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 Kilally Infrastructure Works Detailed Design**
Date: **January 11, 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 Kilally Infrastructure Works project:

(a) Stantec Consulting Ltd. **BE APPOINTED** consulting engineers to complete the detailed design for the Kilally Infrastructure Works project in accordance with the estimate, on file, at an upset amount of $719,535 (including 20% contingency), 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 Stantec Consulting Ltd. to complete the detailed design for the Kilally Infrastructure Works project. A project location map is provided in Appendix 'B'. This project is required to provide integrated water, stormwater, and transportation infrastructure for approximately 130 hectares of future neighbourhood development lands.

Context

The project includes detailed design of an infrastructure system, including water, sanitary, and stormwater connections, road upgrades, and stormwater management facilities. This design project is to be a comprehensive, implementable, and integrated design for 2023 construction that will support future road upgrades scheduled for 2030. This project will include an environmental mitigation and compensation plan with specific consideration for impacts to the adjacent natural environment during the 2023 works and as well as consideration of future impacts associated to the construction of the Clarke Road Bridge scheduled for construction in 2033.

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 – September 25, 2018 – Appointment of Consulting Services for Municipal Class Environmental Assessment, Kilally South, East Basin;
- Civic Works Committee – August 11, 2020, Kilally South, East Basin Municipal Class Environmental Assessment: Notice of Completion;
- Strategic Priorities and Policy Committee – May 18, 2021, 2022 Growth Management Implementation Strategy (GMIS) Update.

2.0 Discussion and Considerations

2.1 Work Description

This assignment includes the detailed design of the Kilally Infrastructure Works to support development in northeast London as identified by the Growth Management Implementation Strategy (GMIS). This includes watermain construction (A30-Ph.2), road profile grading of approximately 2 km of Kilally Road from Webster Street to Clarke Road, and the Kilally South, East Basin SWM 1 regional stormwater pond and outlet. General extents and key components are identified in the Appendix ‘B’ project map.

In addition to the municipal road, water, and stormwater design, a developer-funded private sanitary servicing design will be included in the project scope to maximize coordination and minimize construction disturbance in the area. The overall infrastructure design will consider future infrastructure requirements and provide a comprehensive, implementable, and integrated stormwater management design as identified within the completed Municipal Class Environmental Assessment Kilally South, East Basin: (Ecosystems Recovery, 2021) and the City’s GMIS. The construction of the developer funded private forcemain will be included in the overall construction and funded by the Developer. Design and construction fees will be recovered by the developer in advance of construction.

An Environmental Management Plan will be completed as part of the detailed design to support the construction and surrounding natural environment areas with consideration for the cumulative impacts of the proposed works and the future Clarke Road Bridge project scheduled for 2033.

2.2 Public Communications

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 graphics depicting what the ultimate road corridor will look like, as well as a summary of the necessary work that residents should expect to see (e.g. tree removals, channel excavation, etc.).

3.0 Financial Impact/Considerations

3.1 Procurement Process

The engineering consultant selection procedure for the assignment utilized a two-stage procurement process. This two-stage grouped procurement is in accordance with Section 15.2(e) of the Procurement of Goods and Services Policy.

The first stage of the process is an open, publicly advertised Request for Qualifications (RFQUAL). Statement of Qualifications submissions were received from a province wide group of prospective consultants. The Statement of Qualifications were evaluated by the Environment and Infrastructure Service Area resulting in a short-list of four engineering consulting firms.

The second stage of the process is a competitive Request for Proposal (RFP). Consultants from the short-listed group are invited to submit a formal proposal to undertake the assignment. An evaluation of the proposals was undertaken by the Environment and Infrastructure Service Area, including both a technical and cost component. Engineering consultants are recommended based on their knowledge and understanding of project goals, their experience on directly related projects, their project team members, capacity and qualifications, and overall project fee.

The construction administration fee has not been included as part of the current assignment as it cannot be reasonably estimated prior to the start of the design.

Stantec was found to provide the best value to the City through the two phase RFQUAL and RFP selection process for consulting services for the detailed design of Kilally Infrastructure Works. The Stantec team has a demonstrated 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 Stantec Consulting Ltd. be awarded this assignment.

Conclusion

The proposed consulting team, Stantec Consulting Inc., has demonstrated its understanding of the integrated infrastructure requirements, ability to execute a multi-disciplinary design, and is well-qualified to undertake the detailed design. Based on the review by the evaluation team, it is recommended that retaining Stantec is in the best financial and technical interests of the City. It is recommended that Stantec be awarded this consulting 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**

CC: A.Sones, S. Mollon, J. Paul Consultant

Appendix ‘A’ – Sources of Financing

Appendix ‘B’ – Location Map