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| TO: | CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON FEBRUARY 7, 2017 |
| FROM: | KELLY SCHERR, P. ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER |
| SUBJECT: | CONTRACT AWARD: TENDER NO. T16-57 TRIBUTARY "C" STORMWATER MANAGEMENT FACILITIES A, F & G (ES3020-RVBTC) |

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| RECOMMENDATION |
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That, on the recommendation of the Managing Director, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the award of contract for the Tributary "C" Stormwater Management Facilities A, F & G project:

- (a) the bid submitted by L82 Construction Ltd., at its tendered price of \$7,272,473.92, excluding HST, **BE ACCEPTED**; it being noted that the bid submitted by L82, was the lowest of four (4) bids received;
- (b) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix "A";
- (c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (d) 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 No. T16-57); and
- (e) 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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| PREVIOUS REPORTS PERTINENT TO THIS MATTER |
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CWC 2015-11-03 – Appointment of Consulting Engineers for Design and Construction of Stormwater Management Facilities

CWC 2014-04-07 – Appointment of Consulting Engineer for Engineering Services for the Functional Design of the Tributary 'C' Stormwater Management Servicing Works (ES3020-RVBTC)

CWC 2012-07-17 – Municipal Class Environmental Assessment Study for Tributary 'C' Storm/Drainage & SWM, Transportation and Sanitary Trunk Servicing

CWC 2012-06-19 – Phasing of Stormwater Management Facilities

BNEC 2011-10-31 – Status Report for Environmental Assessment Study for Tributary 'C' Drainage Area

BNEC 2011-02-14 – Additional Engineering Fees for Municipal Class Environmental Assessment (EA) Study for the Tributary 'C' Drainage Area

ETC 2009-11-16 – Appointment of Consulting Engineer for Municipal Class Environmental Assessment for the Tributary 'C' Drainage Area

ETC 2009-05-11 – Appointment of Consulting Engineer for Municipal Class Environmental Assessment for the Tributary 'C' Drainage Area (2009-A03-00) (AS AMENDED) (2/10/ETC)

ETC 2008-10-24 – Appointment of Consulting Engineer for Municipal Class Environmental Assessment for a Tributary 'C' Drainage Area (2008-A03-00-00/W05-00,1/19/ETC)

ETC June 1997 – Riverbend Community Plan that was completed by Proctor & Redfern Limited, was accepted

BACKGROUND

Purpose:

This report recommends the award of a tender to a contractor for the construction of Tributary “C” Stormwater Management Facilities A, F & G.

Discussion:

The Tributary “C” Stormwater Management Facilities A, F & G are Growth Management Implementation Strategy (GMIS) projects located within the Downstream Thames Subwatershed (Appendix “B”). The construction of these facilities will allow for approximately 84.5 hectares of residential and commercial development in the Riverbend area. The justification for this project was confirmed by the Schedule “C” Municipal Class Environmental Assessment (EA) which was completed by AECOM Canada Ltd. (AECOM) in 2013 which included an Environmental Impact Study (EIS). The EA recommended Alternative 10b Enhanced which consists of several stormwater management components including a wet pond facility, a linear conveyance / infiltration facility and a dry pond facility with an infiltration component. Following conclusion of the EA, a functional design was completed by Matrix Solutions Inc. (Matrix) in 2015 which progressed the level of design detail of the facilities and allowed for application of regulatory approvals. AECOM completed the detailed design of the facilities and tender documents and was previously retained to complete construction administration and monitoring for this project (CWC report November 3, 2015).

Tender Summary:

Tenders for construction of the Tributary “C” Stormwater Management Facilities A, F & G project were opened on December 14, 2016. Four (4) contractors submitted tender prices as listed below, excluding HST.

| CONTRACTOR | | TENDER PRICE SUBMITTED | CORRECTED TENDER PRICE |
|-------------------|--------------------------|-------------------------------|-------------------------------|
| 1. | L82 Construction Ltd. | \$7,272,473.92 | |
| 2. | J-AAR Excavating Limited | \$8,214,498.54 | \$8,063,998.54 |
| 3. | Bre-Ex Construction Inc. | \$9,643,364.59 | |
| 4. | Blue-Con Construction | \$10,780,393.50 | \$10,752,393.50 |

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 mathematical errors; however, the order of the bidders remains unchanged.

The tender estimate just prior to tender opening was \$8,624,516.00, excluding HST. The low tender is 16% below the estimate indicating a competitive environment. The low tender contractor, L82 Construction Ltd., has confirmed that all tender items are fully compliant with project specifications outlined within the tender documents. All tenders include a contingency allowance of \$800,000.00.

Consulting Services:

Construction administration and monitoring for this project was previously awarded to AECOM Canada Ltd (CWC report November 3, 2015).

Conclusions:

Award of the contract for construction of Tributary “C” Stormwater Management Facilities A, F & G to L82 Construction Ltd. will allow the project to proceed and is within the available budget.

Acknowledgements:

This report was prepared within the Stormwater Engineering Division by David Gough, P. Eng., Environmental Service Engineer.

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| SUBMITTED BY: | REVIEWED AND CONCURRED BY: |
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| SHAWNA CHAMBERS, P. ENG. ACTING DIVISION MANAGER STORMWATER ENGINEERING | JOHN LUCAS, P. ENG. DIRECTOR, WATER AND WASTEWATER |
| RECOMMENDED BY: | |
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| KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER | |

January 30, 2017

Attach: Appendix “A” – Sources of Financing
Appendix “B” – Tributary “C” SWM Facilities Location Map

Cc: John Freeman, Manager, Purchasing and Supply
Gary McDonald, Budget Analyst
L82 Construction Ltd.
AECOM Canada Ltd.