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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 20, 2015
FROM:	JOHN BRAAM, P. Eng. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 15-21 2015 INFRASTRUCTURE RENEWAL PROGRAM DUFFERIN AVENUE RECONSTRUCTION PROJECT

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 2015 Infrastructure Renewal Program, Dufferin Avenue Reconstruction Project:

- (a) the bid submitted by Omega Contractors Inc. (Omega), at its tendered price of \$3,621,054.48, excluding HST, for the 2015 Infrastructure Renewal Program, Dufferin Avenue Reconstruction Project, **BE ACCEPTED**; it being noted that the bid submitted by Omega, was the lowest of three bids received and meets the City's specifications and requirements in all areas;
- (b) Spriet Associates London Ltd. (Spriet), **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 \$249,524.00 excluding HST, 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 15-21); 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 Program 2014-2015, Civic Works Committee, May 26, 2014, Agenda Item # 8.

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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:

Dufferin Avenue from Wellington Street to Talbot Street

Infrastructure replacement needs have been coordinated internally, within the Environmental and Engineering Services Department, and externally with both Bell Canada and London Hydro. Coordination with both the Building – Customer Relations and Compliance and the Parks and Community Sports divisions has occurred to minimize impacts on Victoria Park’s event schedule. The project budget has been included in the approved 2015 Wastewater & Treatment, Water and Transportation Capital Works Budgets. External budgeting agreements have been agreed to with both London Hydro and Bell Canada.

Discussion:

This Infrastructure Renewal project includes the following improvements:

- Replacement of existing sanitary and storm sewers;
- Traffic Signal redesign and replacement;
- Installation of new street lighting and fiber optic communication ducts;
- Parking meter removal and replacement with “Pay and Display” system;
- Replacement of watermain and individual water services to property line where applicable;
- Replacement of underground hydro duct and vault structures;
- Full road reconstruction, including new asphalt, curb and gutter, parking bays, and introduction of defined bike lanes.

Dufferin Avenue has been identified as a high priority in the replacement programs due to the poor condition of the municipal infrastructure. The sewers and watermains on these streets were originally installed around 1910, and have reached the end of their life expectancy. A Project Location map is included for reference in Appendix B.

The existing Dufferin Avenue storm sewer system will be extended to close a gap in the sewer between Wellington Street and Clarence Street. Additionally, some storm water flows will be redirected and some undersized sewers replaced to improve the effectiveness of the system. The existing parking meters between Wellington Street and Richmond Street will be removed and replaced with centralized “Pay and Display” systems. New intersection signals will be installed and will include legislated “accessibility” upgrades.

This project initially included the reconstruction of Carling Street. This portion of the project was removed to allow for harmonization of that work with the proposed Fanshawe College reconstruction of the Kingsmill property. This portion of the work is now deferred and is to be completed pending coordination with Fanshawe College.

A public information session was held on February 25, 2015 specifically for all owners, tenants and property managers within and immediately bordering the project area to address questions and concerns.

The project has been divided into 3 stages of reconstruction to ensure reduced disruption to existing properties, automobile and pedestrian traffic and Victoria Park events over the duration of the project.

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Streetscape Improvements:

Improved Parking Bay delineation including curb extensions/bump-outs has been included in this project. Also, the introduction of bicycle lanes utilizing the “sharrow” system is included.

Service Replacement:

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. 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.

Tender Summary:

Tenders for the 2015 Infrastructure Renewal Program, Dufferin Avenue Reconstruction Project were opened on April 1, 2015. Three (3) contractors submitted tender prices as listed below, excluding HST.

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Omega Contractors Inc.	\$3,621,054.48	\$
2.	Bre-Ex Construction Ltd.	\$3,682,441.15	\$ 3,695,941.00
3.	Tri-Con Excavating Inc.	\$3,925,927.95	\$

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

The tender estimate just prior to tender opening was \$3,073,647.95, excluding HST. The low tender is 18% above the estimate reflecting the complications associated with an extremely complex underground along with the challenges of working in a busy downtown area. All tenders include a contingency allowance of \$300,000.00.

No additional annual operating costs are attributed to new infrastructure installation.

Consulting Services:

Spriet was awarded the detailed design by Council on June 10, 2014. Due 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 be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$249,524.00, excluding HST, noting the upset amount for total engineering services for the project is \$559,042.00 excluding HST, spread over 2014 – 2015.

Conclusions:

Award of the 2015 Infrastructure Renewal Program, Dufferin Avenue reconstruction project to Omega Contractors Inc. will allow the project objectives to be met within the available budget.

The use of Spriet, 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 Ugo DeCandido, P. Eng., Environmental Service Engineer and Jeff Conrad, Technologist II, Water Engineering.

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

April 14, 2015

UD/jc

Attach: Appendix "A" – Sources of Financing
Appendix "B" – Project Location Map

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c.c. Tom Copeland
Edward Soldo
John Freeman
Omega

Doug MacRae
Justin Lawrence
Pat Shack
Spriet

Shane Maguire
Sean Galloway