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<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 29, 2016</b>
<b>FROM:</b>	<b>JOHN BRAAM, P. Eng. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>CONTRACT AWARD: TENDER NO. 16-37 2016 INFRASTRUCTURE LIFECYCLE RENEWAL PROGRAM CONTRACT 5: LANDOR STREET</b>

<b>RECOMMENDATION</b>
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That, on the recommendation of the Managing Director, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the award of contracts for the 2016 Infrastructure Lifecycle Renewal Program, Contract 5: Landor Street Reconstruction Project:

- (a) the bid submitted by Bre-Ex Construction Inc. (Bre-Ex), at its tendered price of \$3,000,845.49, excluding HST, for the 2016 Infrastructure Lifecycle Renewal Program, Contract 5 project, **BE ACCEPTED**; it being noted that the bid submitted by Bre-Ex, was the lowest of six bids received and meets the City's specifications and requirements in all areas;
- (b) Development Engineering Limited **BE AUTHORIZED** to carry out the resident inspection and contract administration for the said project in accordance with the estimate, on file, at an upset amount of \$232,596.65, including contingency and excluding HST, based upon the Fee Guideline for Professional Engineering Services, recommended by the Ontario Society of Professional Engineers; and in accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy, noting that this firm completed the engineering design for this project;
- (c) the financing for this project **BE APPROVED** as set out in 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 approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract or issuing a purchase order for the material to be supplied and the work to be done relating to this project (Tender 16-37); 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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Appointment of Consulting Engineers, Infrastructure Lifecycle Renewal Program 2016-2017, Civic Works Committee, June 2, 2015, Agenda Item # 5.

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## 2015-19 STRATEGIC PLAN

The 2015 – 2019 Strategic Plan identifies this objective under Building a Sustainable City: 1B – Manage and improve our water, wastewater and stormwater infrastructure and services.

## BACKGROUND

### **Purpose:**

This report recommends award of a tender to a contractor and continuation of consulting services for the reconstruction of:

Landor Street from Wethered Street to Highbury Avenue

Infrastructure replacement needs have been coordinated with Wastewater & Drainage Engineering (WADE), Water Engineering, Transportation Planning & Design and Construction Administration in consultation with Urban Design, Environmental and Parks Planning Division for efficient use of funds during construction.

The project has been included in the proposed 2016 Wastewater & Treatment, Water, and Transportation Capital Works Budgets.

### **Discussion:**

Work on Landor Street includes installation of upsized storm sewers, replacement of existing sanitary sewers, watermain, construction of new sidewalks, curb and gutter, asphalt road, and the traffic calming measure of a raised concrete crosswalk immediately East of Wethered Street.

Landor Street has been identified as a priority in the City's replacement programs due to the poor condition of the municipal infrastructure and the need to update and improve both stormwater and sanitary conveyance capacity. This project will implement sanitary sewer system improvements that include the elimination of approximately 150m of local sanitary sewers. This project sets up future projects which will permit the eventual elimination of the Paardeberg Pumping Station. The installation of a new storm sewer will mitigate current street flooding issues. This optimization of both sewer systems will have a positive impact on future capital and operating budgets. The cast iron watermains in this location was installed in the early 1960's. They are undersized and prone to breakage and therefore have reached the end of their life expectancy.

A project location map is included for reference in Appendix "B".

A public information center was held on December 9, 2015 specifically for all owners and residents within and immediately bordering the project area to address questions and concerns.

To accommodate residents along with specific requirements and restrictions associated with Sir John A MacDonald Public School, this project has been divided into three (3) stages of reconstruction in an effort to reduce disruption over the duration of the project.

### **Service Replacement:**

In conjunction with the construction of this Capital Works Project, the City is administering the Private Drain Connection (PDC) program which allows property owners within the projects limits an opportunity to voluntarily replace their PDC's at a subsidized cost under the authority of City By-laws.

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### Tender Summary:

Tenders for the 2016 Infrastructure Lifecycle Renewal Program, Contract 5 were opened on February 24, 2016. Six (6) contractors submitted tender prices as listed below, excluding HST.

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Bre-Ex Construction Ltd.	\$3,000,845.49	
2.	Blue-Con Construction	\$3,229,451.00	
3.	C.H. Excavating	\$3,288,940.77	
4.	291 Construction	\$3,363,458.80	
5.	Omega Contractors Inc.	\$3,485,386.09	
6.	2153592 Ontario Ltd. (Elgin)	\$3,628,912.73	

All tenders have been checked by the Environmental and Engineering Services Department and the City's consulting engineer. No tenders were found to contain minor mathematical errors, therefore the order of the bidders remained the same.

The engineer's tender estimate just prior to tender opening was \$2,911,188.40, excluding HST. The low tender is 3% above the estimate. All tenders include a contingency allowance of \$250,000.00, excluding HST.

Additional annual operating costs of \$100 per year associated with this project.

### Consulting Services:

Development Engineering was awarded the detailed design of the project by Council June 10, 2015. Due to their knowledge and experience with this project, Development Engineering was requested to submit a proposal to carry out the contract administration and resident supervision for this project. In accordance with Section 15.2 (g) of the City of London's Procurement of Goods and Services Policy, the Administration is recommending that Development Engineering be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$232,596.65, excluding HST, noting the upset amount for total engineering services for the project is \$423,914.15 excluding HST, spread over 2015, 2016 and 2017.

### Conclusions:

Award of the 2016 Infrastructure Lifecycle Renewal Program, Contract 5 to Bre-Ex Construction Ltd. will allow the project objectives to be met within the available budget.

The use of Development Engineering for the remainder of engineering services for this project is in the best financial and technical interests of the City.

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**Acknowledgements:**

This report was prepared within the Water Engineering Division with assistance from Jeff Conrad, C.E.T., Technologist II, and Aaron Rozentals, P. Eng., Environmental Service Engineer.

<b>PREPARED BY:</b>	<b>REVIEWED &amp; CONCURRED BY:</b>
<b>ROLAND WELKER, P. ENG. DIVISION MANAGER WATER ENGINEERING</b>	<b>JOHN LUCAS, P. ENG. DIRECTOR, WATER AND WASTEWATER</b>
<b>RECOMMENDED BY:</b>	
<b>JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>	

March 22, 2016

AR/jc  
 Attach: Appendix "A" – Sources of Financing  
 Appendix "B" – Map of Project Area

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c.c. Tom Copeland                      John Freeman                      Pat Shack  
 Edward Soldo                      Ugo DeCandido  
 Development Engineering Limited  
 Bre-Ex Construction Inc.

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## Appendix 'B' – Map of Project Area



# 2016 Infrastructure Renewal Program

## Contract 5 - Location Map

Landor Street (from Wethered Street to Highbury Avenue North)

