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| TO: | CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JUNE 19, 2018 |
| FROM: | KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER |
| SUBJECT: | HYDE PARK ROAD / SUNNINGDALE ROAD WEST ROUNDABOUT DETAILED DESIGN APPOINTMENT OF CONSULTING ENGINEER |

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| RECOMMENDATION |
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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 Hyde Park Road / Sunningdale Road West Roundabout:

- (a) MTE Consultants Inc. **BE APPOINTED** Consulting Engineers to complete the Detailed Design and Tendering Services in the amount of \$278,039.56 (excluding HST), in accordance with Section 15.2 (e) of the Procurement of Goods and Services Policy;
- (b) the financing for this appointment **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 appointment;
- (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.

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| PREVIOUS REPORTS PERTINENT TO THIS MATTER |
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- Civic Works Committee – December 19, 2011 – Hyde Park Road Environmental Study Report, Notice of Completion
- Civic Works Committee – June 19, 2012 – London 2030 Transportation Master Plan
- Strategic Priorities and Policy Committee – June 23, 2014 – Approval of 2014 Development Charges By-Law and Development Charges Background Study.

COUNCIL'S 2015-19 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus area of “Building a Sustainable City” by building new transportation infrastructure as London grows. Upgrading this transportation corridor for all road users will contribute to providing convenient and connected mobility choices to all users.

DISCUSSION

Purpose

This report seeks the approval of the Municipal Council to retain an engineering consultant to undertake the detailed design and tendering services for the Hyde Park Road / Sunningdale Road West Roundabout.

Background

The City of London is responsible for a transportation system that promotes the movement of goods and services to strengthen our economic growth and provides for sustainable transportation mobility choices for residents that improve our quality of life. Building new transportation infrastructure as London grows is part of Council's Strategic Plan.

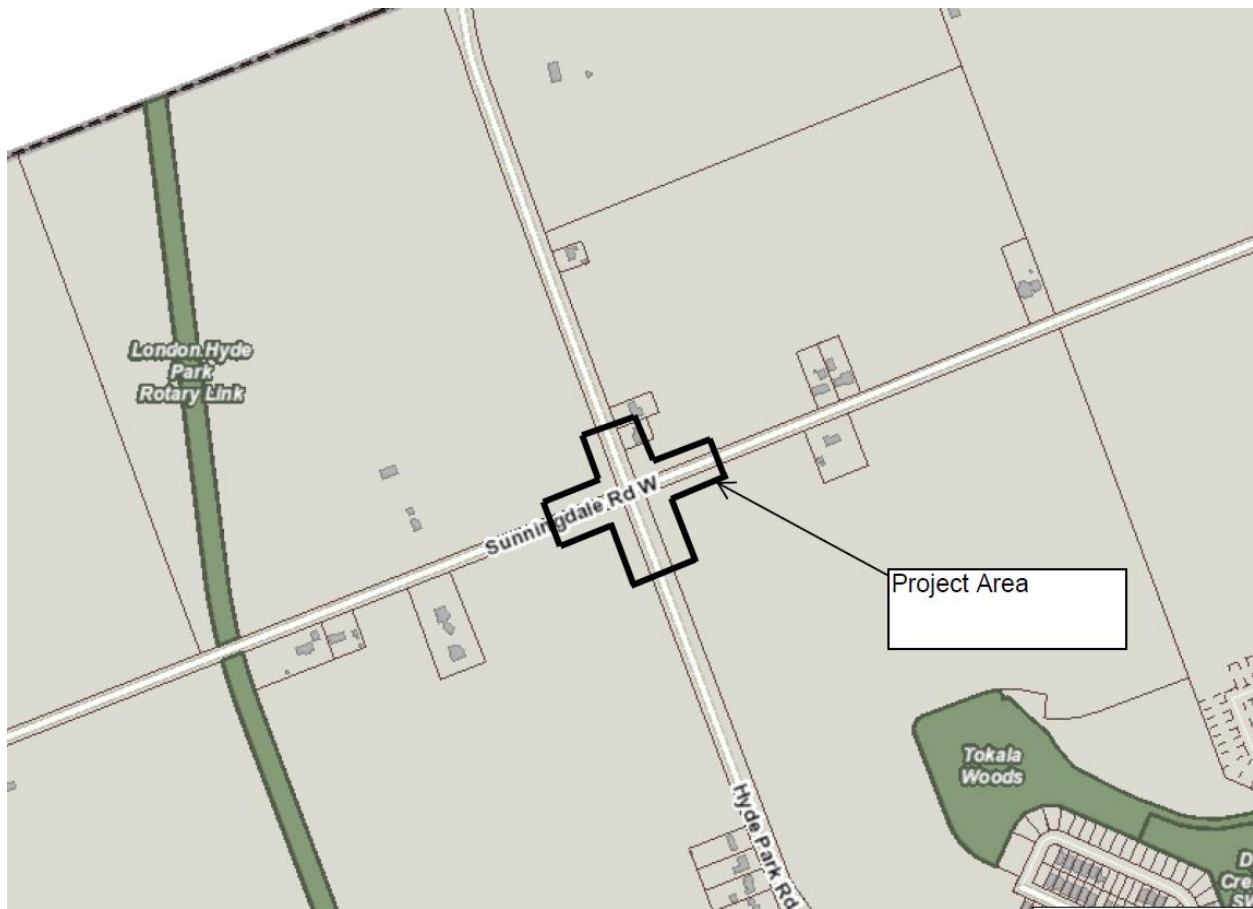
The Hyde Park Road Widening and Improvements Environmental Study Report (ESR) was completed in 2011. It identified a preferred recommended design for the Hyde Park Road corridor which included widening from the existing two lane cross section to a four lane cross section as well as intersection improvements incorporating a roundabout design for Hyde Park Road and Sunningdale Road West.

Project Description

As traffic has continued to grow at this location, intersection control through the implementation of a roundabout is necessary to improve safety and operations. The intersection of Hyde Park Road and Sunningdale Road West has been identified as a priority for these reasons and being recommended for construction in 2021. The current assignment includes the detailed design and tendering services for constructing the intersection improvements at Hyde Park Road and Sunningdale Road West.

The roundabout implementation includes minor upgrades/relocation to water infrastructure, and storm sewer for future development growth. The project also includes illumination, sidewalks, cycling facilities, landscaping, and upgrades to storm drainage. The addition of AODA compliant sidewalks and cycling facilities will increase accessibility for pedestrians and cyclist alike as area development continues and connections are made.

Figure 1: Project Area



The current project limits extend approximately 150 m in all directions from the intersection.

The primary components that will be incorporated in this detailed design and tendering assignment includes:

- Detailed design for the roundabout;
- Detailed design of traffic staging;
- Coordination of service needs, including potential relocation of existing and new infrastructure, as needed;
- Detailed design of storm drainage system:
- Specialist investigations, including geotechnical and archaeological studies;
- Public consultation with agencies (MOECC, UTRCA, MNR, etc.);
- Securing all necessary approvals and permits;
- Property acquisition support for both the acquisitions and the consent-to-enter agreements;
- Preparation of utility plans and coordinate the installation and relocation of utilities;
- Preparation of the complete tender package, including advertisement, review of the submitted tenders for completeness, and contractor recommendations.

Consultant Selection

The consultant procurement process used a two-stage process beginning with an open advertised Request for Qualifications. Based on the received submissions, a shortlist of three consulting firms was created. Associated Engineering, BTE, and MTE Consultants Inc. were short-listed and asked to submit detailed proposals and work plans, receiving submissions from Associated Engineering and MTE Consultants Inc.

Based on the evaluation criteria and best value based selection process identified in the Request for Proposals (RFP), the evaluation committee determined that the proposal from MTE Consultants Inc. provides the best value to the City. MTE has an experienced and multi-faceted project team that has a clear understanding of the project scope and requirements. Their past proven experience on similar projects, combined with a project proposal that confirmed a thorough understanding of the goals and objectives, demonstrated their suitability for the undertaking.

In accordance with Section 15.2 (e) of the Procurement of Goods and Services Policy, Civic Administration is recommending MTE Consulting Inc. be appointment as Consulting Engineers for this detailed design and tendering services assignment.

Subject to successful completion of the design phase of this project, MTE Consultants Inc. 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 operation costs in 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 developed.

CONCLUSION

The Hyde Park Road / Sunningdale Road West Roundabout was identified as a priority with a recommended construction year of 2021 to accommodate future growth demands and improve both traffic operations and safety in the area. Initiation of detailed design and tendering services is required now to meet this schedule.

The detailed design will balance the requirements of all current and potential users of all ages and abilities within the community, including pedestrians, cyclists and motorists, having provisions for the future expansions of both Hyde Park Road and Sunningdale Road West.

Based on the thorough consultant procurement process, it is recommended that MTE Consultants Inc. be awarded the consulting assignment for the detailed design and tendering services of the Hyde Park / Sunningdale Road West Roundabout at an upset amount of \$278,039.56 (excluding HST).

Acknowledgements

This report was prepared with assistance from Sam Shannon, C.E.T., Technologist II, and Ted Koza, P. Eng., both of the Transportation Planning and Design Division.

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| PREPARED BY: | REVIEWED AND CONCURRED BY: |
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| DOUG MACRAE, P. ENG. DIVISION MANAGER TRANSPORTATION PLANNING & DESIGN | EDWARD SOLDO, P. ENG. DIRECTOR, ROADS AND TRANSPORTATION |
| RECOMMENDED BY: | |
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| KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER | |

Attach: Appendix A – Source of Financing

cc: Geoff Smith, CSCMP, Purchasing and Supply
Marta Semeniuk, Financial Planning and Policy
Gary McDonald, Tangible Capital Assets
Sean Abram, P.Eng., MTE Consultants Inc.