

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING OF NOVEMBER 1, 2016
FROM:	KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT	APPOINTMENT OF CONSULTANTS – CLEAN WATER AND WASTEWATER FUND PROJECTS

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 Consulting Engineers for the Sewer Separation Program applied for under Phase 1 of the Clean Water and Wastewater Fund (CWWF):

- (a) The following Consulting Engineering firms **BE APPOINTED** Consulting Engineers for the pre-design and design of the said projects, at the upset amounts identified below, including contingency and exclusive of HST, 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 d of the City of London’s Procurement of Goods and Services Policy; it being noted that these consultants may obtain approval to proceed with subsequent phases of engineering for their projects subject to satisfying all financial, reporting and other conditions contained within this Policy:
 - (i) Contract 18: Archibald, Gray & McKay Engineering Limited, in the amount of \$228,302.00.
 - (ii) Contract 19: AECOM Canada Ltd, in the amount of \$253,602.00.
 - (iii) Contract 20: Ricor Engineering, in the amount of \$188,680.00.
- (b) the financing for design of the projects 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; and,
- (d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract with each Consultant for the respective project;
- (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
--

- Infrastructure Canada Phase 1 Project Requests Clean Water and Wastewater Fund – Civic Works – October 4, 2016

2015-19 STRATEGIC PLAN

The following report supports the Strategic Plan through a focus on Building a Sustainable City by addressing and managing our infrastructure gap, managing and improving services, and funding Climate Change adaptation.

BACKGROUND

Purpose

The Phase 1 CWWF criteria stipulates that projects under the fund must be completed by March, 2018. This report is to award consulting engineering assignments for anticipated projects.

Background

A number of CWWF projects require immediate initiation in the form of engineering assignments to meet the funding program's March 2018 Phase 1 completion deadline. Completing them on time is critical to maximizing the 75% cost recovery available in the program.

The projects recommended for design in this report fit the criteria of the CWWF, particularly so because of their sewer separation components. They represent an expansion to an existing program of infrastructure improvement.

Discussion

Following the procurement practices established through our annual Infrastructure Renewal Program, this report recommends the appointment of Engineering Consultants for three engineering design assignments as identified in Appendix 'B'. Engineering services during construction and construction contract approval recommendations will follow design and tender of each project.

Should the Phase 1 CWWF application be successful the Environmental & Engineering Services Area (EES) plans to deliver these additional projects with existing internal resources. EES is, however, reviewing resource commitments when considering potential Phase 2 project workloads, including those needed in Water and Wastewater & Treatment to support transportation projects that may arise from the Phase 1 (and subsequent phases) Public Transit Infrastructure Funding opportunities.

The authorization to award these consulting assignments, at this time, provides the best opportunity for these projects to be completed within the timeline specified in the criteria of the Clean Water and Wastewater Fund. This will allow the City to fully utilize this important opportunity to improve City infrastructure with funding from the provincial and federal governments.

Acceleration strategies for other anticipated CWWF projects are under development and will be the subject of future reports.

Acknowledgements

The following Environmental and Engineering Services Divisions:
Wastewater and Drainage; Wastewater Treatment Operations; Water Engineering;
Stormwater Engineering; Construction Administration; and Water Operations.

The following Finance and Corporate Services Divisions:
Financial Policy and Planning; and Purchasing and Supply.

PREPARED BY:	REVIEWED AND CONCURRED BY:
TOM COPELAND, P.ENG. DIVISION MANAGER WASTEWATER AND DRAINAGE ENGINEERING	JOHN LUCAS, 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” - Project Information list, Consultants & Construction Estimates

CC: AECOM Canada Ltd, 410 – 250 York Street, Citi Plaza, N6A 6K2
 Archibald, Gray & McKay Engineering, 3514 White Oak Road, N6E 2Z9
 Ricor Engineering, 211 Adelaide Street South, N5Z 3K7

Appendix “B”

Project Information List, Consultants & Construction Estimates

**2017 SEWER SEPARATION CLEAN WATER AND
WASTEWATER FUND PROJECTS
CONSULTANT ASSIGNMENTS**

(updated Oct 17, 2016: Council Meeting Nov 1, 2016)

2017 Construction: 2016-2017 Design Engineering							
CONTRACT	STREET	From	To	CONSULTANT	LENGTH (~ m)	CONCEPTUAL CONSTRUCTION ESTIMATE	DIVISIONS FUNDING
18	FRANCES MARGARET ETHEL	EGERTON EGERTON MARGARET	85m E of ETHEL 85m E of ETHEL FRANCES	AGM	425 330 100	~ \$3.1 M	CWWF
19	ELWORTHY FRANKLIN	CATHCART WORTLEY	BASELINE RIDOUT	AECOM	450 280	~ \$2.5 M	CWWF
20	GROSVENOR	MAITLAND	ADELAIDE	RICOR	480	~ \$1.9 M	CWWF

Each year the City completes approximately ten reconstruction projects under the Infrastructure Renewal Program. These projects typically include watermain and sewer replacement/repairs, as well as restoration of areas disturbed by the construction activity. The projects support the objectives identified in the Strategic Plan under Building a Sustainable City – Robust Infrastructure, by implementing Water and Wastewater Renewal Plans that address the infrastructure deficit. Typically, consulting engineers are assigned for the Infrastructure Renewal Program in June of the year before construction.

The Clean Water and Wastewater Fund gives the City an important opportunity to expand the number of projects to be done in 2017 with provincial and federal government funding. To better fit the criteria of the fund, projects have been chosen that have a sewer separation component.