

Agenda Item # Page #

--	--

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 23, 2012</b>
<b>FROM:</b>	<b>JOHN BRAAM, P. Eng. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>CONTRACT AWARD: TENDER NO. T12-09 2012 INFRASTRUCTURE LIFECYCLE RENEWAL PROGRAM CONTRACT#3: CENTRE STREET/CENTRE CRESCENT RECONSTRUCTION</b>

<b>RECOMMENDATION</b>
-----------------------

That, on the recommendation of the Acting Executive Director, Planning, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the award of contracts for the 2012 Lifecycle Renewal Program, Contract #3: Centre Street and Centre Crescent Reconstruction Project (ES2414-12, EW3765-12).

- (a) the bid submitted by Bre-Ex Limited (Bre-Ex), 247 Exeter Road, London ON, N6L 1A5, at its corrected tendered price of \$1,481,873.15 (excluding H.S.T.), for the 2012 Infrastructure Lifecycle Renewal Program, Contract #3 project, **BE ACCEPTED**; it being pointed out that the bid submitted by Bre-Ex was the lowest of ten (10) bids received and meets the City's specifications and requirements in all areas;
- (b) R.V. Anderson Associates (RVA), 557 Southdale Road E., Ste. 200, London, Ontario, N6E 1A2, **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 \$161,491.00 (excluding H.S.T.), noting that this firm completed the engineering design, 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;
- (c) minor future additional annual operating costs of \$250.00 **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 Wastewater & Treatment 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 12-09); and
- (g) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
--

- [Appointment of Consulting Engineers Infrastructure Lifecycle Renewal and Growth Management Implementation Strategy Programs 2012 -2013 \(Contract #3\), Built and Natural Environment Committee, July 18, 2011, Agenda # 6.](#)

Agenda Item #	Page #

<b>BACKGROUND</b>
-------------------

**Purpose:**

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

Centre Street from Cotswold Gate to Centre Crescent  
Centre Crescent from Centre Street, all

This work includes replacement and improvements to the existing sanitary and storm sewers, waterman and lead water service replacement, plus construction of new curb and gutter, and asphalt road.

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

**Discussion:**

The reconstruction of Centre Street & Centre Crescent is included in the approved 2012 Wastewater & Treatment and Water Capital Works Budget. These streets have been identified as a high priority in the replacement programs due to the poor condition of the municipal infrastructure. The sanitary sewer, private drain connections (pdc's) and water mains on these streets were originally installed in 1958. The sewers and water mains in these locations have reached the end of their life expectancy noting they have deteriorated more rapidly than anticipated.

The construction program also includes replacement of old 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. In addition, there will be upgrades to the sanitary sewer outlet servicing the neighborhood and improvements made to the existing storm sewer outlet. The storm outlet, located off Centre Crescent into the adjacent open space (westerly boundary of subdivision) will help alleviate existing drainage issues. Enhanced improvements to the storm sewer system will provide increased surface flooding protection to the neighborhood, noting surface flooding can be a contributing factor to basement and/or property flooding.

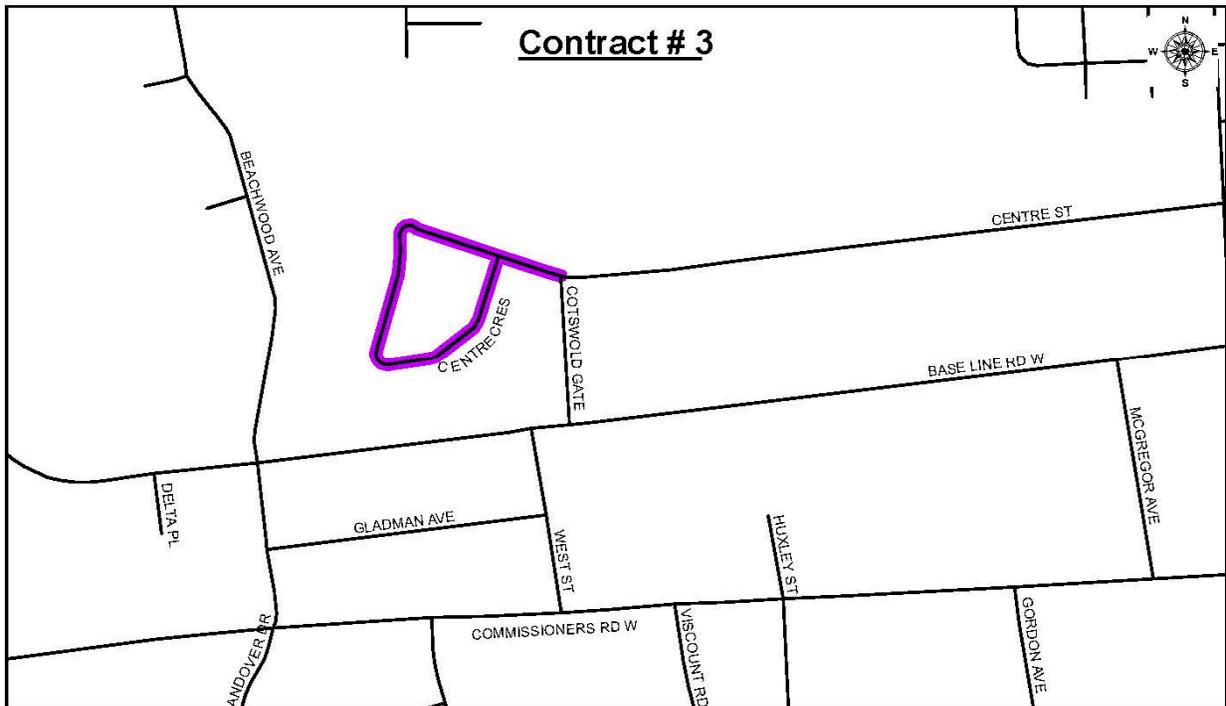
As part of this contract, work will be undertaken in the rear yards of a group of properties on Centre Crescent (backing onto adjacent yards on Baseline Road) to help rectify long-standing private yard flooding issues experienced by the owners. These problems were likely the result of inheriting poor drainage infrastructure from the annexation of Westminster Township.

A public information session was held in December 2011 specifically for all owners and residents within and immediately bordering the project area to address questions and concerns.

In conjunction with the construction of this Capital Works Project, the City is administering the 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 property line at the City's cost and the property owner may elect to replace their private side connection at their cost, if required.

Agenda Item #	Page #

A Project Location map is included below for reference.



#### Tender Summary:

Tenders for the 2012 Infrastructure Lifecycle Renewal Program, Contract #3 Project were opened on March 7, 2012. Ten (10) contractors submitted tender prices as listed below (exclusive of H.S.T.).

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Bre-Ex Limited	\$1,481,443.15	\$1,481,873.15
2.	Tri-Con Excavating	\$1,504,336.28	-
3.	Aar-Con Excavating	\$1,586,725.66	\$1,586,731.66
4.	C.H. Excavating Limited	\$1,589,181.60	-
5.	291 Construction	\$1,596,295.26	\$1,596,295.30
6.	Omega Contractors	\$1,670,902.00	-
7.	Blue-Con Construction	\$1,671,593.70	-
8.	Elgin Construction	\$1,674,253.66	-
9.	J-AAR Excavating Limited	\$1,691,152.60	-
10.	L-82 Construction Limited	\$1,743,112.98	\$1,743,312.98

All tenders have been checked by the City and the City's consultant RVA. Four (4) of the tender bids contained mathematical errors. The corrected amounts had no effect on the ranking of the three lowest tenders.

The tender estimate just prior to tender opening was \$1,624,000.00 (excluding H.S.T.). The low tender is about 10% below the estimate indicating a very competitive environment and

Agenda Item #	Page #

illustrates the benefit of tendering projects early in the construction season. All tenders include a contingency allowance of \$140,000.00 (excluding H.S.T.).

Minor future additional annual operating costs of \$250.00 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:**

RVA was awarded the detailed design by Council on July 25, 2011. Do to their knowledge and experience with this project, RVA 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 RVA be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$161,491.00 (excluding H.S.T.), noting the upset amount for total engineering services for the project is \$275,423.50 (excluding H.S.T.) spread over 2011 and 2012.

#### **Conclusions:**

Award of the construction contract to Bre-Ex will allow the project objectives to be met within the available budget.

The use of RVA 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, Environmental Services Engineer, and Steve Mansell, Senior Technologist.

<b>SUBMITTED BY:</b>	<b>RECOMMENDED BY:</b>
<b>TOM COPELAND, P. ENG. DIVISION MANAGER WASTEWATER AND DRAINAGE ENGINEERING</b>	<b>JOHN BRAAM, P.ENG. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>

April 19, 2012

UD/sm

Attach: Appendix "A" – Sources of Financing

Y:\Shared\Wastew\WPDOCS\RPRT\_BOC\Replacement Program\Civic Works 2012

c.c. Bre-Ex Limited  
R.V. Anderson Associates  
Roland Welker  
Justin Lawrence  
Rick Pedlow  
Mary Goss