

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING FEBRUARY 21 2017
FROM:	KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR OF ENVIRONMENTAL AND ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 17-06 2017 INFRASTRUCTURE RENEWAL PROGRAM DUNDAS STREET RECONSTRUCTION PROJECT

RECOMMENDATION

That, on the recommendation of the Managing Director of Environmental and Engineering services & City Engineer, the following actions **BE TAKEN** with respect to the award of contracts for the 2017 Infrastructure Renewal Program, Dundas Street Reconstruction Project:

- (a) the bid submitted by Bre-Ex Construction Inc. (Bre-Ex), at its tendered price of \$7,746,941.96, excluding HST, **BE ACCEPTED**; it being noted that the bid submitted by Bre-Ex was the lowest of five bids received and meets the City's specifications and requirements in all areas;
- (b) Dillon Consulting Ltd., **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 \$603,482.00, 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 17-06); 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 Renewal Program 2016-2017, Civic Works Committee, June 2, 2015.

2015-2019 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:

- Dundas Street between Quebec Street and McCormick Boulevard

Infrastructure replacement needs have been coordinated within the Environmental and Engineering Services Department with support from Planning and Development for efficient use of funds during construction. The project budget has been included in the 2017 Wastewater & Treatment, Water, and Transportation Capital Works Budgets.

Discussion:

This Infrastructure Renewal project includes the following improvements:

- replacement of sanitary sewers and services;
- replacement of storm sewers;
- replacement of watermain and water services;
- new traffic signals at Dundas Street/Quebec Street and at Dundas Street/Egerton Street;
- full road reconstruction, including new asphalt, curb and gutter, sidewalks;
- landscaping improvements including tree plantings along the north side of Dundas Street;
- bicycle lane connection on Dundas between Quebec Street and Egerton Street.

A Project Location map is included for reference in Appendix B.

Dundas Street has been identified as a high priority in the replacement programs due to the poor condition of the municipal infrastructure. The sanitary and storm sewers on this street were originally installed circa 1914-1915, and have reached the end of their life expectancy. The storm sewer outlet for this project is the Burbrook Trunk storm sewer. Subsequent projects in the area will permit the further removal of existing combined sewers in future years. The existing watermain on Dundas Street is 150mm and 250mm installed in 1905 and 300mm cast iron installed in 1913. This watermain has reached the end of its life expectancy.

A public information session was held on November 10, 2016 specifically for all business owners and residents within and immediately bordering the project area to address questions and concerns. Representatives from the City also met with the Old East Village BIA on January 18, 2017 and on February 2, 2017.

This section of Dundas Street is anticipated to be part of the future Rapid Transit corridor. Consultation with Transportation, Urban Planning, and Old East Village BIA has occurred to incorporate the following features to better suit the future use of the roadway. This includes tree planting areas and unique boulevard hard surface treatment along the north side of the street along with painted street light and traffic signal poles. In addition, the roadway will accommodate a cycling connection between

Quebec Street and Egerton Street. Bike lanes will be extended southerly on Egerton Street as part of a 2018 project. Currently bike lanes exist on Quebec Street from Queens Avenue to Mornington Avenue and on Queens Avenue from Quebec Street westerly to Waterloo Street.

Work on this project has been coordinated with other utilities. In particular, Bell is undertaking clay duct and maintenance hole replacement within this contract. This is mutually beneficial for both the City and for Bell as all underground work is coordinated together, minimizing disruption, costs, and consolidating restoration into one project.

In order to reduce the impact on the community, this project is separated into three phases. The first phase, anticipated to occur between April and May will be located on Dundas Street between Quebec Street and Egerton Street. Two lanes of traffic (one direction each way) will be accommodated throughout this phase. Phase 2 is anticipated to occur between June and August (with a potential 2-3 week overlap with Phase 1) and will be located between Kellogg Lane and McCormick Boulevard. Phase 3 will close out the project between September and October and will be located between Egerton Street and Kellogg Lane. Both Phase 2 and Phase 3 will require the complete closure of Dundas Street to accommodate safe infrastructure installation. Local access to businesses will be accommodated throughout the project duration. The official detour route for both eastbound and westbound through traffic will be Egerton Street (Dundas Street to Florence Street), Florence Street (Egerton Street to Dundas Street), and Highbury Avenue (Dundas Street to Florence Street).

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. As part of this project, the 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 cost. Homeowners may be eligible to participate in the Lead Service Extension Replacement Loan Program.

Tender Summary:

Tenders for the 2017 Infrastructure Renewal Program, Dundas Street Reconstruction Project were opened on December 15, 2016. Five (5) contractors submitted tender prices as listed below, excluding HST.

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Bre-Ex Construction Inc.	\$7,746,941.96	
2.	Omega Contractors Inc.	\$8,042,682.79	
3.	Blue-Con Construction	\$8,493,876.55	
4.	Elgin Construction Ltd.	\$8,774,564.12	\$8,774,564.13
5.	J-AAR Excavating Limited	\$9,861,562.25	

All tenders have been checked by the Environmental and Engineering Services Department and the City's consultant, Dillon. One of the submitted tenders was found to contain a minor mathematical error; however the order of the bidders remains the same. The tender estimate just prior to tender opening was \$7,852,204.00, excluding HST. The low tender is 1.3% below the estimate indicating a competitive environment and illustrates the benefit of tendering projects early in the construction season. All tenders

include a contingency allowance of \$650,000.00. There are no additional annual operating costs for Water or Sewer Operations associated with this project.

Consulting Services:

Dillon was awarded the detailed design by Council on June 10, 2015. Due to their knowledge and experience with this project, Dillon 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 Civic Administration is recommending that Dillon be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$603,482.00, excluding HST, noting the upset amount for total engineering services for the project is \$1,048,678.96 excluding HST, spread over 2015-2017.

Conclusions:

Award of the 2017 Infrastructure Renewal Program, Dundas Street Reconstruction Project to Bre-Ex Construction Inc. will allow the project objectives to be met within the available budget. The use of Dillon, 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 Kyle Chambers, P. Eng., Environmental Service Engineer

PREPARED BY:	REVIEWED BY:
TOM COPELAND, P.ENG. DIVISION MANAGER WASTEWATER AND DRAINAGE ENGINEERING	JOHN LUCAS, P.ENG. DIRECTOR-WATER AND WASTEWATER
RECOMMENDED BY:	
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February 13, 2017

KJC/kjc

Attach: Appendix “A” – Sources of Financing
Appendix “B” – Project Location Map

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cc. Scott Mathers
Edward Soldo
Dillon

John Freeman
Ugo DeCandido

Gary McDonald
Bre-Ex

Appendix B – Project Location Map

