

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee

From: Kelly Scherr, P.Eng., MBA, FEC
Deputy City Manager, Environment and Infrastructure

Subject: Appointment of Consulting Engineering Hyde Park Pumping Station Upgrades

Date: June 22, 2021

Recommendation

That on the recommendation of the Deputy City Manager, Environment and Infrastructure, the following actions **BE TAKEN** with respect to the appointment of consulting services for the detailed design and contract administration of the Hyde Park Pumping Station Upgrades project:

- (a) The proposal submitted by AECOM Canada Ltd., 410-250 York Street, Citi Plaza, London, Ontario N6A 6K2, in the amount of \$130,456.00, including contingency (\$20,000.00), excluding H.S.T, **BE AWARDED** in accordance with Section 15.2 (d) of the City of London's 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; and
- (d) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

Executive Summary

Purpose

This report recommends that AECOM Canada Ltd. be appointed as the consultant to undertake the detailed design and contract administration of the Hyde Park Pumping Station Upgrades project.

Context

The Hyde Park Pumping Station is responsible for boosting water pressures in the northwest area of the city to ensure end users have acceptable water pressure abiding to both Provincial and City of London standards. As the northwest area of the city continues to grow, upgrades to the pumping station are needed in order to meet both existing and future water demands.

Linkage to the Corporate Strategic Plan

This recommendation supports the following 2019-2023 Strategic Plan areas of focus:

- Leading in Public Service:
 - Trusted, open, and accountable in service of our community;
 - Exceptional and valued customer service; and
 - Leader in public service as an employer, a steward of public funds, and an innovator of service.
- Building a Sustainable City:
 - London's infrastructure is built, maintained, and operated to meet the long-term needs of our community.

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter

- Award of Consulting Engineering Services for the South and West London Water Servicing Study – Civic Works Committee Report – August 11, 2020
- Approval of the 2019 Development Charges By-Law and Background Study – Strategic Priorities and Policy Committee Report - May 6, 2019

2.0 Discussion and Considerations

2.1 Project Description

The design of the Hyde Park Pumping Station Upgrades project will include hydraulic modeling of existing and future growth scenarios in the Hyde Park High Pressure Zone to determine pumping station upgrade needs. Based on those results, new pump(s), appurtenances, piping, electrical and instrumentation and control equipment will be incorporated into the design and ultimately constructed in the Hyde Park Pumping Station. AECOM Canada Ltd. will carry out the contract administration tasks to ensure the design is implemented as intended.

2.2 Background

The Hyde Park Pumping Station was designed in 2002 and constructed and commissioned in 2004 by Earth Tech Inc. (now AECOM Canada Ltd.). The need for the Hyde Park Pumping Station was based on growth projections in the Hyde Park and Fox Hollow areas in the northwest area of the City of London and to service high level zones. The Hyde Park Pumping Station also services the White Hills area as the Lawson Pumping Station was decommissioned when the Hyde Park Pumping Station was brought into service.

The Hyde Park Pumping Station was equipped with pumping capacity that met the initial (2002) population demands. This pump station was originally scheduled to be upgraded in an earlier year but due to increases in water efficiency, water demand in this area did not increase at the rate originally anticipated. As growth has continued though, installation of a new pump in the spare bay and/or upsizing the existing pumps now needs to be assessed.

3.0 Financial Impact/Considerations

3.1 Consulting Engineer Services

In March of 2021, a Request for Proposal was sent to three firms for consulting services for the Hyde Park Pumping Station Upgrades. All three firms responded, submitting technical proposals and fees. The City's evaluation team determined that the proposal provided by AECOM Canada Ltd. provided the best value. AECOM Canada Ltd. is the most experienced consultant when it comes to hydraulic modeling of our system and they have extensive understanding of how our system operates. AECOM Canada Ltd. also previously completed the design and contract administration of the original Hyde Park Pumping Station.

AECOM's fees were the lowest of the successful proposals and within the budget for the project. Overall, their proposal met all the key project requirements, and their staff are qualified to undertake the required engineering services.

AECOM Canada Ltd. submitted a proposal for \$130,456.00, which includes contingency (\$20,000), excluding HST.

In accordance with Section 15.2 (d) of the City of London's Procurement of Goods and Services Policy, civic administration is recommending that AECOM Canada Ltd. be authorized to carry out the design and construction administration of the Hyde Park

Pumping Station Upgrades project, for a fee \$130,456.00, which includes contingency (\$20,000), excluding HST. These fees are associated with the design and contract administration services to ensure that the City receives the desired system improvements and associated value.

Conclusion

AECOM Canada Ltd. has demonstrated an understanding of the City's requirements for this project, and it is recommended that this firm be awarded as the consulting engineer for the purpose of design and contract administration services, as it is in the best financial and technical interests of the City.

Prepared by: Aaron Rozentals, GDPA, P.Eng., Division Manager,
Water Engineering

Submitted by: Scott Mathers, MPA, P.Eng., Director, Water,
Wastewater, and Stormwater

Recommended by: Kelly Scherr, P.Eng., MBA, FEC, Deputy City Manager,
Environment and Infrastructure

CC: Stephen Romano (City of London), Chris Ginty (City of
London), Neil Awde (AECOM Canada Ltd.)

Appendix 'A' – Sources of Financing

Appendix "A"

#21088

June 22, 2021

(Appoint Consulting Engineer)

Chair and Members

Civic Works Committee

RE: Hyde Park Pumping Station Upgrades

(Subledger FS21HP01)

Capital Project EW3593 - Hyde Park Pumping Station Upgrade

AECOM Canada Ltd. - \$130,456.00 (excluding HST)

Finance Supports Report on the Sources of Financing:

Finance Supports confirms that the cost of this project can be accommodated within the financing available for it in the Capital Budget and that, subject to the approval of the Deputy City Manager, Environment and Infrastructure, the detailed source of financing for this project is:

Estimated Expenditures	Approved Budget	This Submission	Balance for Future Work
Engineering	132,752	132,752	0
Construction	684,048	0	684,048
Total Expenditures	\$816,800	\$132,752	\$684,048
Sources of Financing			
Drawdown from City Services - Water Reserve Fund (Development Charges) (Note: 1)	816,800	132,752	684,048
Total Financing	\$816,800	\$132,752	\$684,048

Financial Note:

Contract Price	\$130,456
Add: HST @13%	16,959
Total Contract Price Including Taxes	147,415
Less: HST Rebate	-14,663
Net Contract Price	<u>\$132,752</u>

Note 1: Development charges have been utilized in accordance with the underlying legislation and the approved 2019 Development Charges Background Study and the 2021 Development Charges Background Study Update.

Jason Davies
Manager of Financial Planning & Policy

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