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| TO: | CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON FEBRUARY 6, 2018 |
| FROM: | KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER |
| SUBJECT: | APPOINTMENT OF CONSULTING ENGINEER FOR DETAILED DESIGN AND CONTRACT ADMINISTRATION OF THE FOX HOLLOW STORMWATER MANAGEMENT FACILITY NO. 1 - NORTH CELL (ESSWM-FH1) |

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| RECOMMENDATION |
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That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the appointment of a consulting engineer for the detailed design and contract administration of the Fox Hollow Stormwater Management (SWM) Facility No. 1 - North Cell:

- a) Stantec Consulting Ltd. **BE APPOINTED** consulting engineer to carry out the detailed design and contract administration of the Fox Hollow SWM Facility No. 1 – North Cell, in the total amount of \$398,486.55 (including contingency), excluding HST, and in accordance with Section 15.2 (g) of the City of London’s Procurement of Goods and Services Policy;
- b) the financing for the project **BE APPROVED** in accordance with 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 approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract; 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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SPPC – May 5, 2017 - Growth Management Implementation Strategy (GMIS): 2018 Annual Review & Update

CWC – July 18, 2016 - Appointment of Consulting Engineer for Detailed Design of the Fox Hollow SWM Facility No. 3 (ES3020-FH3) and Trunk Sanitary Sewer (ES5236-16)

CWC – May 26, 2014 - Fox Hollow SWM Facility No. 1 – Increase In Contract Value (ES3020-FH1)

CWC – February 3, 2014 – Appointment of Consulting Engineer for Inspection, Contract Administration and Engineering Services Association with the Construction of Fox Hollow SWM Facility No. 1 – South Cell and Woodlot Berm (ES3020-FH1)

CWC – November 12, 2012 – Fox Hollow Development Area Stormwater Management Facilities No.’s 1 and 3

CWC – June 19, 2012 – Phasing of Stormwater Management Facilities

ETC – May 10, 2010 – Appointment of Consulting Engineer for Engineering Services for Functional and Detailed Design of Fox Hollow Community Storm/Drainage, Stormwater Management and Sanitary Trunk Sewer Servicing Works

ETC – April 12, 2010 – Schedule C Municipal Class Environmental Assessment Addendum for Storm/Drainage, Stormwater Management and Sanitary Servicing for the Fox Hollow Development Area

2015 – 2019 STRATEGIC PLAN

The following report supports the 2015 – 2019 Strategic Plan through the strategic focus areas of Building a Sustainable City including:

- Robust Infrastructure 1B – Manage and improve water, wastewater, and stormwater infrastructure; and
- Responsible Growth 5B – Build new transportation, water, wastewater and stormwater infrastructure as London grows.

BACKGROUND

Purpose

This report recommends the appointment of Stantec Consulting Ltd. (Stantec) to carry out the detailed design and contract administration, necessary to complete the construction of Fox Hollow SWM Facility No. 1 - North Cell (“Location Map” provided in Appendix ‘B’) which is the final major component of the SWM system servicing the Fox Hollow development area. This is the second phase (North Cell) of Fox Hollow SWM Facility No. 1 with the first phase (South Cell) constructed in 2015.

Context

In May 2010, the City engaged Stantec for the functional and detailed design of the stormwater servicing and sanitary servicing works for the Fox Hollow development area in accordance with the addendum to the Fox Hollow Development Area Municipal Class Environmental Assessment (Addendum) for Storm/Drainage, SWM and Sanitary Servicing works. Since this time Stantec has completed the bulk of the stormwater management servicing work for the Fox Hollow development area including the engineering and construction administration of the Fox Hollow SWM Facility No. 1 - South Cell which was completed in March 2015.

Construction of the Fox Hollow SWM Facility No. 1 - North Cell will be the fifth and final municipally built component of the Fox Hollow development area SWM system and has a catchment area of 70.3 ha. This catchment area currently has a draft plan approval for 20.7 ha development, equating to approximately 587 units (324 single family and 263 medium density units). As per the 2018 Growth Management Implementation Strategy (GMIS), updated in May 2017, the SWM facility was moved forward from 2022 to 2019 to increase the serviced lot supply.

DISCUSSION

Consultant Selection

Section 15.2(g) of the Procurement of Goods and Services Policy (PGSP) provides that a consulting firm which has satisfactorily partially completed a project may be recommended for award of the balance of a project without competition subject to satisfying all financial, reporting and other conditions contained within this Policy. This should be to the financial advantage of the City due to the fact that such a consultant has specific knowledge of the project and has undertaken work for which duplication would be required if another firm were to be selected.

Stantec has significant experience in the Fox Hollow community area having completed the functional design, detail design, and construction administration work for the remaining stormwater management infrastructure in the area including: the Heard Drain, Fox Hollow SWM Facility No. 3, Fox Hollow SWM Facility No. 2. Stantec has also satisfactorily completed the detailed design and construction administration of the Fox Hollow SWM Facility No. 1 – South Cell project which was the first phase of the SWM facility.

Given their knowledge and experience of the project, Stantec was requested to submit a work plan to complete the detailed design and contract administration for the construction of the Fox Hollow SWM Facility No. 1 - North Cell. This work plan, along with the detailed design and construction administration, also includes other tasks such as construction supervision, site inspections, environmental reviews, and post construction monitoring.

Staff have reviewed the fee submissions in detail considering the hourly rates provided by each staff member. Staff have confirmed that hourly rates are consistent with those submitted through competitive processes. Staff also reviewed the time allocated to each project related task. Staff can confirm that the amount of time allocated to each project task is consistent with prior projects of a similar nature that have been awarded through a competitive process. In general, all of the assignments are found to be reasonable and in-line with those that would be expected through a competitive process.

The continued use of Stantec on this project is of financial advantage to the City due to the fact that the firm has specific knowledge of the project, is continuing on with the greater master servicing strategy, and has undertaken work for which duplication would be required if another firm were to be selected.

It is therefore recommended that Stantec be appointed to complete the consulting work required to construct the second phase of the Fox Hollow SWM No. Facility. It should be noted that the approval of this work will bring the value of the overall engineering assignments for Stantec in the Fox Hollow development area from a value of \$1,892,920 to a total of \$2,291,406.

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| CONCLUSIONS |
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Stantec Consulting Ltd. has demonstrated an understanding of the City's requirements and knowledge of this project and the Fox Hollow development area SWM system and will build upon their previously completed functional design. Therefore, it is recommended that Stantec Consulting Ltd. be appointed as the consulting engineer to carry out the detailed design and construction administration of the Fox Hollow SWM Facility No. 1 – North Cell in the total amount of \$398,486.55, (including contingency), excluding HST.

This document has been prepared by Chris McIntosh, P.Eng. Environmental Services Engineer within the Stormwater Engineering Division.

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| SUBMITTED BY: | REVIEWED AND CONCURRED BY: |
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| DAVID GOUGH, P.ENG. ACTING DIVISION MANAGER STORMWATER ENGINEERING | SCOTT MATHERS, MPA, P.ENG. DIRECTOR, WATER AND WASTEWATER ENGINEERING |
| RECOMMENDED BY: | |
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| KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL SERVICES AND CITY ENGINEER | |

Attach: Appendix 'A' – Sources of Financing
Appendix 'B' – Location Map

cc. John Freeman, Manager, Purchasing and Supply
Gary McDonald, Budget Analysis
Chris McIntosh, Environmental Services
Stantec Consulting Ltd.