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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON JUNE 17, 2013
FROM:	JOHN BRAAM, P. Eng. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 13-19 2013 INFRASTRUCTURE LIFECYCLE RENEWAL PROGRAM CONTRACT 2: WATERLOO 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 2013 Lifecycle Renewal Program, Contract #2: Waterloo Street, from Victoria Street to Huron Street Reconstruction Project (EW3765-13, ES2414-12, ES2414-13, TS3014-13, TS3037-13).

- (a) the bid submitted by TRI-CON EXCAVATING Incorporated (TRI-CON), 4023 Meadowbrook Drive, London ON, N6L 1E7, at its tendered price of \$1,596,460.18 (excluding H.S.T.), for the 2013 Infrastructure Lifecycle Renewal Program, Contract #2 project, **BE ACCEPTED**; it being noted that the bid submitted by TRI-CON was the lowest of eight bids received and meets the City's specifications and requirements in all areas;
- (b) Spriet Associates London Limited (Spriet), 155 York Street, London ON, N6A 1A8, **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 \$173,470.00 (excluding H.S.T.), 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 \$200.00 **BE RECOGNIZED** as a result of this project, it being noted 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 13-19); 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
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- [Appointment of Consulting Engineers, Infrastructure Lifecycle Renewal Program, 2013-2014 \(Contract 2\), Civic Works Committee, May 29, 2012, Agenda Item #7](#)

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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:

Waterloo Street from Victoria Street to Huron Street.

This work includes installation of new larger storm sewers, full replacement of sanitary sewers, watermain and all water services, construction of new sidewalks, curb and gutter, and asphalt road.

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

Discussion:

Funding to construct this project is included in the approved 2013 Wastewater & Treatment, Water, and Transportation Capital Works Budgets. This street was identified as a high priority in the utility replacement program due to the aging condition of the municipal infrastructure, and the poor road condition. The existing asphalt surface is failing with visible cracking, and deterioration. The road surface will be replaced, including the addition of larger new storm sewers and replacement of curb and gutter to improve road drainage and to provide increased surface flooding protection to the neighborhood.

Following this work, over the next few years, downstream storm sewer improvements are required on Victoria Street to Gibbons Place to help alleviate capacity constraints in the existing system. These necessary infrastructure renewal projects have been recently included in the City's infrastructure plans.

The watermain on Waterloo Street between Victoria Street and Regent Street was constructed in 1881; between Regent Street and Huron Street it was constructed in 1918. The sanitary sewer and existing undersized storm sewer were originally constructed between 1914 and 1916. All the infrastructure on Waterloo Street has exceeded its life expectancy and needs to be renewed.

The construction program includes replacement of old cast iron watermains, water services, replacement of private drain connections, replacement of curb and gutter, new sidewalks and full asphalt road replacement for the full limits of construction

Ryerson Public Elementary School is located on the east side of Waterloo Street, south of Victoria Street. The construction has been planned with consideration for the safety of School Community and will not begin until early July 2013. There will be a raised intersection constructed at the intersection of Waterloo Street and Victoria Street for the safety of the children that attend Ryerson Public Elementary School. The raised intersection will ensure that vehicular traffic comes to a complete stop. The City's Transportation Division worked in collaboration with the consultant to design the raised intersection.

A public information session was held on February 20, 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 on the next page for reference.

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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 2013 Infrastructure Lifecycle Renewal Program, Contract #2 Project were opened on April 24, 2013. Eight (8) contractors submitted tender prices as listed below (excluding H.S.T.).

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CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Tri-Con Excavating Inc.	\$ 1,596,460.18	--
2.	Bre-Ex Limited	\$ 1,720,596.06	--
3.	Omega Contractors Inc.	\$ 1,798,228.00	--
4.	291 Construction Ltd.	\$ 1,802,282.10	--
5.	CH Excavating	\$ 1,804,409.01	--
6.	Aar-Con Excavating	\$ 1,826,935.92	--
7.	Elgin Construction	\$ 1,962,595.17	--
8.	Amico Infrastructures (Oxford) Inc.	\$ 2,116,689.30	--

All tenders have been checked by the Environmental and Engineering Services Department and the City's consultant, Spriet. None of the bids contained mathematical errors.

The tender estimate just prior to tender opening was \$1,990,000.00 (excluding H.S.T.). The low tender is about 20% below the estimate. This indicates a very competitive environment and illustrates the benefit of strategically staging City tenders and tendering projects early in the construction season. All tenders included a contingency allowance of \$200,000.00 (excluding H.S.T.).

Minor future additional annual operating costs of \$200.00 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:

Spriet was awarded the detailed design by Council on June 12, 2012. 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, it is recommended that Spriet be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$173,470.00 (excluding H.S.T.), noting the upset amount for total engineering services for the project is \$306,652.50 (excluding H.S.T.) spread over 2012 – 2013.

Conclusions:

Award of the 2013 Infrastructure Lifecycle Renewal Program, Contract #2 to TRI-CON will allow the project objectives to be met within the available budget.

The use of Spriet 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 by the Water Engineering Division by Bob Moore, Technologist in collaboration with the Wastewater and Drainage Engineering Division, Ugo DeCandido, Environmental Services Engineer.

SUBMITTED BY:	RECOMMENDED BY:
JOHN LUCAS, P. ENG. DIRECTOR, WATER AND WASTEWATER	JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER

June 12, 2013
BM/pl/ud

Attach: Appendix "A" – Sources of Financing

Y:\Shared\Wastew\WPDOCS\RPRT_BOC\Replacement Program\Civic Works 2013

c.c. Tom Copeland
Roland Welker
Justin Lawrence
John Simon
Rick Pedlow
Spriet Associates London Limited
Tri-Con Excavating Inc