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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON AUGUST 21, 2012</b>
<b>FROM:</b>	<b>JOHN BRAAM, P. ENG ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL &amp; ENGINEERING SERVICES DEPARTMENT &amp; CITY ENGINEER</b>
<b>SUBJECT</b>	<b>TS1477-1 HYDE PARK ROAD WIDENING PHASE 1 NORTH OF OXFORD STREET TO NORTH OF CN RAILWAY APPOINTMENT OF CONSULTING ENGINEER</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Acting Executive Director, Planning, Environmental & Engineering Services Department & City Engineer, the following actions **BE TAKEN** with respect to the appointment of a consultant for the Hyde Park Road Widening Phase 1 project (TS1477-1):

- (a) Delcan Corporation **BE APPOINTED** Consulting Engineers for the detailed design and tendering of the said project in the amount of \$965,680.00 (excluding HST.), noting that this firm has provided a proposal for consultant engineering services, based upon the Fee Guideline for Professional Engineering Services recommended by the Ontario Society of Professional Engineers, and in accordance with Section 15.2 (e) of the City of London's Procurement of Goods and Services Policy; it being noted that 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 this Policy;
- (b) the financing for this project **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 project;
- (d) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract with each Consultant for their respective project; and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
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- Environment and Transportation Committee – June 22, 2009 – Appointment of Consulting Engineers; Class Environmental Assessments for Hyde Park Road, Sarnia Road, Sunningdale Road
- Civic Works Committee – December 19, 2011 – Hyde Park Road Environmental Study Report, Notice of Completion

<b>BACKGROUND</b>
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**Purpose:**

This report seeks the approval of the Municipal Council to appoint an engineering consultant to proceed with the provision of engineering services for the detailed design and contract preparation for Phase 1 of the widening of Hyde Park Road from immediately north of Oxford Street to north of the Canadian Pacific Railway (CPR) as displayed on Figure 1.

**Discussion:**

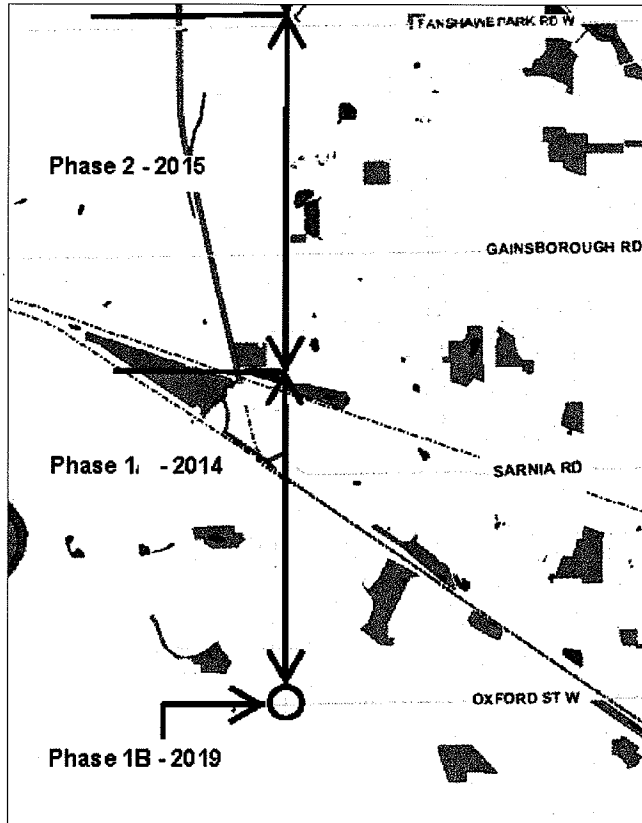
Hyde Park Road is identified to be widened from two to four through lanes. This project is recommended in the Transportation Master Plan and scheduled in the City's Growth Management Implementation Strategy (GMIS) and approved budget forecast to occur in 2014. Land purchases and utility relocations will be required before construction.

The project Environmental Study Report (ESR) was completed in December, 2011 and cleared

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the public and agency review period in January, 2012 after having been accepted by the Municipal Council. It recommends the widening of the existing roadway from two to four lanes with on-road bicycle lanes and local turning lanes.

Figure 1: Hyde Park Road Widening Phasing



Phase 1 is a large complex project. The phasing recommended by the EA and supported by local businesses results in larger projects to reduce the overall construction duration. Phase 1 also includes a structure widening across the CN Railway and will provide for the coordinated installation of a sanitary sewer, sanitary forcemain and trunk watermain. The project also includes new traffic signals, illumination, sidewalks, landscaping, upgrades to storm drainage, local sanitary sewer upgrades, replacement of existing watermain and noise attenuation where warranted.

Staff followed the Procurement of Goods and Services Policy and used a two-staged process for selection of the recommended consultant. This included an open, publicly advertised pre-qualification stage (RFQUAL) coordinated by Purchasing and Supply Chain Management, followed by an RFP of the short-listed firms. An evaluation team with representation from all key project areas including Transportation, Stormwater Management Unit, Wastewater and Drainage Engineering, Water Engineering, Construction Administration, and Traffic Signals and Streetlighting reviewed the consultant submissions for the project.

Six submissions were received in response to the initial RFQUAL. One was disqualified due to a submission requirement omission. The responses to the RFQUAL were used to select a short-list of firms that were asked to submit detailed proposals for the project. AECOM Canada, Delcan Corporation and Dillon Consulting were short-listed and asked to submit a detailed proposal and work plan. All three consultants submitted detailed proposals which were reviewed by the evaluation team.

The competitive consultant acquisition process for complex projects determined that the proposal from Delcan provides the best value to the City. Delcan past performance combined with the work proposal for Phase 1 of the project demonstrate a good understanding of the project, strong project management and support staff, and proven experience with similar projects. Delcan is familiar with City staff and procedures and has provided good performance on other projects.

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The primary deliverables from this assignment include field investigations, design, contract preparation, tendering and coordination of utility relocations. Particular focus areas for the assignment include:

- Detailed design of the bridge structure widening spanning CNR and railway co-ordination;
- Detailed design of the Hyde Park Trunk Sanitary Sewer and Forcemain, and local sanitary sewer upgrades;
- Detailed design of a new high level watermain and replacement of the existing watermain;
- Detailed design of traffic signals and street lights;
- Detailed design of storm drainage system;
- Co-ordination with the geotechnical subconsultant who will provide recommendations for subsurface design parameters for structures, services and pavements;
- Continuing a high level of consultation with local stakeholders and agencies, including facilitation of a public information centre; and,
- Property acquisition support.

Subject to successful completion of the design phase of this project, Delcan will be considered for the construction supervision 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 operating costs in the Environmental and Engineering Services budget with approval of this engineering assignment. As the design progresses, we will better define the additional operation costs for the roadway, sewers and watermain.



**Conclusions:**

City staff has followed a thorough, competitive consultant acquisition process for this complex project in accordance with the Procurement of Goods and Services Policy. The process identified the selected consultant from a list of five engineering consultants based on evaluations from a comprehensive City project team.

The recommended consultant has shown a good understanding of the project and has the technical expertise to complete the assignment. The proposal represents good value for the City. With construction scheduled for 2014, it is necessary to accelerate the design and approvals phase of this project. Award of this consultant assignment will progress this project within the approved project budget.

**Acknowledgements:**

This report was prepared by Doug MacRae, Transportation Design Engineer, with assistance from Josh Ackworth, Transportation Technologist in the Transportation Planning & Design Division.

SUBMITTED BY:	RECOMMENDED BY:
	
<b>JOHN LUCAS, P. ENG. DIVISION MANAGER TRANSPORTATION PLANNING &amp; DESIGN</b>	<b>JOHN BRAAM, P. ENG. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>

JA/DM

Attach: Appendix "A" – Sources of Finance

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