

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 Engineer for the Hyde Park EA
SWM Works – Assignment ‘B’ Detailed Design

Date: March 1, 2022

Recommendation

That on the recommendation of Deputy City Manager, Environment and Infrastructure, the following actions **BE TAKEN** with respect to the appointment of consulting services for the Hyde Park EA SWM Works – Assignment ‘B’ project:

- (a) Ecosystems Recovery Inc. **BE APPOINTED** consulting engineers to complete the detailed design for the Hyde Park EA SWM Works – Assignment ‘B’ project in accordance with the estimate, on file, at an upset amount of \$172,419.50 (including contingency, provisional items and allowances), excluding HST, in accordance with Section 15.2 (e) 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;
- (d) the approval given, herein, **BE CONDITIONAL** upon the Corporation entering into a formal contract; and
- (e) 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 the appointment of Ecosystems Recovery Inc. (ERI) to complete the detailed design for portions of the stormwater management (SWM) works in the Hyde Park Area identified as Assignment ‘B’.

Context

Since 2002, substantial new development has occurred in the Hyde Park area including numerous parcels of commercial and residential development, as well as major arterial road widenings. The “Hyde Park Community Storm Drainage and Stormwater Management Servicing Municipal Class Environmental Assessment Addendum: Schedule ‘B’ Master Plan” (Hyde Park EA Addendum) study was finalized in October 2020 to recommend solutions to localized stormwater servicing challenges and update servicing solutions since the original SWM EA had been developed in 2002.

The 2020 Hyde Park EA Addendum study made recommendations to balance the requirements of SWM servicing in relation to the natural and built environment. The study identifies retrofits to existing SWM facilities to optimize existing infrastructure, new natural channel construction, Low Impact Development opportunities, and environmental enhancements aimed at mitigating the impacts of development. This design Assignment ‘B’ is the second of two design packages to complete a holistic SWM strategy for the Hyde Park area.

Linkage to the Corporate Strategic Plan

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

- Building a Sustainable City:
 - London's infrastructure is built, maintained, and operated to meet the long-term needs of our community by replacing aged and failing infrastructure with new materials and sizing new infrastructure to accommodate future development.
 - Londoners can move around the city safely and easily in a manner that meets their needs by incorporating cycling infrastructure and safety enhancements; and
 - London has a strong and healthy environment by incorporating stormwater management quantity and quantity controls to protect downstream waterways.

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter

- Civic Works Committee – November 25, 2013 – Hyde Park Nos. 5 and 6 Stormwater Management Facilities.
- Civic Works Committee – April 7, 2014 – Appointment of Consulting Engineer for Engineering Services for the Functional and Detailed Design of the Hyde Park No. 6 SWMF.
- Civic Works Committee – April 28, 2014 - Appointment of Consulting Engineer for the Engineering Services for the Functional and Detailed Design of the Hyde Park No. 5 SWMF.
- Civic Works Committee – May 24, 2016 – Appointment of Consulting Engineer for the Hyde Park Community Stormwater Servicing Environmental Assessment Addendum Consultant Appointment.
- Civic Works Committee – September 25, 2018 – Hyde Park Community Storm Drainage and Stormwater Management Servicing Municipal Class Environmental Assessment Addendum: Schedule B Master Plan Notice of Study Completion; and
- Civic Works Committee – August 31, 2021 – Appointment of Consulting Engineer for the Hyde Park EA SWM Works – Assignment 'A' Detailed Design.

2.0 Discussion and Considerations

2.1 Work Description

This Consultant assignment includes the detailed design of several components of the stormwater management (SWM) works recommended by the Hyde Park EA Addendum. Appendix 'B' shows the location of the works identified as follows:

1. Retrofit Outlet Structure for Hyde Park SWMF 3E.
2. Retrofit Hyde Park SWMF #4 with habitat enhancements.
3. Investigations of Existing Canterbury Estates SWM Facility.
4. 70 +/- metres of Stanton Drain natural channel Remediation (110 +/- metres following the centerline of the channel); and
5. Incorporate and/or verify natural channel design, ecological enhancements and applicable mitigation/compensation features for projects listed above as identified in the Environmental Impact Study (EIS) completed during the EA and any additional features identified through this detailed design.

All work will be designed and constructed in accordance with the mitigation/compensation plan identified in the Environmental Impact Study (EIS) completed during the EA and additional features identified through this detailed design.

2.2 Public Communications

These identified works will be of high interest to residents. This assignment will utilize a similar public communications approach to the City's Infrastructure Renewal Program and will include project letters that will be sent to area residents and electronic presentations that will be prepared and posted on the City's website. This communication material will inform residents about the project prior to construction and will include project contact information. The communication material will include a summary of the necessary work (e.g., tree removals, channel excavation, etc.) that residents should expect to see.

2.3 Additional Hyde Park Stormwater Management Detailed Design

In addition to the current Assignment 'B', there was an Assignment 'A' RFP process that included the detailed design of the other remaining SWM works identified by the Hyde Park EA Addendum. Assignment 'A' was awarded to Stantec Consulting at the August 31, 2021 Civic Works Committee meeting.

3.0 Financial Impact/Considerations

3.1 Procurement Process

The engineering consultant selection procedure for this assignment utilized a competitive Request for Proposal (RFP) process in accordance with Section 15.2(e) of the Procurement of Goods and Services Policy. Four qualified engineering firms from the City's pre-approved consultant list were invited to submit a formal proposal in response to RFP21-45 Hyde Park SWM Works – Assignment 'B' – Detailed Design tasks identified in the Hyde Park EA Addendum listed in Appendix 'B'.

3.2 Consultant Selection

In accordance with Section 15.2(e) of the Procurement of Goods and Services Policy, Staff recommend that Ecosystems Recovery Inc. be authorized to carry out the detailed design of the identified components of the Hyde Park EA works.

In addition to being the successful proponent through the competitive bidding process, Ecosystems Recovery Inc. has formed a proficient project team that has shown their competency and expertise with City infrastructure projects of this nature in the past.

ERI's proposal was selected as the best value to the City to complete a comprehensive project that recognized all of the design elements for this assignment.

3.3 Funding

The contract administration fee has not been included as part of the current assignment as it was not possible to estimate the number of working days to complete the various works prior to completion of the detailed design. The Consultant will only be asked to submit a work plan for construction administration based on the performance during the detailed design. The fees will then be reviewed in the context of other competitive fees from similar SWM projects and assessed in consideration of clause 15.2 (g) of the Procurement of Goods and Services Policy.

Conclusion

Ecosystems Recovery Inc. (ERI) was found to provide the best value to the City through the RFP selection process for consulting services for the detailed design of Hyde Park EA Addendum – Assignment 'B' project. The ERI team has demonstrated the ability to complete the detailed design tasks required for this project, as well as successful consultation and engagement, and demonstrated a solid understanding of this project in

their proposal. It is recommended that Ecosystems Recovery Inc. be awarded this assignment.

Prepared by: **Shawna Chambers, DPA, P.Eng., Division Manager,
Stormwater 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**

Attachments: Appendix 'A' – Sources of Financing
Appendix 'B' – Location Map

CC: Steve Mollon
Gary McDonald
Alan Dunbar
Jason Davies
Jason Senese
Chris Moon - ERI
Paul Titus