

NO: R038

COUNCIL DATE: March 12, 2018

REGULAR COUNCIL

TO: Mayor & Council **DATE: March 8, 2018**

FROM: General Manager, Engineering **FILE: 1717-059/41**

**SUBJECT: Award of Contract No. 1717-059-41
Hawthorne Rotary Park Improvements (Phase 2)**

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1717-059-41 to Tybo Contracting Ltd. (“Tybo”) in the amount of \$3,346,976.85 (including GST), for the Hawthorne Rotary Park Improvements (Phase 2);
2. Set the expenditure authorization limit for Contract No. 1717-059-41 at \$3,681,674.53 (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1717-059-41.

BACKGROUND

At the November 6, 2017 Regular Council meeting, Council approved the recommendations made in the Corporate Report No. R223; 2017 to move forward with the implementation of the 105 Avenue Connector and Hawthorne Rotary Park Improvements. Council’s decision to approve the project came after careful consideration of the need to balance the area’s growing transportation demands, plans for sustainable development in City Centre and along 104 Avenue, as well as providing active and natural areas for the community. The 105 Avenue Connector project will make an investment of \$5 million in amenity enhancements to Hawthorne Rotary Park.

The many positive deliverables of the project include:

- Connecting City Centre to Guildford Town Centre with a green, multi-modal collector road;
- Acquiring over 5 acres of adjacent high quality, bio-diverse natural areas, increasing the net overall size of Hawthorne Rotary Park by 1 acre;
- Incorporating and protecting approximately 450 trees through the acquired properties, resulting in a net increase of 200 trees within the Park;
- Adding 500 replacement trees planted within the corridor boulevards, providing a total net increase of 700 trees throughout the project area;
- Removing the existing parking lot and greening of the space with a grass field for picnics and play;

- Enhancing environmental and biodiversity elements within the Park, including new wetlands and habitat; and
- Customizing the corridor to provide maximized boulevard design for large street tree growth, above-standard space for cyclists and pedestrians, and new Park access points for neighbours.

This Contract represents Stage 2 of a three-stage program to complete the improvements to Hawthorne Rotary Park. Stages 1 and 2 enhancements will be delivered as part of the 105 Avenue Connector Project in 2018, as illustrated on the map attached to this report as Appendix “II”. Stage 1 enhancements are currently underway and include a new parking lot, improvements to the 144 Street Park frontage, new dog-off-leash area, a new playground, and the removal of the existing parking lot and driveway aisle. Stage 2 enhancements include the construction of the new wetland habitat feature and entry plaza and are anticipated for construction from April to August 2018. The Parks, Recreation & Culture Department anticipates delivering the Stage 3 enhancements over a multi-year program through 2018 to 2020, including a new water spray park and a new washroom building.

SCOPE OF WORK

This Contract consists of the installation of a wetland habitat feature, pedestrian board walks and look-out points surrounding the wetland habitat feature, and improvements to Hawthorne Rotary Park’s access from 144 Street through the installation of a main gateway entry plaza. The location of this work is illustrated on the map attached to this report as Appendix “I”. An artistic rendering of the Hawthorne Rotary Park wetland habitat pond and entry plaza is illustrated on the rendering attached as Appendix “II”.

The installation of the wetland habitat feature is intended to improve stormwater quality by capturing storm water from the local area road network, the new Hawthorne Rotary Park parking lot, and water park, before discharging into the Bon Accord Creek. The wetland habitat feature will also enhance the bio-diversity in Hawthorne Rotary Park by functioning as a habitat feature for amphibians, birds, and small mammals. The wetland habitat will be densely planted, incorporating approximately 250 trees and over 14,000 shrubs suitable for a wetland habitat area.

The Contract work is expected to start in April 2018 and be completed by August 2018.

TENDER RESULTS

Tender invitations were limited to contractors who were pre-qualified under the City’s 2018 to 2021 Drainage Prequalification process. The Tenders for the subject Contract were opened on March 2, 2018 with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. Tybo Contracting Ltd.	\$3,346,577.85	\$3,346,976.85
2. Bel Contracting Ltd.	\$3,977,439.90	No Change
3. Western Watershed Design Inc.	\$3,983,681.70	No Change
4. B & B Contracting (2012) Ltd.	\$3,984,600.00	No Change
5. Conwest Contracting Ltd.	\$3,999,330.30	No Change
6. Wilco Civil Inc.	\$4,452,014.70	\$4,452,770.70

The Engineer's (Aplin & Martin Consultants Ltd.) pre-tender estimate was \$3.9 million, (including GST).

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. There were two arithmetic errors that had no bearing on the outcome of the tender process. All submissions included the required 10% bid bond, were signed on the Tender Form, and were initialed on the Summary Sheet of the Schedule of Quantities and Prices.

The lowest bidder, Tybo, has direct comparable work experience and represents the best value to the City. Tybo has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond. They have no outstanding legal claims against the City. It is recommended that Tybo be awarded Contract No. 1717-059-41.

SUSTAINABILITY CONSIDERATIONS

The work of this Contract supports the objectives of the City's Sustainability Charter 2.0. In particular, this work relates to the Sustainability Charter 2.0 themes of Built Environment and Neighbourhoods, and Infrastructure. Specifically, this Contract supports the following Desired Outcomes:

- Natural Areas, Biodiversity and Urban Forest DO2: Surrey actively protects, enhances and restores its natural environment and habitats;
- All Infrastructure DO3: Infrastructure systems are designed to protect human health, preserve environmental integrity, and be adaptable to climate change impacts; and
- Economy DO9: Economic activities recognize the importance of, and have minimal impact on the natural environment.

FUNDING

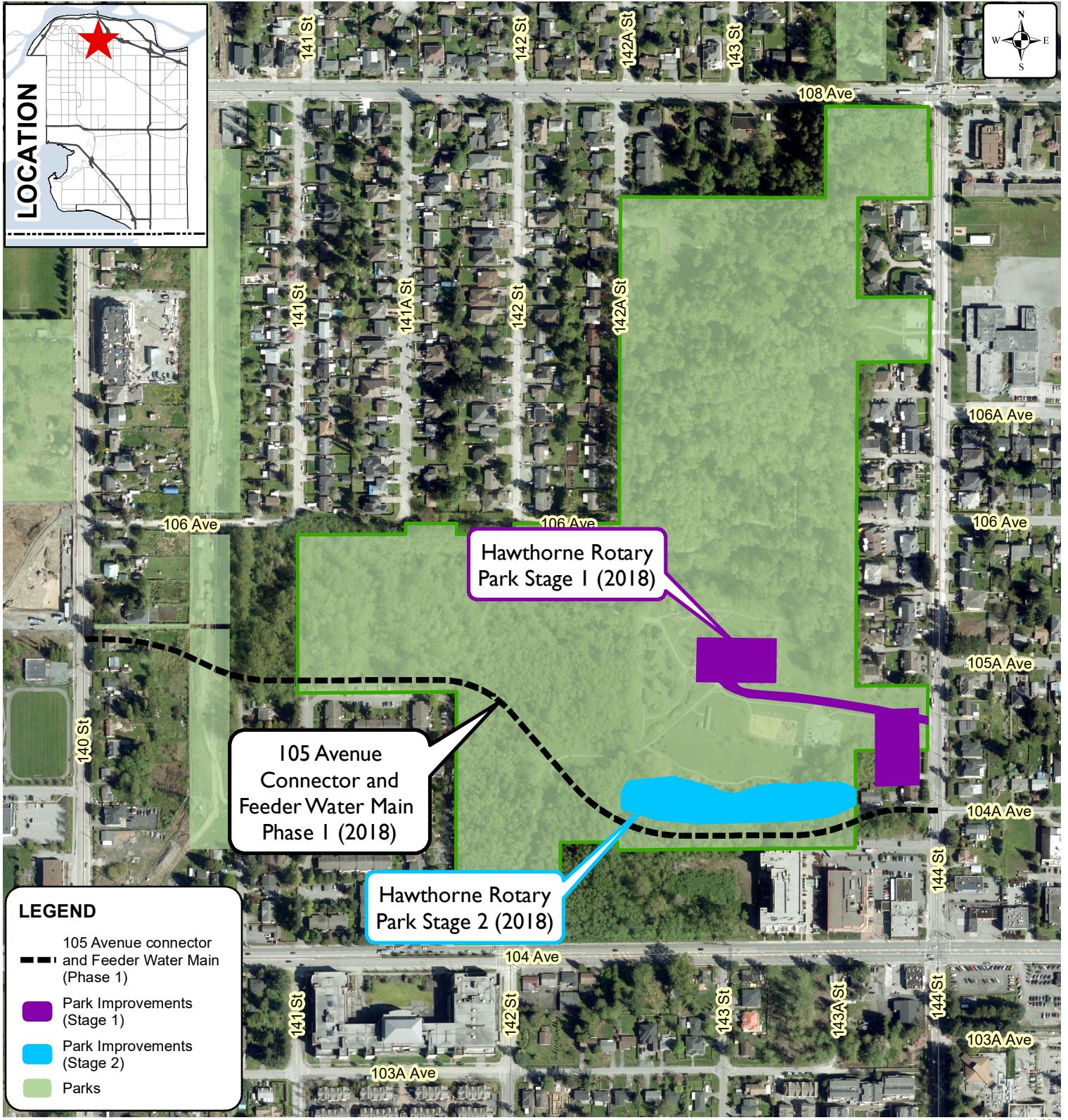
Funding for this Contract is available in the approved 2018 Transportation Budget.

Fraser Smith, P.Eng., MBA
General Manager, Engineering

FS/SN/VJ/jma/ggg

Appendix "I" – Project Location – Contract No. 1717-059-41
Appendix "II" – Hawthorne Rotary Park Conceptual Rendering

AERIAL PHOTOGRAPH OF SITE



LEGEND

- 105 Avenue connector and Feeder Water Main (Phase 1)
- Park Improvements (Stage 1)
- Park Improvements (Stage 2)
- Parks

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Scale: 1:5,000



Hawthorne Rotary Park Initial Improvements (2018)

ENGINEERING DEPARTMENT

APPENDIX "II"

HAWTHORNE ROTARY PARK CONCEPTUAL RENDERING



Bird's eye view of park improvements, including new wetland habitat.



Looking South to 105 Avenue along new pedestrian walkway. New Entry and Gateway Plaza from 105 Avenue and 144 Street.