

Agenda Item #	Page #

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MAY 14, 2012
FROM:	JOHN BRAAM, P. Eng. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 12-22 2012 INFRASTRUCTURE LIFECYCLE RENEWAL PROGRAM CONTRACT #8: DUFFERIN & PROSPECT AVENUES RECONSTRUCTION

RECOMMENDATION

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 #8: Dufferin and Prospect Avenue Reconstruction Project (ES2414, ES2414-12, EW3765-11):

- (a) the bid submitted by L82 Construction Limited (L82), 2070 Huron Street East Suite A, London ON, N5V 5A7, at its tendered price of \$1,527,042.31 (excluding H.S.T.), for the 2012 Infrastructure Lifecycle Renewal Program, Contract #8 project, **BE ACCEPTED**; it being pointed out that the bid submitted by L82 was the lowest of eight (8) bids received and meets the City's specifications and requirements in all areas;
- (b) Archibald, Gray, McKay Consulting Engineers (AGM), 3514 White Oak Road London ON, N6E 2Z9, **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 \$159,720.00 (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 12-22); 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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- [BNEC Report of 2011-07-18, Agenda Item #6: Appointment of Consulting Engineers Infrastructure Lifecycle Renewal And Growth Management Implementation Strategy Programs 2012 – 2013 \(Contract #8\).](#)

Agenda Item #	Page #

BACKGROUND

Purpose:

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

- Dufferin Avenue from Colborne Street to Peter Street
- Prospect Avenue from Princess Avenue to Dufferin Avenue

This work includes installation of new storm sewer, replacement of existing sanitary and storm sewer, 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, and Construction Administration for efficient use of funds during construction.

Discussion:

The reconstruction of Dufferin and Prospect Avenues are included in the approved 2012 Wastewater & Treatment and Water Engineering 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 1887 and 1900. The sewers and watermains in these locations have reached the end of their life expectancy.

A Project Location map is included below for reference.



The construction program also includes replacement of lead water services, replacement of private drain connections (PDC), replacement of curb and gutter, new sidewalks and full asphalt road replacement for the full limits of construction. Improvements to the road geometry will be made on Dufferin at Cartwright to improve sight lines and assist pedestrian and safe vehicular travel through the corridor.

Agenda Item #	Page #

This project location is unique in that it resides entirely within the Woodfield Heritage Conservation District, noting all homes have some heritage status. The Woodfield Community Association has been instrumental in providing the City with valuable feedback to ensure the character of the neighborhood is preserved and their concerns addressed as it relates to this project. On a few occasions, City staff met with the Ward 13 councillor and the community group to review the project.

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.

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. 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 2012 Infrastructure Lifecycle Renewal Program, Contract #8 Project were opened on April 4, 2012. Eight (8) contractors submitted tender prices as listed below (exclusive of H.S.T.).

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	L-82 Construction Ltd.	\$1,527,042.31	---
2.	C.H. Excavating (London) Limited	\$1,668,362.11	---
3.	Blue-Con Construction	\$1,671,143.05	---
4.	Omega Contractors Inc.	\$1,679,680.13	---
5.	AAR-CON Excavating	\$1,742,378.32	---
6.	J-ARR Excavating	\$1,873,562.96	---
7.	Tri-Con Excavating Inc.	\$1,973,405.35	---
8	291 Construction Ltd	\$1,992,470.53	---

All tenders have been checked by the City's consultant AGM and by the Planning, Environmental and Engineering Services Department. There were no mathematical errors.

The tender estimate just prior to tender opening was \$2,049,680.30 (excluding H.S.T.). The low tender is about 30% 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 \$150,000.00 (excluding H.S.T.).

Consulting Services:

AGM was awarded the detailed design by Council on July 25, 2011. Due to their knowledge and experience with this project, AGM 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 AGM be authorized to carry out the remainder of engineering services to

Agenda Item #	Page #

complete this project for the provided fee estimate of \$159,720.00 (excluding H.S.T.), noting the upset amount for total engineering services for the project is \$308,770.00 (excluding H.S.T.) spread over 2011 and 2012.

Conclusions:

Award of the construction contract to L82 will allow the project objectives to be met within the available budget.

The use of AGM 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 Doug Law, Technologist with support from Ugo DeCandido, P.Eng., Environmental Services Engineer.

SUBMITTED BY:	RECOMMENDED BY:
TOM COPELAND, P.ENG DIVISION MANAGER WASTEWATER & DRAINAGE ENGINEERING	JOHN BRAAM, P.ENG. ACTING EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER

May 9, 2012

UD/dl

Attach: Appendix "A" – Sources of Financing

c.c. L82 Construction Limited
AGM Consulting Engineers
Tom Copeland
Roland Welker
John Lucas
Justin Lawrence
Rick Pedlow