

<b>TO:</b>	<b>CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON AUGUST 11, 2020</b>
<b>FROM:</b>	<b>KELLY SCHERR, P.ENG., FEC MANAGING DIRECTOR ENVIRONMENTAL &amp; ENGINEERING SERVICES AND CITY ENGINEER</b>
<b>SUBJECT:</b>	<b>IRREGULAR RESULTS REQUEST FOR CONTRACTOR APPOINTMENT: POWELL DRAIN CULVERT REPLACEMENT AND NATURAL CHANNEL REHABILITATION (RFT20-97)</b>

<b>RECOMMENDATION</b>
-----------------------

That, on the recommendation of the Managing Director Environmental & Engineering Services and City Engineer, the following action **BE TAKEN** with respect to request for tender RFT20-97:

- a) The submission by J-AAR Excavating Limited to carry out contractor services for \$1,083,371.25 (excluding HST) **BE ACCEPTED** as an irregular result in accordance with Section 8.10 (b) of the City of London's Procurement of Goods and Services Policy; it being noted that the bid submitted by J-AAR Excavating Limited was the only submission and meets all City requirements and qualifications;
- b) The financing for this work **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix 'A', and,
- c) The Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary to give effect to these recommendations.

<b>PREVIOUS REPORTS PERTINENT TO THIS MATTER</b>
--

Civic Works Committee – September 24, 2019 – Appointment of Consulting Engineering: Upgrading of Powell Drain (Northbrook Valley) and Upland North Outlet Culverts (RFP19-46)

Civic Works Committee – December 3, 2012 – Appointment of Consultant for Powell Drain Remediation Design (ES3020-UPNB2)

Built and Natural Environment Committee – July 18, 2011 – Subdivision Agreement: SWM Facility 2047790 Ontario Inc. 530 Sunningdale Road East (39T-05510)

Built and Natural Environment Committee – October 3, 2011 – Contract Award: Uplands North Stormwater Management Facility B2 (Tender T11-79, ES3018)

<b>2019 – 2023 STRATEGIC PLAN</b>
-----------------------------------

This report aligns with the Strategic Plan's "Building a Sustainable City" strategic area of focus by supporting the following expected results:

- Improve London's resiliency to respond to potential future challenges;
- Build infrastructure to support future development and protect the environment; and
- Maintain or increase current levels of service; manage the infrastructure gap for all assets.

## BACKGROUND

### **Purpose**

This report seeks approval to recommend the award of contractor services to complete the reconstruction of the Uplands B2 Stormwater Management Facility outlet. The new outlet will consist of a new culvert across Sunningdale Road (Powell Drain culvert) and the natural channel rehabilitation in the Northbrook Corridor.

### **Context**

The Uplands B2 Stormwater Management Facility was constructed in 2011 to service a neighbourhood development of approximately 110 ha. The outlet of the pond consists of a culvert under Sunningdale Road and a buried drain pipe. The culvert and buried drain pipe were not built at the same time as the pond; they were pre-existing and are estimated to be over 50 years old. Since the construction of the stormwater facility, portions of this pre-existing outlet have collapsed. Due to these failures, the facility does not function correctly resulting in flooding of the recreational pathway and adjacent wetland for the majority of the summer months.

## DISCUSSION

### **Uplands B2 Stormwater Management Facility Outlet**

The outlet of the Uplands B2 Stormwater Management Facility consists of a culvert under Sunningdale Road and a buried clay tile drain in Northbrook Valley. Since the construction of the SWMF, the culvert under Sunningdale Road has become obstructed and the buried clay tile drain along the south side has collapsed in several locations. In some instances, 1m deep sink holes exist and are a public hazard due to their close proximity to a public pathway system. Due to the culvert and tile failures, water levels in the Uplands B2 SWMF and adjacent wetland are backed up. The backup reduces the functionality of the SWMF to provide water quality, erosion control and flood storage for the existing and future development within the catchment area. The recreational pathway system around the facility and wetland also remain underwater for the majority of the summer months.

In September, 2019, consulting work was awarded to Ecosystem Recovery Inc. to undertake the design for a full culvert replacement under Sunningdale Road and natural channel design for the currently piped section of the Northbrook Valley. The design was completed and issued for tender on July 16, 2020. There were six plan takers for the tender, however, the City received only one bid from J-AAR Excavating Limited.

### **Purchasing Processes Tender Results**

The request for tender (RFT20-97) was issued on July 16, 2020 for 15 business days to Stormwater Engineering's Pre-qualified Contractor list.

One bid was received by the deadline of July 31, 2020 in response to the request for tender. The submission was reviewed and evaluated by staff from Purchasing and Supply and it was determined to be in compliance with the specifications, terms and conditions outlined in RFT20-97. In accordance with Section 19.4(c) of the Procurement of Goods and Services Policy, Civic Administration is recommending to award the contract under Section 8.10 (b) as an irregular result.

The bid value was reasonable and competitive at \$1,083,371.25 in comparison to the engineer's construction estimate of \$991,061. There are sufficient funds available in the approved capital budget to accommodate the requested construction fees. The project was slated to begin construction on August 24, 2020. It is important that this project be completed this summer to ensure proper drainage of the Uplands SWMF B2. There are subsequent projects planned for this area in the next 2-3 years including cleaning out of the sediment within the SWMF and reviewing improvements to the health of the

adjacent Provincially Significant wetland area. Therefore, Civic Administration recommends proceeding to construction with the single bid. Delaying the start time would create more challenges with construction (i.e., seasonal challenges for trenchless installation, watermain support, and higher water levels).

<b>CONCLUSIONS</b>
--------------------

City staff recommend the bid from J-AAR Excavating Limited and request approval be granted to proceed with the contractor services for Powell Drain Culvert Replacement and Natural Channel Rehabilitation despite the irregular result.

<b>SUBMITTED BY:</b>	<b>REVIEWED AND CONCURRED BY:</b>
<b>SHAWNA CHAMBERS, P.ENG., DPA DIVISION MANAGER, STORMWATER MANAGEMENT</b>	<b>SCOTT MATHERS, P. ENG., MPA DIRECTOR, WATER AND WASTEWATER</b>
<b>RECOMMENDED BY:</b>	
<b>KELLY SCHERR, P. ENG., FEC MANAGING DIRECTOR, ENVIRONMENTAL &amp; ENGINEERING SERVICES &amp; CITY ENGINEER</b>	

August 7, 2020

Attach: Appendix 'A' – Source of Financing

cc: John Freeman  
Gary McDonald  
Alan Dunbar  
Jason Davies