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| <b>TO:</b>      | <b>CHAIR AND MEMBERS<br/>CIVIC WORKS COMMITTEE<br/>MEETING ON APRIL 23, 2012</b>  |
| <b>FROM:</b>    | <b>JOHN BRAAM, P. Eng.<br/>ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL &amp;<br/>ENGINEERING SERVICES &amp; CITY ENGINEER</b>                  |
| <b>SUBJECT:</b> | <b>CONTRACT AWARD: TENDER NO. 12-33<br/>2012 INFRASTRUCTURE LIFECYCLE RENEWAL PROGRAM<br/>CONTRACT #5: TALBOT &amp; BARTON STREETS RECONSTRUCTION</b> |

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| <b>RECOMMENDATION</b> |
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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 #5: Talbot and Barton Streets Reconstruction Project (ES2414-12, EW3787-11, TS1446-12, TS4067-12):

- (a) the bid submitted by Bre-Ex Limited (Bre-Ex), 247 Exeter Road, London ON, N6L 1A5, at its corrected tendered price of \$3,021,916.27 (excluding H.S.T.), for the 2012 Infrastructure Lifecycle Renewal Program, Contract #5 project, **BE ACCEPTED**; it being pointed out that the bid submitted by Bre-Ex was the lowest of eight (8) bids received and meets the City's specifications and requirements in all areas;
- (b) Spriet Associates London Limited (Spriet), 155 York Street, London, Ontario, N6A 1A8, **BE AUTHORIZED** to complete the remainder of design and 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 \$267,399.00 (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) 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) 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 12-33); and
- (f) 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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- [BNEC Report of 2011-07-18, Agenda Item #6: Appointment of Consulting Engineers Infrastructure Lifecycle Renewal And Growth Management Implementation Strategy Programs 2012 – 2013 \(Contract #5\).](#)

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**BACKGROUND**

**Purpose:**

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

Talbot Street from Oxford Street East to Kent Street  
 Barton Street from Talbot Street to west limit

This work includes some local sanitary sewer replacement, installation of 156 meters of new storm sewers, some other sanitary and storm sewer improvements, watermain and lead water service replacement, construction of new sidewalks, curb & gutter, and asphalt road.

Infrastructure replacement needs have been coordinated with Wastewater & Drainage Engineering (WADE), Water Engineering, Transportation Planning & Design, Parking & Traffic Signals and Construction Administration for efficient use of funds during construction. Additionally, replacement needs have been coordinated with external utilities and as a result, work required by Bell Canada has been incorporated into the project. Incorporation of this work results in cost savings being recognised by both parties due to increased efficiencies and the limiting of potential future work.

**Discussion:**

The reconstruction of Talbot and Barton Streets is included in the approved 2012 Wastewater & Treatment, Water Engineering, and Transportation Capital Works Budgets. These streets have been identified as a high priority in the replacement programs due to the poor condition of the municipal infrastructure. Some sanitary sewers and private drain connections are over 100 years old and cast iron watermains on these streets were originally installed between 1905 and 1910. The sewers and watermains in these locations have reached the end of their life expectancy.

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 including a minor road widening in some sections to allow for vehicle and bicycle to share the road safely.

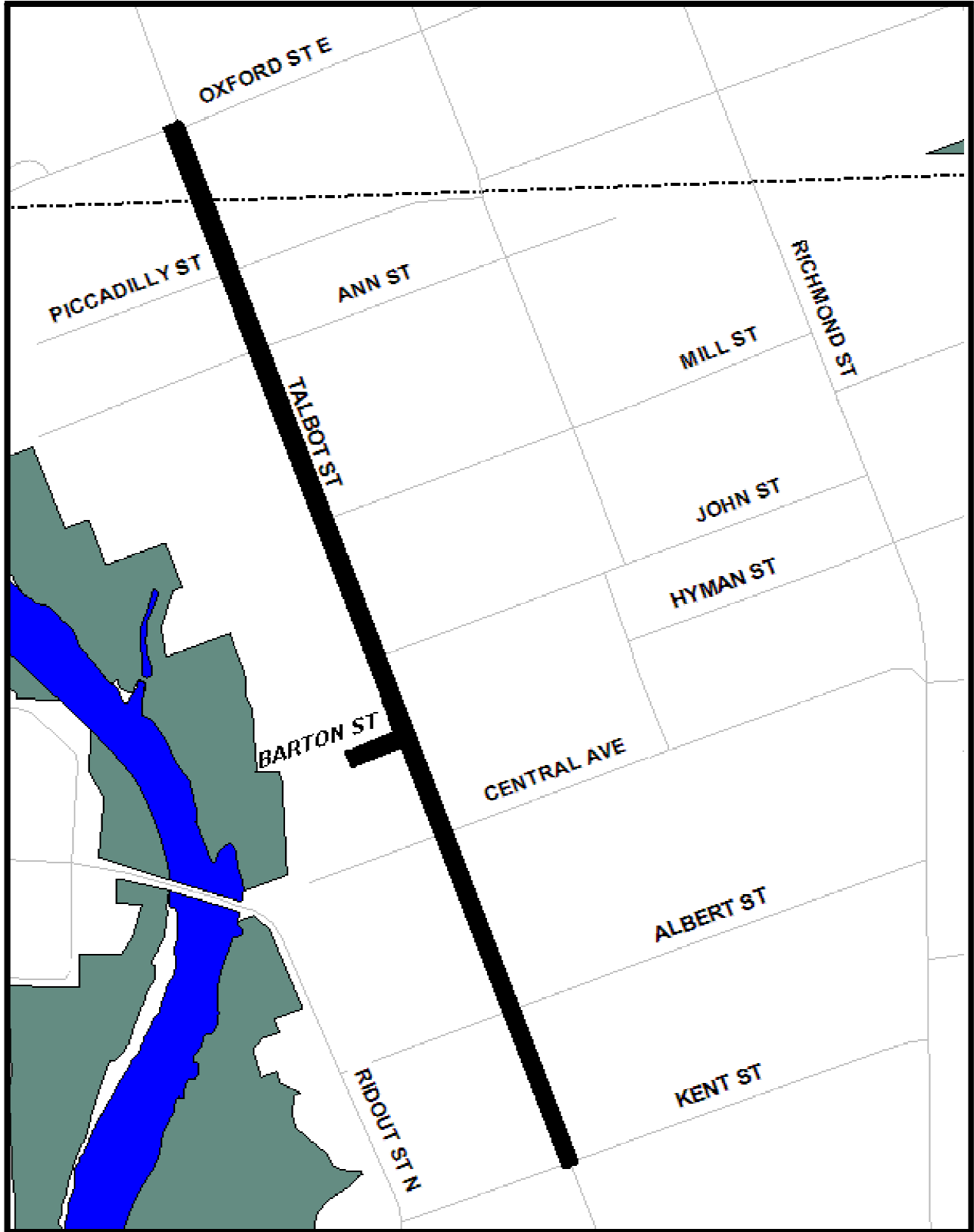
This project also includes the adjustment of a sanitary sewer overflow that effectively reduces the sanitary overflow into the storm relief sewer. Reducing sanitary overflows is a direct benefit to the environment.

In addition, several existing brick sanitary manholes are over 110 years old and will be replaced as part of this project. This will help facilitate the lining of the sanitary brick sewer, noting the project will be addressed by others following the completion of this project.

As part of this project an existing pedestrian crosswalk located at Talbot Street and Central Avenue, is being upgraded and relocated from the south to the north side of Central Avenue.

A public information session was held in February 2012 specifically for all owners and residents within and immediately bordering the project area to address questions and concerns.

A Project Location map is included below 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. 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.

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Homeowners may be eligible to participate in the Lead Service Extension Replacement Loan Program.

**Tender Summary:**

Tenders for the 2012 Infrastructure Lifecycle Renewal Program, Contract #5 Project were opened on March 21, 2012. Eight (8) contractors submitted tender prices as listed below (exclusive of H.S.T.).

| CONTRACTOR |                                    | TENDER PRICE SUBMITTED | CORRECTED TENDER PRICE |
|------------|------------------------------------|------------------------|------------------------|
| 1.         | Bre-Ex Limited                     | \$3,022,466.27         | \$3,021,916.27         |
| 2.         | C.H. Excavating (London) Limited   | \$3,086,638.85         | ---                    |
| 3.         | Omega Contractors Inc.             | \$3,154,126.13         | ---                    |
| 4.         | Elgin Construction                 | \$3,264,175.17         | \$3,264,163.02         |
| 5.         | Blue-Con Construction              | \$3,329,615.72         | \$3,329,695.72         |
| 6.         | L-82 Construction Ltd.             | \$3,332,896.80         | ---                    |
| 7.         | Tri-Con Excavating Inc.            | \$3,683,838.90         | ---                    |
| 8          | AMICO Infrastructure (Oxford) Inc. | \$4,513,483.26         | ---                    |

All tenders have been checked by the City’s consultant Spriet and by the Planning, Environmental and Engineering Services Department. Three (3) of the tender bids contained mathematical errors, however; the corrected amounts had no affect on the ranking of the three (3) lowest tenders.

The tender estimate just prior to tender opening was \$3,184,595.00 (excluding H.S.T.). The low tender is about 5% below the estimate indicating a very competitive environment and illustrates the benefit of tendering projects early in the construction season. All tenders include a contingency allowance of \$275,000.00 (excluding H.S.T.).

**Consulting Services:**

Spriet was awarded the detailed design by Council on July 25, 2011. Do 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, the administration is recommending that Spriet Associates London Limited be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$267,399.00 (excluding H.S.T.), noting the upset amount for total engineering services for the project is \$512,362.40 (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.

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The use of Spriet 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 Water Engineering Division by George Negas, Technologist.

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| <b>SUBMITTED BY:</b>  | <b>RECOMMENDED BY:</b>  |
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| <b>ROLAND WELKER, P.ENG.<br/>MANAGER,<br/>WATER ENGINEERING</b> | <b>JOHN BRAAM, P.ENG.<br/>ACTING EXECUTIVE DIRECTOR, PLANNING,<br/>ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp;<br/>CITY ENGINEER</b> |

April 24, 2012

RW/gn

Attach: Appendix "A" – Sources of Financing

c.c. Bre-Ex Limited  
 Spriet Associates London Limited  
 Tom Copeland  
 John Lucas  
 Shane Maguire  
 Justin Lawrence  
 Rick Pedlow