

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING OF MARCH 27, 2017
FROM:	KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT	APPOINTMENT OF CONSULTING ENGINEER FOR CONTRACT ADMINISTRATION SERVICES ASSOCIATED WITH THE CONSTRUCTION OF 2017 INFRASTRUCTURE RENEWAL PROJECTS: EMERY ST, EAST MILE RD/OBAN CR/GLEN CR, HYMAN ST, VICTOR ST/TECUMSEH AVE/BYRON AVE

RECOMMENDATION

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; Emery Street Reconstruction, East Mile Road/Oban Cr/Glen Cr Reconstruction, Hyman Street Reconstruction and Victor Street/Byron Ave/ Tecumseh Avenue 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) Emery St Reconstruction: Spriet Associates London Ltd. (Spriet), in the amount of \$243,793.00 including contingency, excluding HST.
- (ii) East Mile Rd/Oban Cr/Glen Cr Reconstruction: Development Engineering (London) Ltd. (DELL); in the amount of \$228,002.50, including contingency, excluding HST.
- (iii) Hyman St Reconstruction: Archibald, Gray and McKay Engineering Ltd. (AGM), in the amount of \$107,303.00 including contingency, excluding HST.
- (iv) Victor St/Byron Ave/Tecumseh Ave Reconstruction: Archibald, Gray and McKay Engineering Ltd. (AGM), in the amount of \$231,572.00 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 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.

PREVIOUS REPORTS PERTINENT TO THIS MATTER

- Appointment of Consulting Engineers, Infrastructure Renewal Program 2016-2017, Civic Works Committee, June 2, 2015, Agenda Item # 5
- Appointment of Consulting Engineers, Infrastructure Renewal Program 2017-2018, Civic Works Committee, June 8, 2016, Agenda Item # 4

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 four 2017 Infrastructure Renewal Projects:

Emery St Reconstruction,
East Mile Rd/Oban Cr/Glen Cr Reconstruction,
Hyman St Reconstruction,
Victor St/Byron Ave/Tecumseh 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 three consulting engineering firms to provide contract administration services for the four 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

Spriet, DELL 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 Emery St Reconstruction (Spriet), East Mile Rd/Oban Cr/Glen Cr Reconstruction (DELL), Hyman St Reconstruction (AGM), Victor St/Byron Ave/Tecumseh Ave Reconstruction (AGM). 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.

INFRASTRUCTURE RENEWAL PROJECT	Inspection, Contract Administration & Engineering Services	Total Engineering Design & Contract Administration
T17-03; Emery St Reconstruction: Spriet	\$243,793.00	\$454,569.50
T17-10; East Mile Rd, Oban Cr and Glen Cr Reconstruction: DELL	\$228,002.50	\$481,057.50
T17-04; Hyman St Reconstruction: AGM	\$107,303.00	\$257,758.00
T17-13; Victor St, Byron Ave, Tecumseh Ave Reconstruction: AGM	\$231,572.00	\$477,705.00

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.

Conclusions

The continued use of these Professional Consulting Engineering firms for the remainder of engineering services is required to complete the four 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.

SUBMITTED BY:	SUBMITTED BY:
TOM COPELAND, P. ENG. DIVISION MANAGER WASTEWATER & DRAINAGE ENGINEERING	SCOTT MATHERS, MPA, P. ENG. DIVISION MANAGER WATER ENGINEERING
REVIEWED AND CONCURRED BY:	RECOMMENDED BY:
JOHN LUCAS, P. ENG. DIRECTOR WATER & WASTEWATER ENVIRONMENTAL AND ENGINEERING SERVICES	KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER

March 13, 2017

Attach: Appendix "A" – Sources of Financing

\\file1\shared\shared engineering infrastructure\2017 projects\cwc reports\continuation of consulting engineering assignments - ca phase\civic works march 27 - continuation ca engineering - consultant 2017 project report i.docx

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