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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON AUGUST 25, 2014
FROM:	JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	FANSHAWE PARK ROAD EAST WIDENING ADELAIDE STREET TO MCLEAN DRIVE DETAILED DESIGN AND TENDERING APPOINTMENT OF CONSULTING ENGINEER

RECOMMENDATION

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 consultant for the Fanshawe Park Road Widening project:

- (a) AECOM Canada Limited, **BE APPOINTED** Consulting Engineers for the detailed design and tendering of the Fanshawe Park Road East project, in the amount of \$579,249.00 (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** 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 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.

PREVIOUS REPORTS PERTINENT TO THIS MATTER

- Civic Works Committee – April 23, 2012 – Contract Award Fanshawe Park Road and Highbury Avenue Intersection Widening
- Civic Works Committee – January 23, 2012 – Sanitary Servicing Agreement for North Park Community Church
- Built and Natural Environment Committee – December 13, 2010 – Local Improvement Watermain Fanshawe Park Road East
- Environment and Transportation Committee – July 20, 2009 – Appointment of Design Engineer
- Environment and Transportation Committee – April 6, 2009 – Addendum to Environmental Study Report

BACKGROUND

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 the widening of Fanshawe Park Road East from Adelaide Street to McLean Drive as displayed in Figure 1.

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Figure 1: Fanshawe Park Road East Widening Limits



Context

The Fanshawe Park Road East widening project was identified as a priority in the Smart Moves 2030 TMP. An Environmental Study Report (ESR) on the Fanshawe Park Road East Corridor from Adelaide Street to Highbury Avenue was completed in April 2009 as an addendum to a previous ESR. This report recommended that Fanshawe Park Road East be widened from two to four lanes with bike lanes, localized turning lanes and urbanized with curbs, sidewalks, illumination improvements, and noise attenuation where warranted. This work was specified to be done in two phases with the first phase being the intersection of Fanshawe Park Road and Highbury Avenue, completed in 2012. The second phase of construction will continue the widening to Adelaide Street and is anticipated to be constructed in 2016.

DISCUSSION

The Municipal Class Environmental Assessment was completed and approved in 2009 and the recommended alternative was the widening of the existing roadway from two to four lanes with on-road bicycle lanes and local turning lanes.

The Fanshawe Park Road East widening is a large complex project, and will provide for the coordinated installation of infrastructure for traffic signals, illumination, bridge rehabilitation, sidewalks, landscaping, upgrades to storm drainage, local sanitary sewer upgrades, replacement of existing watermain and noise attenuation where warranted.

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 local sanitary sewer upgrades;
- Detailed design of a new watermain and replacement of the existing watermain;
- Detailed design of traffic signals and street lights;
- Detailed design of storm drainage system;
- Detailed design of the bridge structure rehabilitation spanning Stoney Creek;
- Co-ordination with the geotechnical sub-consultant who will provide recommendations for subsurface design parameters for 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 for both the acquisitions and the consent-to-enter agreements for utility relocations, noise and retaining wall construction.

Consultant Selection

The City initiated a procurement process to retain a consultant to undertake Detailed Design and Tendering for the Fanshawe Park Road Widening - from Adelaide Street to McLean Drive.

As per the Procurement of Goods and Services Policy, a two-stage process for selection of the recommended consultant was undertaken. This included an open, publicly advertised pre-qualification stage (RFQUAL), followed by a Request for Proposal of the short-listed firms. An evaluation team reviewed the consultant submissions for the project.

Five submissions were received in response to the initial RFQUAL. 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, IBI Group and Parsons Group (Delcan Consulting) were short-listed and asked to submit detailed proposals and work plans. All three consultants submitted detailed proposals which were reviewed by the evaluation team.

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Based on the evaluation criteria and selection process identified in the Request for Proposals, the evaluation committee concluded that the proposal from AECOM provides the best value to the City. AECOM's past proven experience on similar projects of this nature combined with a project proposal that demonstrated a thorough understanding of the goals and objectives demonstrated their suitability for the undertaking. AECOM is familiar with City staff and procedures through recent work on similar projects.

Subject to successful completion of the design phase of this project, AECOM 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, future operational costs for the roadway, sewers and watermain will be identified.

CONCLUSION

Recommendation

Based on the technical evaluation of the proposals, it is recommended AECOM be awarded the consulting assignment for the detailed design and tendering of the Fanshawe Park Road East Widening from Adelaide Street to McLean Drive, in the amount of \$579,249.00 (excluding HST). AECOM 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 2016, it is necessary to commence 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 Ted Koza, P.Eng, Transportation Design Engineer, with assistance from Josh Ackworth, C.E.T., Transportation Technologist, in the Transportation Planning & Design Division.

SUBMITTED BY:	REVIEWED & CONCURRED BY:
DOUG MACRAE, P.ENG. DIVISION MANAGER TRANSPORTATION PLANNING & DESIGN	EDWARD SOLDDO, P.ENG. DIRECTOR ROADS AND TRANSPORTATION
RECOMMENDED BY:	
JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER	

Attach: Appendix "A" – Sources of Financing

- c. Peter McAllister, AECOM (250 York Street, Suite 410, London, ON, N6A 6K2)
Pat Shack