

Agenda Item #

Page #

--	--

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 24, 2014
FROM:	JOHN BRAAM, P. Eng. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 14-04 2014 INFRASTRUCTURE LIFECYCLE RENEWAL PROGRAM CONTRACT 7: FAIRVIEW AVENUE AND WESTON STREET RECONSTRUCTION

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 2014 Infrastructure Lifecycle Renewal Program, Contract 7: Fairview Avenue and Weston Street Reconstruction Project:

- (a) the bid submitted by Bre-Ex Construction Inc., 247 Exeter Road London, ON N6L 1A5, at its tendered price of \$3,203,419.91, excluding HST, for the 2014 Infrastructure Lifecycle Renewal Program, Contract 7 project, **BE ACCEPTED**; it being noted that the bid submitted by Bre-Ex Construction Inc. was the lowest of six bids received and meets the City's specifications and requirements in all areas;
- (b) Dillon Consulting Limited, 130 Dufferin Avenue London ON, N6A 5R2, **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 \$315,543.25, 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) minor future additional annual operating costs of \$1,350.00 **BE RECOGNIZED** as a result of this project noting that these costs are as a result of new infrastructure installation and will be considered and accommodated within future Water & Wastewater operating budgets;
- (d) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix "A";
- (e) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (f) 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 14-04); and
- (g) 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

- Appointment of Consulting Engineers, Infrastructure Lifecycle Renewal Program 2013-2014 (Contract A), Civic Works Committee, May 29, 2012, Agenda Item # 7

Agenda Item #	Page #

BACKGROUND

Purpose:

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

- Weston Street from Trevithen Street to Fairview Avenue
- Fairview Avenue from Weston Street to Whetter Avenue
- Fairview Court

This work includes installation of new storm sewers, replacement of existing sanitary sewers, watermain and all water services, construction of new asphalt road, including curb and gutter and sidewalk.

- Wellington Road from Bond Street to Foxbar Road

This work includes the installation of a new storm sewer along the west ditch of Wellington and new catch basins.

Infrastructure replacement needs have been coordinated with Wastewater and Drainage Engineering, Water Engineering and Construction Administration for efficient use of funds during construction.

Background:

The Wellington Road Storm and Sanitary servicing Master Plan was completed in 2009 under the Municipal Class Environmental Assessment (EA). The Master Plan systematically addressed chronic flooding problems and combined sewer overflows. The Master Plan identified a comprehensive series of improvements to be implemented over the next 30 years noting the key component of the Master Plan was a recommendation to construct a new storm outfall to Thames River. This would allow sewer separation to proceed in the Old South Study Area. The new outfall was constructed in 2010 and the City is now in a position to complete infrastructure renewal in the next most problematic parts of the study area serviced by combined sewers.

Discussion:

The engineering design of this project was included in the approved 2012 Wastewater & Treatment and Water Capital Works Budgets. The project facilitated a two year design period with construction planned for the 2014 construction season. This construction was included in the approved 2014 Wastewater & Treatment and Water Capital Works Budgets.

Fairview Avenue, Fairview Court and Weston Street have been identified as high priorities in the replacement programs due to the poor condition of the municipal infrastructure and the need for sewer separation. The sanitary sewer, private drain connections and cast iron watermain on these streets were originally installed between 1919 and 1927. The sewers and watermain in this location have reached the end of their life expectancy. In addition, there are currently no storm sewers within these project limits. Introducing 840 meters of new storm sewers (plus 260 meters on Wellington Road) will provide increased surface flooding protection to the neighborhood.

This project effectively removes existing combined sewers within the limits of this project. Removing storm water from the sanitary sewer reduces the risk of basement flooding as it lowers the risk of sewer overloading. It also provides the added benefit of reduced treatment costs to the City at the Wastewater Treatment Plants. Removing these extraneous flows also will result in fewer combined sewer overflows providing direct environmental benefits such as the water quality and aquatic habitat of the Thames River. In the long term, when all of the projects recommended by the Master Plan are completed, significant storm flow volume will be removed from the sanitary system annually.

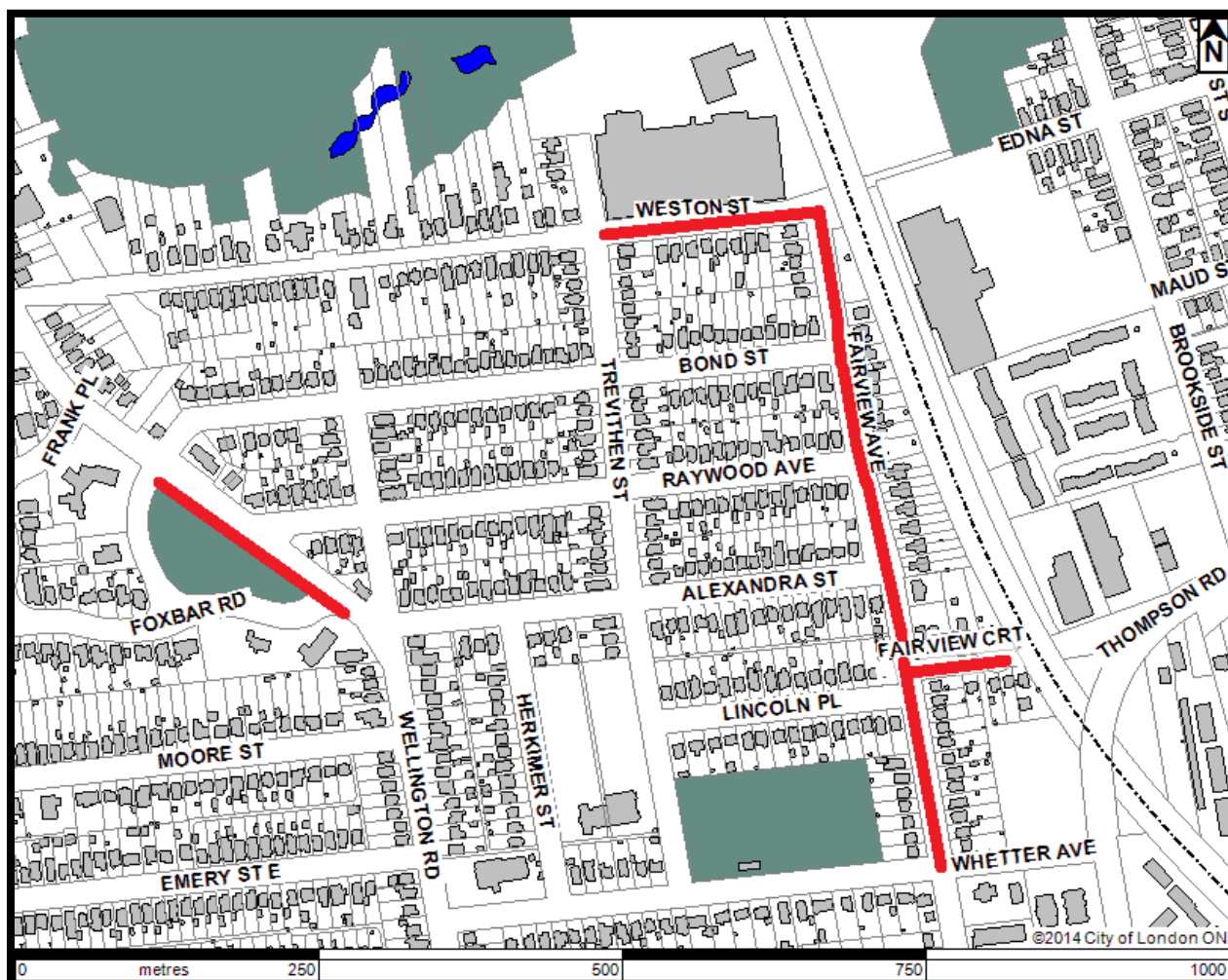
Agenda Item # Page #

--	--

The construction program also includes replacement of lead water services within the City's right-of-way, replacement of private drain connections where requested, replacement of curb and gutter, new sidewalks and full asphalt road replacement for the full limits of construction

A public information session was held on November 27, 2013 specifically for all owners and residents within and immediately bordering the project area to address questions and concerns.

A Project Location map is included for reference.



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 2014 Infrastructure Lifecycle Renewal Program, Contract #7 Project were opened on February 12, 2014, Six (6) contractors submitted tender prices as listed below, excluding HST.

Agenda Item #

Page #

--	--

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Bre-Ex Construction Inc.	\$3,204,133.96	\$3,203,419.91
2.	Omega Contractors Inc.	\$3,426,296.62	\$3,426,296.61
3.	L 82 Construction Limited	\$3,531,661.26	\$3,530,743.81
4.	291 Construction	\$3,549,494.07	\$3,546,642.30
5.	Amico Infrastructures (Oxford) Inc.	\$3,681,270.20	\$3,681,250.20
6.	2153592 Ontario Limited (o/a Elgin Construction)	\$4,090,014.78	--

All tenders have been checked by the Environmental and Engineering Services Department and the City's consultant, Dillon Consulting Limited. Five of the submitted tenders were found to contain minor mathematical errors; however the order of the bidders remains the same.

The tender estimate just prior to tender opening was \$ \$3,017,706.50, excluding HST. All tenders include a contingency allowance of \$200,000.00, excluding HST.

Minor future additional annual operating costs of \$1,350.00 are recognized as a result of this project noting that these costs are attributed to new infrastructure installation and will be considered and accommodated within future Wastewater & Treatment operating budgets.

Consulting Services:

Dillon Consulting Limited was awarded the detailed design by Council on May 29, 2012. Due to their knowledge and experience with this project, Dillon Consulting Limited 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 Dillon Consulting Limited be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$315,543.25, excluding HST, noting the upset amount for total engineering services for the project is \$513,317.75, excluding HST, spread over 2012 – 2015.

Conclusions:

Award of the 2014 Infrastructure Lifecycle Renewal Program, Contract #7 to Bre-Ex Construction Inc. will allow the project objectives to be met within the available budget.

The use of Dillon Consulting Limited, for the remainder of engineering services for this project is in the best financial and technical interests of the City.

Agenda Item #

Page #

--	--

Acknowledgements:

This report was prepared within the Water Engineering Division by Dave Chromczak, and reviewed by Roland Welker, P.Eng., Division Manager, Water Engineering.

PREPARED BY:	SUBMITTED BY:
ROLAND WELKER, P. ENG. DIVISION MANAGER WATER ENGINEERING	JOHN LUCAS, P.ENG. DIRECTOR – WATER AND WASTEWATER
RECOMMENDED BY:	
JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER	

March 19, 2014

UD/dc

Attach: Appendix "A" – Sources of Financing

Y:\Shared\Wastew\WPDOCS\RPRT_BOC\Replacement Program\Civic Works 2014

c.c.	Tom Copeland	Rick Pedlow
	Roland Welker	Justin Lawrence
	Pat Shack	John Simon
	Bre-Ex	Dillon