

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 18, 2019
FROM:	KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	APPOINTMENT OF CONSULTING ENGINEER FOR THE DETAILED DESIGN & TENDERING OF THE CHURCHILL AVENUE INFRASTRUCTURE RENEWAL PROJECT

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the appointment of a Consulting Engineer for the Churchill Avenue Reconstruction Project:

- (a) Dillon Consulting Limited **BE APPOINTED** Consulting Engineers for the detailed design and tendering for the project at an upset amount of \$453,200.00 (excluding HST) in accordance with Section 15.2 (g) of the Procurement of Goods and Services Policy;
- (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 with the Consultant for the work; 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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Civic Works Committee, July 17, 2017 – Appointment of Consulting Engineers Infrastructure Renewal Program 2017 – 2019: Recommendation b) (ix).

2015-19 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus area of Building a Sustainable City: 1B – Manage and improve our wastewater infrastructure and services.

BACKGROUND

Purpose

The purpose of this report is to seek approval to award Dillon Consulting a contract for engineering consulting services for the design and tendering of municipal services replacements and upgrades for:

- Churchill Avenue – Vancouver Street to Edmonton Street;
- Winnipeg Boulevard – Wavell Street to Churchill Avenue, and;
- Wavell Street – Vancouver Street to Winnipeg Boulevard.

Context

The East Lions Community Centre is being constructed at 1731 Churchill Avenue in the east half of the East Lions Park. Municipal infrastructure, especially storm sewers, in the general area are significantly undersized for current design standards and conditions. Planning for service improvements have been underway since mid-2017.

This infrastructure replacement project has been advanced at this time to complement the construction of the new community centre.

DISCUSSION

Project Description

In March 2018, Dillon Consulting completed the Wavell Servicing Study which primarily focused on developing a comprehensive strategy for a level of service improvement with regards to stormwater management infrastructure within the area bounded by Dundas Street to the north, Wavell Street to the south, Clarke Road to the east and Kiwanis Park to the west. This area is commonly referred to as “Pottersburg”. The study also included a review and assessment of the existing water distribution system and sanitary collection system.

The underground infrastructure in Pottersburg was originally constructed in the 1940s – 1950s as residential development progressed. Many of the side streets were constructed as rural cross sections with twin 200mm storm sewers running the length of the street; ultimately joining up with larger trunk sewers downstream. These existing sewers no longer provide a consistent level of service expected in 2019. Surface ponding has become increasingly problematic in many areas.

These streets have additional infrastructure components such as asphalt, aging sanitary sewers and watermain that are in poor condition and, as such, are in need of replacement.

While the work on Churchill Avenue, Winnipeg Boulevard, and Wavell Street was not originally planned for this year, it has been decided to move the needed work forward in order to be completed in a similar timeframe as the construction of the East Lions Community Centre.

The total cost for this project is anticipated to be in the order of \$5-6 Million. This project is anticipated to be constructed in 2020, pending future budget approval. In addition, the timing of Calgary Street from Dundas Street to Churchill Avenue has been rescheduled in the capital plan to 2021 subject to Council approval of the multiyear budget.

Consultant Selection

Dillon Consulting was selected to undertake the initial infrastructure assessment and improvement planning for this area after a competitive consultant procurement process (see Previous Reports Pertinent to this Matter) in accordance with Section 15.2 (e) of the Procurement of Goods and Services Policy. Due to the consultant’s knowledge and positive performance on the project, Dillon was invited to submit a proposal to carry out the detailed design for the Churchill Avenue infrastructure renewal project. Dillon submitted a proposal which included an upset limit of \$453,200.00. This proposal contains a 10% contingency. 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 is consistent with other infrastructure renewal program assignments of this scope and nature. The continued use of Dillon on this project is of financial advantage to the City because Dillon has specific knowledge of the project and has undertaken work for which duplication would be required if another firm were to be

selected. It is recommended that Dillon continue on with the infrastructure renewal detailed design and tendering in accordance with Section 15.2 (g) of the Procurement of Goods and Services Policy.

Subject to successful completion of the design and tendering phase of this project, Dillon Consulting will be considered for the construction administration stage. Future approval to proceed with subsequent phases of engineering services for this project will be subject to satisfying all financial, reporting and other conditions contained within the Procurement of Goods and Services Policy.

There are no anticipated additional operating costs to the Environmental and Engineering Services budget with approval of this engineering agreement. As the design progresses, additional future operating costs for the roadway, sewers and watermain will be assessed.

CONCLUSIONS

Based on Section 15.2 (g) of the City's Procurement of Goods and Services Policy, it is recommended that Dillon Consulting be awarded the consulting assignment for the detailed design and tendering of the Churchill Avenue Infrastructure Renewal Project, in the amount of \$453,200.00 (excluding HST). Dillon Consulting has shown a good understanding of the project and has the technical expertise to complete the assignment. The proposal represents good value for the City. Construction is tentatively scheduled for 2020. As a result, it is necessary to commence the design and approvals phase of this project immediately.

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

Attach: Appendix 'A' – Sources of Financing
 Appendix 'B' – Area Plan

cc: Mr. Jason Johnson, P.Eng., Dillon Consulting Limited