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| TO: | CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MAY 5, 2015 |
| FROM: | JOHN BRAAM, P. Eng. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER |
| SUBJECT: | APPOINTMENT OF CONSULTING ENGINEER FOR INSPECTION, CONTRACT ADMINISTRATION AND ENGINEERING SERVICES ASSOCIATED WITH THE CONSTRUCTION OF 2015 INFRASTRUCTURE RENEWAL PROJECTS: BRUCE & BRIGHTON RECONSTRUCTION AND WELLINGTON RECONSTRUCTION |

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| RECOMMENDATION |
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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 2015 Infrastructure Renewal Projects; Bruce & Brighton Reconstruction and Wellington Reconstruction:

- (a) The following Consulting Engineering firms **BE AUTHORIZED** to carry out the inspection, contract administration and engineering services, including geotechnical services for the said 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) Bruce & Brighton Reconstruction: Archibald, Gray & McKay Engineering Limited (AGM), in the amount of \$251,625.50, including contingency, excluding HST.
 - (ii) Wellington Reconstruction: AECOM Canada Ltd. (AECOM); in the amount of \$213,950.00, 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 with the Consultant for the project; and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other document, if required, to give effect to these recommendations.

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| PREVIOUS REPORTS PERTINENT TO THIS MATTER |
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- Appointment of Consulting Engineers, Infrastructure Lifecycle Renewal Program 2014-2015, (Contract 6), Civic Works Committee, May 26, 2014, Agenda Item # 8.
- Appointment of Consulting Engineers, Infrastructure Lifecycle Renewal Program 2013-2014, (Contract A), Civic Works Committee, May 27, 2013, Agenda Item # 13

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BACKGROUND

Purpose

This report recommends the appointment of two Consulting Engineering firms to carry out inspection, contract administration, and engineering services necessary to complete and construct the following two 2015 Infrastructure Renewal Projects:

- Bruce & Brighton Reconstruction
- Wellington 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.

This report bundles the appointment of two consulting engineering assignments, to inspect and administer 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”. The Committee can expect similar reports in the future.

DISCUSSION

AGM and AECOM 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 Bruce & Brighton Reconstruction, and Wellington 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 surrounding 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.

| INFRASTRUCTURE RENEWAL PROJECT | Inspection, Contract Administration & Engineering Services | Total Engineering Design & Contract Administration |
|--|--|---|
| T15-01 Bruce & Brighton Reconstruction: AGM | \$251,625.50 | \$527,335.00 |
| T15-09 Wellington Reconstruction: AECOM | \$213,950.00 | \$338,404.00 |

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.

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| CONCLUSIONS |
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The continued use of these Professional Consulting Engineering firms for the remainder of engineering services is required to complete the two noted 2015 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 Wastewater and Drainage Engineering Division by Ugo DeCandido, P.Eng., Environmental Service Engineer.

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| SUBMITTED BY: | SUBMITTED BY: |
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| TOM COPELAND, P. ENG. DIVISION MANAGER WASTEWATER & DRAINAGE ENGINEERING | ROLAND WELKER, P. ENG. DIVISION MANAGER WATER ENGINEERING |
| CONCURRED BY: | RECOMMENDED BY: |
| | |
| JOHN LUCAS, P. ENG. DIRECTOR WATER & WASTEWATER ENVIRONMENTAL AND ENGINEERING SERVICES | JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER |

April 28, 2015
 Attach: Appendix "A" – Sources of Financing

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cc AGM, 3514 White Oak Road, London ON, N6E 2Z9
 AECOM, 285 King Street, Suite 300, London ON, N6B 3M6