
T17-45; Waterloo St Reconstruction: Stantec	<b>\$148,936.90</b>	\$365,578.40
T17-05; Trowbridge Ave Reconstruction: Dillon	<b>\$227,573.50</b>	\$431,493.50

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.

### **Conclusions**

The continued use of these Professional Consulting Engineering firms for the remainder of engineering services is required to complete the two noted 2017 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>SCOTT MATHERS, MPA, 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>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>

May 4, 2017

Attach: Appendix "A" – Sources of Financing

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cc Stantec  
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