

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 7, 2017
FROM:	KELLY SCHERR, P. ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 17-09 2017 INFRASTRUCTURE RENEWAL PROGRAM BASE LINE ROAD E, SYLVAN STREET, BALDERSTONE AVENUE AND PERCY STREET 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 2017 Infrastructure Renewal Program, Base Line Road E, Sylvan Street, Balderstone Avenue, Percy Street Reconstruction Project:

- (a) the bid submitted by Blue Con Construction (Blue-Con) at its tendered price of \$4,336,540.97, excluding HST, for the 2017 Infrastructure Renewal Program Contract 9, Base Line Road E, Sylvan Street, Balderstone Avenue, Percy Street Reconstruction Project, **BE ACCEPTED**; it being noted that the bid submitted by Blue-Con Construction, was the lowest of eight bids received and meets the City's specifications and requirements in all areas;
- (b) AECOM Canada Ltd. (AECOM), **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 \$314,070.00 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 17-09); and
- (g) 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 2017-2018, (Contract 9), Civic Works Committee, June 8, 2016, Agenda Item # 4.

2015-2019 STRATEGIC PLAN

The 2015 – 2019 Strategic Plan identifies this objective under Building a Sustainable City; 1B – Manage and improve our water, wastewater and stormwater infrastructure and services;

BACKGROUND

Purpose:

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

Base Line Road E from Wellington Road to High Street
Sylvan Street from Base Line Road E to northern limit
Balderstone Avenue from Base Line Road E to Percy Street
Percy Street from Wellington Road to western limit,

A Project Location map is included for reference in Appendix B.

Infrastructure replacement needs have been coordinated within the Environmental and Engineering Services Department with support from Planning and Development for efficient use of funds during construction. The project budget has been included in the approved 2017 Wastewater & Treatment, Water and Transportation Capital Works Budgets.

Discussion:

This Infrastructure Renewal project includes the following improvements:

- Elimination of combined sewers;
- Installation of sanitary and new storm sewers including private drain connections as required;
- Replacement of watermain and individual water services to property line where applicable;
- Full road reconstruction, including new asphalt, curb and gutter, sidewalks as well as introduction of a new sidewalk on Balderstone Avenue;

Base Line Road East was identified as a high priority in the replacement programs due to the aging municipal infrastructure. The sanitary sewer on Base Line Road E was originally constructed in 1918. Storm drainage is currently being provided by the Oatman Drain which is notably undersized and in disrepair and on private property.

Localized surface flooding issues were identified in the area and the project scope was subsequently expanded to include Sylvan Street, Balderstone Avenue and Percy Street. The addition of new storm sewers on Base Line Road E, Balderstone Avenue and Percy Street provide improved drainage and brings these streets up to City standards.

The design process had consideration for future Bus Rapid Transit impacts. A public information session was held on November 16, 2016 specifically for all owners and residents within and immediately bordering the project area to address questions and concerns.

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

Tender Summary:

Tenders for the 2017 Infrastructure Renewal Program Contract 9, Base Line Road E, Sylvan Street, Balderstone Avenue, and Percy Street Reconstruction Project were opened on January 19, 2017. Eight (8) contractors submitted tender prices as listed below, excluding HST.

CONTRACTOR		TENDER PRICE SUBMITTED	CORRECTED TENDER PRICE
1.	Blue-Con Construction	\$4,336,540.97	
2.	L82 Construction Ltd	\$4,472,376.81	
3.	Elgin Construction Ltd.	\$4,564,562.86	
4.	Bre-Ex Construction Ltd.	\$4,585,750.22	\$4,583,795.22
5.	Amico Infrastructure (Oxford)Inc.	\$4,828,416.50	
6.	Omega Contractors Inc.	\$4,868,024.32	
7.	J-AAR Excavating Ltd	\$5,003,736.95	
8.	Birnam Excavating Ltd	\$5,244,238.46	\$5,243,238.47

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

The tender estimate just prior to tender opening was \$4,428,096.50 excluding HST. The low tender is 2% below the estimate indicating a competitive environment and illustrates the benefit of tendering projects early in the construction season. All tenders include a contingency allowance of \$400,000.00.

Additional annual sewer and water operating costs of \$1000.00 and \$750.00 respectively are attributed to new infrastructure installation.

Consulting Services:

AECOM was awarded the detailed design by Council on June 15, 2016. Due to their knowledge and experience with this project, AECOM 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 AECOM be authorized to carry out the remainder of engineering services to complete this project for the provided fee estimate of \$314,070.00, excluding HST, noting the upset amount for total engineering services for the project is \$590,601.00 excluding HST, spread over 2016 – 2017.

Conclusions:

Award of the 2017 Infrastructure Renewal Program, Base Line Road E, Sylvan Street, Balderstone Avenue, Percy Street reconstruction project to Blue-Con Construction Ltd. will allow the project objectives to be met within the available budget.

The use of AECOM, 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, Senior Technologist, and reviewed by Kyle Chambers, P. Eng., Environmental Services Engineer.

SUBMITTED BY:	CONCURRED BY:
TOM COPELAND, P. ENG. DIVISION MANAGER WASTEWATER AND DRAINAGE ENGINEERING	JOHN LUCAS, P. ENG. DIRECTOR, WATER AND WASTEWATER
RECOMMENDED BY:	
KELLY SCHERR, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER	

February 27, 2017

KD/dl

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

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c.c. Scott Mathers
Edward Soldo
BLUE CON Construction

John Freeman
Ugo DeCandido
AECOM

Gary McDonald



2017 Infrastructure Renewal Program

Contract 9 - Location Map

Base Line Road E (from High Street to Wellington Road)

Sylvan Street (from Base Line Road E to northern limits)

Balderstone Avenue (from Base Line Road E to Percy Street)

Percy Street (from Wellington Road to western limits)

