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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 8, 2015
FROM:	JOHN BRAAM, P. Eng. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 15-03 2015 INFRASTRUCTURE RENEWAL PROGRAM COLBORNE AND SOUTH STREET RECONSTRUCTION PROJECT

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 2015 Infrastructure Renewal Program, Colborne and South Street Reconstruction Project:

- (a) the bid submitted by Blue Con Construction (Blue Con), at its tendered price of \$4,949,494.94, excluding HST, for the 2015 Infrastructure Renewal Program, Colborne and South Street Reconstruction Project, **BE ACCEPTED**; it being noted that the bid submitted by Blue Con, was the lowest of five bids received and meets the City's specifications and requirements in all areas;
- (b) AECOM Canada Ltd. (AECOM), **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 \$357,175.50 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) That Civic Administration **BE AUTHORIZED** to remove the traffic signal at the intersection of Grey Street and Colborne Street and replace it with an all-way stop;
- (f) the attached proposed by-law (Appendix "C") **BE INTRODUCED** at the Municipal Council meeting to be held on April 14, 2015 for the purpose of amending the Traffic and Parking By-law (P.S. 111) related to the removal of the traffic signal at the intersection of Grey Street and Colborne Street.
- (g) 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 15-03); and
- (h) 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 2014-2015, (Contract 1), Civic Works Committee, May 26, 2014, Agenda Item # 8.

Old Victoria Hospital Lands Secondary Plan - Report to The Planning and Environment Committee (June 17, 2014). [Old Victoria Hospital Lands Secondary Plan](#)

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BACKGROUND

Purpose:

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

Colborne Street from Thames River to Grey Street, and
South Street from Colborne Street to Maitland Street

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 approved 2015 Wastewater & Treatment, Water and Transportation Capital Works Budgets.

Discussion:

This Infrastructure Renewal project includes the following improvements:

- replacement of sanitary and storm sewers;
- Storm channel improvements from the storm outlet to the Thames River;
- replacement of watermain and individual water services to property line where applicable;
- full road reconstruction, including new asphalt, curb and gutter, sidewalks, raised intersections, parking bays, removal of existing traffic signals and introduction of defined bike lanes.

Colborne and South Streets are located in the South of Horton Street (SoHo) Development area and have been identified as a high priority in the replacement programs due to the poor condition of the municipal infrastructure. The sewers and watermains on these streets were originally installed around 1900, and have reached the end of their life expectancy. A Project Location map is included for reference in Appendix B.

The existing Colborne Street storm sewer, now undersized, conveys a combination of both sanitary overflow and stormwater. The reconstructed sewer will be enlarged and will eventually convey stormwater only, thereby providing an immediate and significant environmental improvement over current water quality conditions. The reconstruction of this storm sewer facilitates and supports future redevelopment of lands within the Old Victoria Hospital Lands Secondary Plan (Old Vic Plan) approved in June 2014, and provides increased surface flooding protection to the neighborhood. Subsequent projects in the area will permit the removal of existing combined sewers.

An Environmental Impact Study (EIS) was prepared for this project due to location of the existing storm sewer outlet, noting it was developed in concert with the approved EIS done for the SoHo redevelopment lands in 2013. The reconstruction of the sewer and outfall channel will provide an overall benefit through improved water quality and improved habitats in the area of restoration. The proposed reconstruction of the Colborne street storm sewer was planned and recommended in the Old Vic Plan and is in conformance with the Thames Valley Corridor Plan (TVCP, City of London 2011) as it provides restoration and overall benefit to the natural heritage features.

The work has also been designed to complement the recently constructed Nelson Project (2014) and will provide the infrastructure servicing requirements needed to support development as per the vision outlined in the June 2011 Community approved SoHo Community Improvement Plan (SoHo Plan).

A public information session was held on February 4, 2015 specifically for all owners and residents within and immediately bordering the project area to address questions and concerns.

The project has been divided into 3 stages of reconstruction to ensure reduced disruption to existing property owners over the duration of the project.

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Streetscape Improvements:

Similar to the Horton Street Reconstruction project completed in 2012, this work includes the integration of streetscape improvements along the Colborne Street corridor. These enhancements coincide with the SoHo and Old Vic Plans. The improvements will facilitate and bring both aesthetic and functional changes to the area and is the third of many projects to come in the SoHo area that implement the vision for the SoHo Community while providing an opportunity to begin changing the character of the area.

As a result, several Urban Design elements have been included along Colborne Street from Nelson Street to Hill Street including the implementation of a pedestrian friendly streetscape and a connection to the future “four corners” improvement project at South and Colborne as outlined in the Old Vic Plan.

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 2015 Infrastructure Renewal Program, Colborne and South Street Reconstruction Project were opened on March 3, 2015. Five (5) contractors submitted tender prices as listed below, excluding HST.

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Blue-Con Construction	\$4,949,494.94	
2.	Omega Contractors Inc.	\$5,301,047.38	\$5,301,647.38
3.	Bre-Ex Construction Ltd.	\$5,310,081.28	\$5,304,450.83
4.	Elgin Construction Ltd.	\$5,933,991.43	
5.	Amico Infrastructuces (Oxford) Inc	\$6,093,523.00	

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

The tender estimate just prior to tender opening was \$5,200,000.00, excluding HST. The low tender is 4% 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 \$450,000.00.

No additional annual operating costs are attributed to new infrastructure installation.

Consulting Services:

AECOM was awarded the detailed design by Council on June 10, 2014. Due to their knowledge and experience with this project, AECOM 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 AECOM be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$357,175.50, excluding HST, noting the upset amount for total engineering services for the project is \$684,610.30 excluding HST, spread over 2014 – 2015.

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Conclusions:

Award of the 2015 Infrastructure Renewal Program, Colborne and South Street reconstruction project to Blue Con Construction Ltd. will allow the project objectives to be met within the available budget.

The use of AECOM, 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 Ugo DeCandido, P. Eng., Environmental Service Engineer and Doug Law, Senior Technologist, Wastewater and Drainage Engineering.

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

March 31, 2015

UD/dl

- Attach: Appendix "A" – Sources of Financing
 Appendix "B" – Project Location Map
 Appendix "C" – By-law to Amend the Traffic & Parking By-Law (P.S. 111)

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| c.c. | Roland Welker
Edward Soldo
Sean Galloway | John Freeman
Justin Lawrence
Blue Con | Pat Shack
Shane Maguire
AECOM |
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