

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MAY 14, 2019</b>
<b>FROM:</b>	<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>CONTRACT AWARD: TENDER RFT 19-60 WILTON GROVE ROAD RECONSTRUCTION</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the award of contracts for Wilton Grove Road Reconstruction:

- (a) the bid submitted by Bre-Ex Construction Inc., 247 Exeter Road, London, ON, N6L 1A5, at its tendered price of \$10,948,755.77excluding HST, for Wilton Grove Road Reconstruction, **BE ACCEPTED**; it being noted that the bid submitted by Bre-Ex Construction Inc., was the lowest of four bids received and meets the City’s specifications and requirements in all areas;
- (b) Parsons Corporation **BE APPOINTED** Consulting Engineers to complete the construction administration and supervision for Wilton Grove Road Reconstruction in accordance with the estimate, on file, at an upset amount of \$743,006, excluding HST, and in accordance with Section 15.2 (g) of the City of London’s Procurement of Goods and Services Policy;
- (c) the financing for the project **BE APPROVED** in accordance with the “Sources of Financing Report” attached hereto as Appendix A;
- (d) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (e) the approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract for the material to be supplied and the work to be done relating to this project (Tender 19-60); and,
- (f) 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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- Civic Works Committee – October 24, 2017 – Wilton Grove Road Improvements Detailed Design and Tendering Appointment of Consulting Engineer
- Civic Works Committee - August 13, 2018 – Contract Award: Tender RFT18-73; Wilton Grove Road Sanitary Sewer Replacement

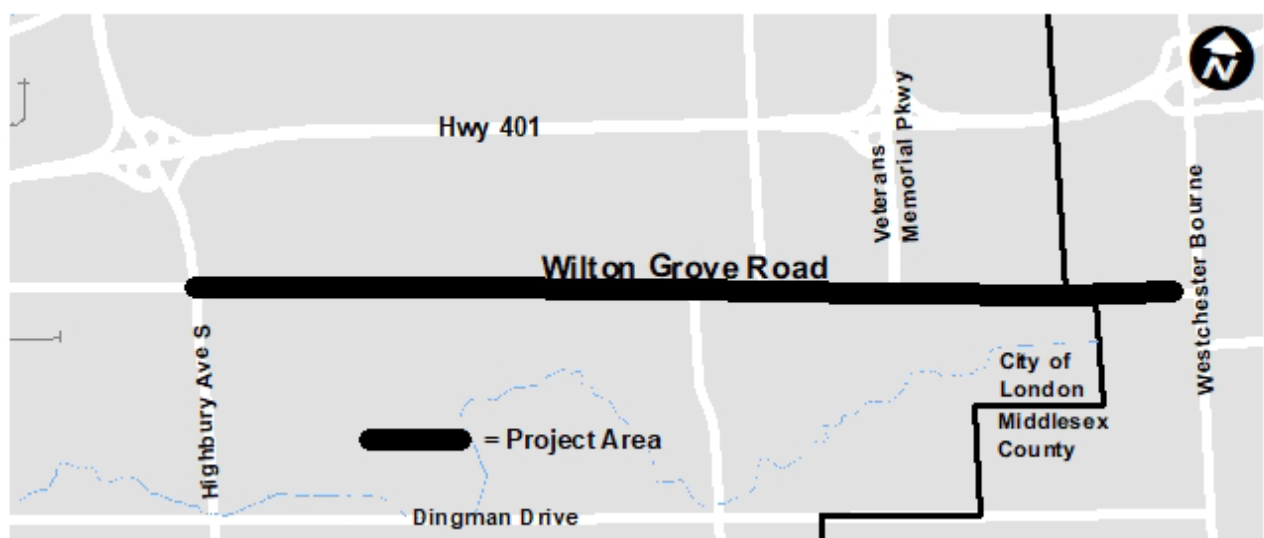
**COUNCIL’S 2019-23 STRATEGIC PLAN**

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. The improvements to the Wilton Grove Road corridor will enhance safe and convenient mobility choices for transit, automobiles, pedestrians and cyclists.

**BACKGROUND**

**Purpose**

This report recommends the award of tender RFT 19-60 for the Wilton Grove Road Reconstruction from Highbury Avenue South to Westchester Bourne to Bre-Ex Construction Inc. It also recommends that the existing contract with Parsons for engineering consulting services be extended to include contract administration and supervision.



**Context**

Wilton Grove Road from Highbury Avenue South to Westchester Bourne is currently a rural road in need of improvement to support surrounding industrial development. With increasing traffic forecasted for this road, this project will bring the road up to current design standards with consideration given to future growth and transportation upgrades. Proposed upgrades include full road reconstruction including shoulder widening, culvert rehabilitation, watermain chamber installation, sidewalk (Highbury Avenue South to Commerce Road), street lighting and traffic signals at Commerce Road.

In August 2018, Council approved the award of tender RFT 18-73 for the reconstruction of the Wilton Grove Road sanitary sewer from Hubrey Road to Commerce Road, immediately west of this phase of works. Commencement of that construction contract began in Fall 2018. The two construction contracts form a staged coordinated implementation of corridor improvements and are the result of one cohesive design assignment.

The overall length of this project is 6 km. Approximately 770 m of the project is located outside of the City of London within Middlesex County. The City of London has partnered with Middlesex County on this and various road construction projects in the past. A cost sharing agreement under which Middlesex County will reimburse the City

of London for County jurisdiction work has been arranged for this project. The value of the County work equates to approximately 3% of the contract value.

DISCUSSION

Tender Summary

Four (4) contractors submitted tenders on the project with the tender prices listed below (excluding HST). Tenders for this project were opened on Thursday April 25, 2019:

CONTRACTOR		TENDER PRICE SUBMITTED
1.	Bre-Ex Construction Inc	\$10,948,755.77
2.	J-AAR Excavating Limited	\$11,655,811.86
3.	CH Excavating (2013)	\$12,484,583.88
4.	Blue-Con Construction	\$12,924,565.87

All tenders have been checked and clerical errors have been corrected. Each contractor’s qualifications have been reviewed by the Environmental and Engineering Services Area and the City’s Consultant, Parsons.

The tender estimate prior to tender opening was \$10,188,500 excluding HST. The low bid submission from Bre-Ex Construction Inc. is approximately \$760,000 above the pre-tender estimate. However, a comparison of the tender submission indicates a competitive process and value. All tenders and estimates shown above include a contingency allowance of \$800,000 excluding HST.

Project Schedule

Due to the magnitude of this project, the reconstruction of Wilton Grove Road is phased into a multiple year approach.

The construction is scheduled to begin July 2019. The contract proposes a construction phasing program to be confirmed by the contractor based on efficiencies, resources and minimizing road user impacts. The tentative proposed phasing is as follows:

Phase	Location	Distance (m)	Timing
1	Westchester Bourne to Veterans Memorial Parkway	1,790 <sup>(1)</sup>	July 2019
2	Veterans Memorial Parkway to the south leg of Old Victoria Road	1,170	August to October 2019
3	Commerce Road to Highbury Avenue South	650	September to November 2019
4	Commerce Road to 450m east of Cheese Factory Road	990	May to July 2020
5	450m east of Cheese Factory Road to south leg of Old Victoria Road	1,380	July to September 2020
<sup>(1)</sup> 770 m of Phase 1 is located within Middlesex County			

Traffic Control

During construction, Wilton Grove Road will be open to local traffic only, and detours and a traffic management plan will be in place. Businesses in the area will be kept apprised of activities that will have impact on property access, and the contractor and the City’s contract administration consultant will strive to maintain access to local businesses.

Every effort is being made to ensure Londoners are aware of construction zones and traffic detours resulting from road work. Daily updates are provided through the City’s website, [www.london.ca/construction](http://www.london.ca/construction) with information about road closures, ongoing and upcoming projects on city streets.

**Operating Budget Impacts**

Additional Transportation, Roadway Lighting, and Water operating costs, attributed to new infrastructure installation, are summarized in the following table:

Division	Rationale	Operating Cost Increase
Transportation Operations	Partial widening for 2 m paved shoulders (both sides) and 560 m of sidewalk	\$40,000
Roadway Lighting and Traffic Control	15 new street lights and new traffic signals at Commerce Road	\$10,577
Water Operations	New chamber, 40 m of 400 mm watermain, 2 gate valves	\$1,200
Total		\$51,777

**Consulting Fees**

In accordance with Section 15.2(g) of the Procurement of Goods and Services Policy, Civic Administration is recommending that Parsons be authorized to carry out the construction administration for Wilton Grove Road Reconstruction. Parsons has satisfactorily completed the detailed design for this project and is recommended for award of the balance of the work having satisfied all financial, reporting and other conditions required of the Policy. It is to the financial advantage of the City due to the fact that this consultant has specific knowledge of the project and have undertaken work for which duplication would be required if another firm were to be selected. City staff continue to foster a collaborative working relationship that focuses on achieving the lowest lifecycle cost and highest service performance for municipal infrastructure.

In addition, staff have reviewed the fee submissions in detail considering the hourly rates provided by each staff member. Staff have confirmed that hourly rates are consistent with those submitted through competitive processes. Staff also reviewed the time allocated to each project related task. Staff can confirm that the amount of time allocated to each project task is consistent with prior projects of a similar nature that have been awarded through a competitive process. In general, the assignment is found to be reasonable and in-line with those that would be expected through a competitive process.

Parsons also provided design and construction administration services for the adjacent Wilton Grove Road Sanitary Sewer Reconstruction from Hubrey Road to Commerce Road, immediately west of this phase of works. The continued use of Parsons on this project for contract administration of this phase of work is of financial advantage to the City due to the fact that the firm has specific knowledge of the project and has undertaken work for which duplication would be required if another firm were to be selected. The approval of this work will bring the value of the overall consulting assignment to \$1,195,432 (excluding HST).

<b>CONCLUSION</b>
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The Wilton Grove Road Reconstruction project will create coordinated improvements to support growth in the southwest industrial lands. Staff recommend that the construction contract for Wilton Grove Road Reconstruction from Highbury Avenue South to Westchester Bourne be awarded to Bre-Ex Construction Inc. It is further recommended that Parsons Corporation undertake the contract administration and inspection services during construction as it is in the best technical and financial interest of the City. Additional operating expenses will be incurred as outlined in the report.

**Acknowledgements**

This report was prepared by John Bos, C.E.T., and Ted Koza, P.Eng, both from the Transportation Planning and Design Division.

<b>PREPARED BY:</b>	<b>RECOMMENDED BY:</b>
<b>GARFIELD DALES, P.ENG DIVISION MANAGER, TRANSPORTATION PLANNING AND DESIGN</b>	<b>DOUG MACRAE, P. ENG., MPA DIRECTOR, ROADS AND TRANSPORTATION</b>

<b>RECOMMENDED BY:</b>	
<b>KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER</b>	

Attach:           Appendix A – Sources of Financing Report

- c:     John Freeman, Manager, Purchasing and Supply
- Mark Henderson, Director, Business Liaison
- Gary McDonald, Budget Analyst
- Alan Dunbar, Manager, Financial Planning and Policy
- Jason Davies, Manager, Financial Planning and Policy
- Parsons Corporation