

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 17, 2018
FROM:	KELLY SCHERR, P. ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	2018 INFRASTRUCTURE RENEWAL PROGRAM CONSULTANT CONSTRUCTION SUPERVISION AWARDS CAVENDISH CRESCENT AND AVALON STREET PROJECTS

RECOMMENDATION

- (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, and in accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy:
- (i) Cavendish Crescent Phase 1 Reconstruction: Spriet Associates London Ltd. (Spriet), in the amount of \$243,595.00 including contingency, excluding HST.
 - (ii) Avalon Street Reconstruction: R.V. Anderson Associates Limited, in the amount of \$526,399.50 including contingency, excluding HST.
- (b) the financing for this project **BE APPROVED** as set out in 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 or issuing a purchase order for the work to be done relating to these projects (Cavendish Crescent, Phase 1 Tender 18-06, Avalon Street Tender 18-42); 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
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- 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

2015-2019 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 two Consulting Engineering firms to carry out contract administration services necessary to complete and construct the following two 2018 Infrastructure Renewal Projects:

- Cavendish Crescent Phase 1 Reconstruction, and
- Avalon Street Reconstruction.

This report bundles the appointment of two consulting engineering assignments to provide contract administration services for the two noted construction projects. Funds have been budgeted in the Wastewater and Water Capital Budgets to support the continuation of engineering work for these projects.

Context

The Cavendish Crescent infrastructure renewal projects was recently tendered and will be 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.

The Avalon Street Reconstruction project will be tendered and constructed in two phases; with the first phase planned to be tendered and constructed in 2018, and the second phase to be tendered in December 2018 and constructed in 2019. The consulting fees identified for R.V. Anderson cover the entire remainder of the project (Phase 1 and Phase 2).

DISCUSSION

Spriet and R.V. Anderson were awarded the detailed design for Cavendish Crescent and Avalon Street by Council on June 10, 2015 and June 14, 2016 respectively. Due to their knowledge and positive performance on the project, each consultant was invited to submit a proposal to carry out the contract administration and resident supervision. Staff have reviewed the fee submission in detail considering the time allocated to each project task along with hourly rates provided by each of the consultant's staff members. That review of assigned personnel, time per project task, and hourly rates are consistent with other Infrastructure Renewal Program assignments of this scope and nature. The continued use of Spriet on Cavendish Crescent and of R.V. Anderson on Avalon Street for construction administration is of financial advantage to the City due to the fact that each firm has specific knowledge of the project and has undertaken work for which duplication would be required if another firm were to be selected.

In addition to the financial advantage, there are also accountability and risk reduction benefits. The City requires a Professional Engineer to seal all construction drawings. These "record drawings" are created based on field verification and ongoing involvement by the Professional Engineer. This requirement promotes consultant accountability for the design of these projects and correspondingly reduces the City's overall risk exposure. Consequently, the continued use of the consultant who created and sealed the design drawings is required in order maintain this accountability process and to manage risk. In accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy, each firm has satisfactorily completed a substantial part of the project and is recommended for award of the balance of the

project. It is recommended that Spriet and R.V. Anderson be authorized to carry out the remainder of engineering services to complete these projects. The table below identifies the total amount for engineering services for each project (excluding HST).

INFRASTRUCTURE RENEWAL PROJECT	Inspection, Contract Administration & Engineering Services	Total Engineering Design & Contract Administration
T18-06; Cavendish Crescent Phase 1 Reconstruction: Spriet	\$243,595.00	\$615,970.00
Avalon Street Reconstruction: R.V. Anderson	\$526,399.50	\$812,341.50

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 2018 Infrastructure Renewal 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 Crystal McQuinn, C.E.T., Technologist II, and reviewed by Kyle Chambers, P. Eng., Environmental Services Engineer.

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

April 5, 2018

KC/crm

Attach: Appendix 'A' – Sources of Financing

c.c. Aaron Rozentals
Edward Soldo
R.V. Anderson Associates

John Freeman
Ugo DeCandido

Gary McDonald
Spriet Associates