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| <b>TO:</b>      | <b>CHAIR AND MEMBERS<br/>CIVIC WORKS COMMITTEE<br/>MEETING ON APRIL 22, 2013</b>  |
| <b>FROM:</b>    | <b>JOHN BRAAM, P. Eng.<br/>MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES<br/>&amp; CITY ENGINEER</b>                      |
| <b>SUBJECT:</b> | <b>CONTRACT AWARD: TENDER NO. 13-20<br/>2013 INFRASTRUCTURE LIFECYCLE RENEWAL PROGRAM<br/>CONTRACT 9: BURBROOK PLACE RECONSTRUCTION</b> |

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| <b>RECOMMENDATION</b> |
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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 #9: Burbrook Place Reconstruction Project (ES2414-13, EW3765-13, TS3014-13).

- (a) the bid submitted by Bre-Ex Ltd. (Bre-Ex), 247 Exeter Road, London, ON, N6L 1A5, at its tendered price of \$1,539,635.15 (excluding H.S.T.), for the 2013 Infrastructure Lifecycle Renewal Program, Contract #9 project, **BE ACCEPTED**; it being pointed out that the bid submitted by Bre-Ex was the lowest of nine bids received and meets the City's specifications and requirements in all areas;
- (b) Dillon Consulting Limited (Dillon), 130 Dufferin Avenue Box 426, London ON, N6A 4W7, **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 \$197,477.50 (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 \$300.00 **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 13-20); and
- (g) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

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| <b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b> |
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- [Appointment of Consulting Engineers, Infrastructure Lifecycle Renewal Program, 2013-2014, 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:

Burbrook Place from Princess Avenue to Dundas Street (460m)

This work includes replacement of existing and installation of new storm sewers, replacement of existing sanitary sewers, watermain and lead water service replacement, construction of new sidewalks, curb and gutter, and asphalt road.

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

### Discussion:

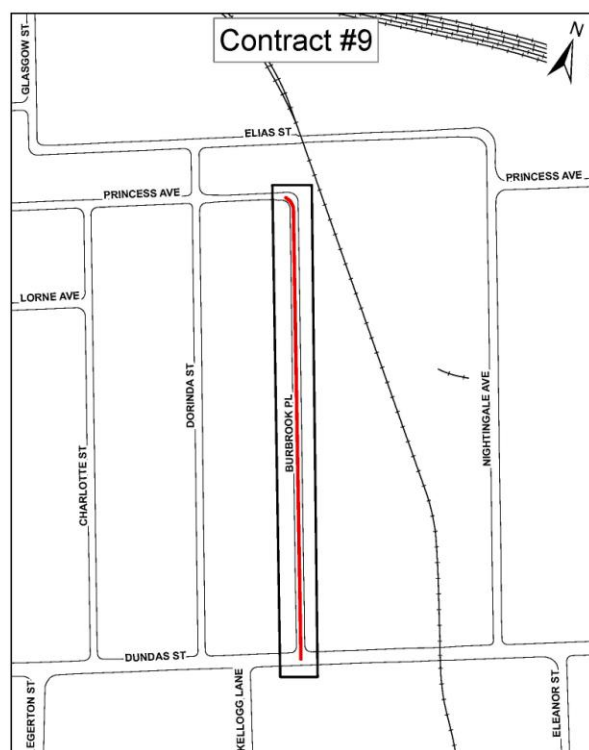
Burbrook Place has been identified as a high priority in the replacement program due to the poor condition of the municipal infrastructure. The sanitary sewer and private drain connections on this street were originally constructed in 1915. The watermain was installed in 1921. The sewers and watermain in this location have reached the end of their life expectancy. In addition, there are currently no storm sewers in about 50% of the project limits. Introducing 200 meters of new storm sewers will provide increased surface flooding protection to the neighborhood.

The construction program also includes replacement of lead 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.

A public information session was held on January 30, 2013 specifically for all owners and residents within and immediately bordering the project area to address questions and concerns.

During the construction phase of this project a few LTC buses, with existing routes on Dundas Street, will be rerouted to neighbouring streets. LTC has coordinated these changes with the City's project team. In addition, this project requires the closure of Dundas Street (at Burbrook Place) for two weeks to undertake sewer and watermain connections in the intersection. During this time, traffic will be detoured along Florence Street between Egerton Street and Highbury Avenue.

A Project Location map is included below 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. Similarly the Lead Replacement Program is also covered by 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. 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 #9 project were opened on March 13, 2013. Nine (9) contractors submitted tender prices as listed below (exclusive of H.S.T.).

| CONTRACTOR |                     | TENDER PRICE SUBMITTED | CORRECTED TENDER PRICE |
|------------|---------------------|------------------------|------------------------|
| 1.         | Bre-Ex Limited      | \$1,539,635.15         | --                     |
| 2.         | Van Bree Drainage   | \$1,631,100.00         | --                     |
| 3.         | Omega Contracting   | \$1,660,970.16         | --                     |
| 4.         | Tri-Con Excavating  | \$1,675,512.95         | --                     |
| 5.         | CH Excavating       | \$1,742,501.08         | --                     |
| 6.         | Elgin Construction  | \$1,792,664.98         | --                     |
| 7.         | 291 Construction    | \$1,816,810.93         | --                     |
| 8.         | Amico Construction  | \$1,838,139.60         | --                     |
| 9.         | United Construction | \$1,862,761.95         | --                     |

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

The tender estimate just prior to tender opening was \$1,928,412.00 (excluding H.S.T.). The low tender is 25% 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 include a contingency allowance of \$200,000.00 (excluding H.S.T.).

Minor future additional annual operating costs of \$300.00 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 was awarded the finalization of detailed design by Council on June 12, 2012. 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 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 \$197,477.50 (excluding H.S.T.), noting the upset amount for total engineering services for the project is \$439,312.50 (excluding H.S.T.) spread over 2012 – 2013.

#### **Conclusions:**

Award of the construction contract to Bre-Ex 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.

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**Acknowledgements:**

This report was prepared within the Wastewater and Drainage Engineering Division by Kyle Chambers, Environmental Services Engineer.

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| <b>SUBMITTED BY:</b>  | <b>RECOMMENDED BY:</b>  |
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| <b>JOHN LUCAS, P. ENG.<br/>DIRECTOR, WATER AND WASTEWATER</b> | <b>JOHN BRAAM, P.ENG.<br/>MANAGING DIRECTOR,<br/>ENVIRONMENTAL &amp; ENGINEERING<br/>SERVICES &amp; CITY ENGINEER</b> |

April 15, 2013  
KJC/kjc

Attach: Appendix "A" – Sources of Financing

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c.c. Roland Welker      Rick Pedlow      Justin Lawrence      John Simon  
Bre-Ex Limited      Dillon Consulting