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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 8, 2016
FROM:	JOHN BRAAM, P. Eng. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 16-04 2016 INFRASTRUCTURE LIFECYCLE RENEWAL PROGRAM CONTRACT 10: VICTORIA STREET

RECOMMENDATION

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 10: Victoria Street Reconstruction Project:

- (a) the bid submitted by Bre-Ex Construction Inc. (Bre-Ex), at its tendered price of \$4,471,894.91, excluding HST, for the 2016 Infrastructure Lifecycle Renewal Program, Contract 10 project, **BE ACCEPTED**; it being noted that the bid submitted by Bre-Ex, was the lowest of seven bids received and meets the City's specifications and requirements in all areas;
- (b) Spriet Associates London 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 \$357,170.00, 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 16-04); and
- (f) 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
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Appointment of Consulting Engineers, Infrastructure Lifecycle Renewal Program 2014-2016, (formerly Contract B), Civic Works Committee, May 26, 2014, Agenda Item # 8.

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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 Victoria Street from St. George Street to Colborne Street.

Infrastructure replacement needs have been coordinated with Wastewater & Drainage Engineering (WADE), Water Engineering, Transportation Planning & Design and Roadway Lighting and Traffic Control in consultation with Urban Design, Environmental and Parks Planning Division and the Thames Valley School Board 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:

Victoria 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 for additional stormwater conveyance capacity within the system which was originally installed in the 1910's. The sanitary sewer, private drain connections and cast iron watermains on these streets were originally installed in the early 1900's. The sewers and watermain in this location have reached the end of their life expectancy.

Work on Victoria Street includes installation of upsized storm sewers, replacement of existing sanitary sewers, watermain, construction of new sidewalks, curb and gutter, asphalt road, new traffic signals at Richmond Street, and two traffic calming measures to be implemented; first a layby fronting Ryerson Public School; second, a raised concrete intersection at Colborne Street.

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

A public information center was held on December 3, 2015 specifically for all owners and residents within and immediately bordering the project area to address questions and concerns.

To accommodate the seasonal traffic restrictions and vehicle flow(s) from Western University and Ryerson Public School, this project has been divided into three 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

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owners within the projects limits an opportunity to voluntarily replace their PDC's at a subsidized cost under the authority of City By-laws. Also part of this project, the lead water service connection will be replaced to the property line at the City's cost and the property owner may elect to replace their private side connection at their expense. Homeowners may be eligible to participate in the Lead Service Extension Replacement Loan Program.

Tender Summary:

Tenders for the 2016 Infrastructure Lifecycle Renewal Program, Contract 10 were opened on February 3, 2016. Seven (7) contractors submitted tender prices as listed below, excluding HST.

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Bre-Ex Construction Ltd.	\$4,471,894.91	
2.	J-Aar Excavating	\$5,092,512.00	
3.	L82	\$5,096,138.64	
4.	Blue-Con Construction	\$5,368,000.00	\$5,368,145.00
5.	Omega Contractors Inc.	\$5,976,692.40	\$5,998,411.06
6.	2153592 Ontario Ltd. (Elgin)	\$6,259,303.62	
7.	291 Construction	\$6,387,958.45	

All tenders have been checked by the Environmental and Engineering Services Department and the City's consulting engineer. Two tenders were found to contain minor mathematical errors, however the order of the bidders remained the same.

The engineer's tender estimate just prior to tender opening was \$5,401,743.00, excluding HST. The low tender is 17% below the estimate indicating a competitive environment and illustrates the benefit of tendering projects of this size early in the construction season. All tenders include a contingency allowance of \$450,000.00, excluding HST.

There are no additional annual operating costs associated with this project.

Consulting Services:

Spriet was awarded the detailed design of the project by Council on May 26, 2014. Due to their knowledge and experience with this project, Spriet 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 Spriet be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$357,170.00, excluding HST, noting the upset amount for total engineering services for the project is \$672,787.51 excluding HST, spread over 2014 – 2016.

Conclusions:

Award of the 2016 Infrastructure Lifecycle Renewal Program, Contract 10 to Bre-Ex Construction Ltd. will allow the project objectives to be met within the available budget.

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

Acknowledgements:

This report was prepared within the Wastewater and Drainage Engineering Division by Jonathon Graham, C.E.T., PMP, Technologist II, and reviewed by Kyle Chambers, P. Eng., Environmental Service Engineer.

SUBMITTED BY:	RECOMMENDED BY:
TOM COPELAND, P. ENG. DIVISION MANAGER WASTEWATER AND DRAINAGE ENGINEERING	JOHN LUCAS, P. ENG. DIRECTOR, WATER AND WASTEWATER
CONCURRED BY:	
JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER	

February 29, 2016

KC/jg

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

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c.c. Roland Welker John Freeman Pat Shack
Edward Soldo Ugo DeCandido
Spriet Associates London Limited
Bre-Ex Construction Inc.

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Appendix 'B' – Map of Project Area



2016 Infrastructure Renewal Program

Victoria Street
(St. George Street to Colborne Street)



Contract 10 - Location Map