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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. 13-39 2013 INFRASTRUCTURE LIFECYCLE RENEWAL PROGRAM CONTRACT 12: MAITLAND STREET FROM PICCADILLY STREET TO PALL MALL STREET

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 #12: Maitland Street from Piccadilly Street to Pall Mall Street Reconstruction Project (ES2414-13, EW3765-13).

- (a) the bid submitted by C.H. Excavating (London) Ltd. 4201 Blakie Road, London, Ontario N6L 1B9, at its tendered price of \$852,421.25 (excluding H.S.T.), for the 2013 Infrastructure Lifecycle Renewal Program, Contract #12 project, **BE ACCEPTED**; it being noted that the bid submitted by C.H. Excavating (London) Ltd. was the lowest of six bids received and meets the City's specifications and requirements in all areas;
- (b) Development Engineering (London) Limited (DELL), 41 Adelaide Street North London ON N6B 3P4, **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 \$111,353.00 (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) 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 13-39); and
- (f) 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 and Growth Management Implementation Strategy Programs, 2012-2013 (Contract B), Built and Natural Environment Committee, July 18, 2011, Agenda Item #6

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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:

Maitland Street from Piccadilly Street to Pall Mall Street

This work includes full replacement of sanitary sewer, watermain and all water services, partial replacement of the storm sewer, construction of new asphalt road, including curb and gutter, and partial replacement of sidewalk.

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

Discussion:

The design of the Maitland Street project was included in the approved 2011 Wastewater & Treatment and Water Capital Works Budget. The design period was extended to address complexities of a storm sewer bottleneck at the intersection of Piccadilly and Maitland. Funding for construction is included in the approved 2013 Wastewater & Treatment and Water Capital Works Budgets.

These streets were identified as a high priority in the replacement program due to the age and poor condition of the municipal infrastructure. The sewer and the watermain are over 100 years old and have reached the end of their life expectancy. The construction program also includes replacement of water services and private drain connections (PDC), rehabilitation of a trunk watermain air chamber, replacement of curb and gutter, new sidewalks and full asphalt road replacement for the full limits of construction. The water chamber is part of the large trunk watermain grid. In order to maintain the functionality and prolong the life expectancy of the air chamber it will be cleaned and waterproofed. This project presented itself as a good opportunity to rehabilitate the existing water chambers noting Water Operations played a significant role on the strategy.

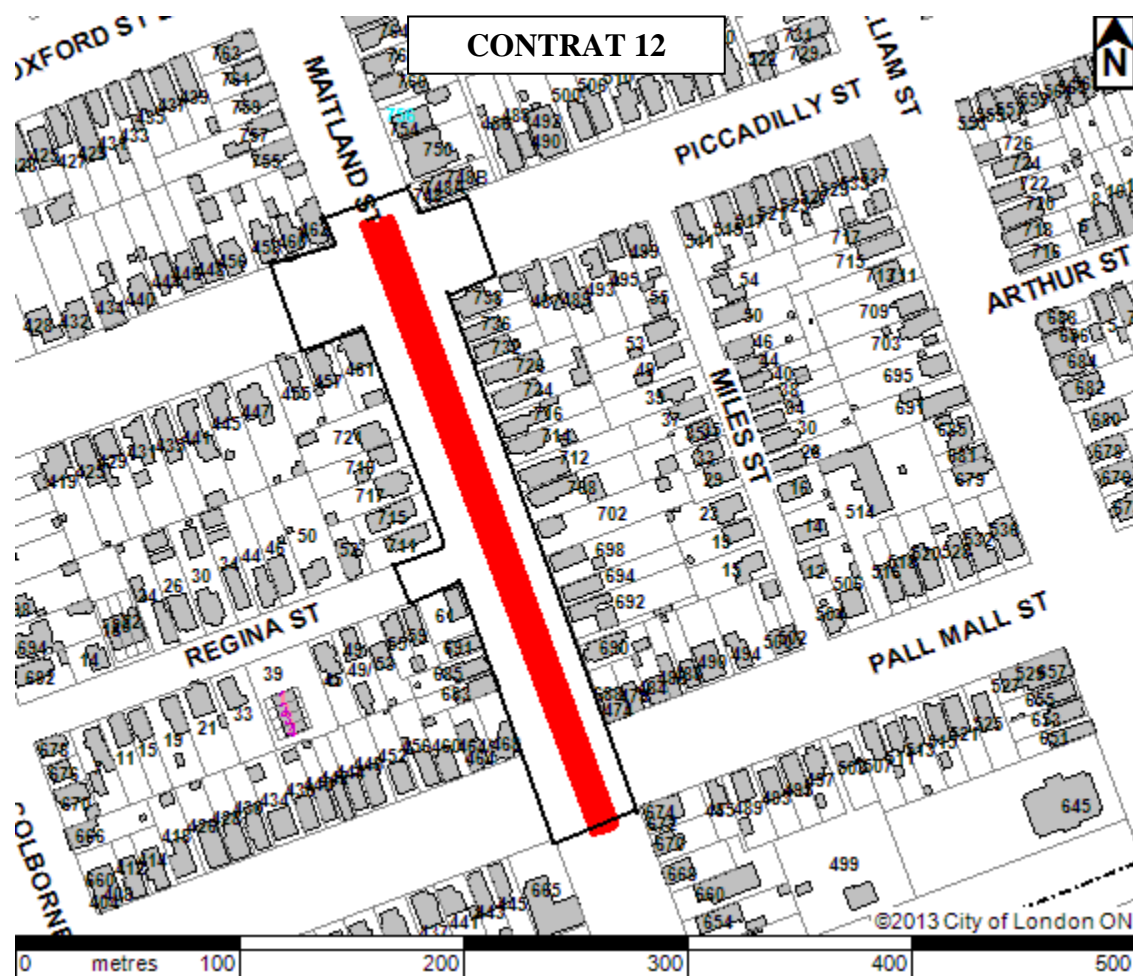
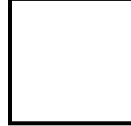
As part of this project, an upgrade to the storm sewer at the Maitland and Piccadilly intersection will be made to remove an existing bottleneck. The existing 1200mm storm sewer on Maitland Street is reduced to 600mm at the connection to the 1800mm storm sewer on Piccadilly Street. By upsizing the existing 600mm sewer to a 1200mm equivalent, the system bottleneck is eliminated which will increase the flow capacity and hydraulic efficiency of the system and will also allow further combined sewer separation projects in Old North to proceed.

A public information session was held on December 6, 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 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 project 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 #12 Project were opened on May 1, 2013. Six (6) contractors submitted tender prices as listed below (excluding of H.S.T.).

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	CH Excavating	\$852,421.25	--
2.	291 Construction	\$866,681.27	\$866,692.05
3.	Elgin Construction	\$868,619.02	--
4.	AAR-CON Excavation	\$874,760.30	\$874,770.80
5.	United Contracting	\$897,078.76	--
6.	Euro-EX Construction	\$1,168,167.00	--

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

The tender estimate just prior to tender opening was \$860,000.00 (excluding H.S.T.). All tenders include a contingency allowance of \$75,000.00 (excluding H.S.T.).

Consulting Services:

DELL was awarded the detailed design by Council on July 18, 2011. Due to their knowledge and experience with this project, DELL 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 DELL be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$111,353.00 (excluding H.S.T.), noting the upset amount for total engineering services for the project is \$225,313.00 (excluding H.S.T.) spread over 2011– 2013.

Conclusions:

Award of the 2013 Infrastructure Lifecycle Renewal Program, Contract #12 to C.H. Excavating (London) Ltd. will allow the project objectives to be met within the available budget.

The use of Development Engineering (London) Limited for the remainder of engineering services for this project is in the best financial and technical interests of the City.

Acknowledgements:

This report was jointly prepared by Water Engineering Division, Shaun Chen Engineer-in-Training, and the Wastewater and Drainage Engineering Division, Ugo DeCandido, Environmental Services Engineer and Doug Harron Technologist.

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

June 6, 2013
SC/DH/ud

Attach: Appendix "A" – Sources of Financing

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c.c. Tom Copeland Rick Pedlow Justin Lawrence John Simon
C.H. Excavating Development Engineering Roland Welker