

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **March 7, 2019**

FROM: **General Manager, Engineering** FILE: **1217-011/11**

SUBJECT: **Award of Contract No. 1217-011-11**
Sunnyside Pump Stations Upgrades and 24 Avenue at 157 Street Valve Chamber

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1217-011-11 to Westport Construction Group Inc. in the amount of \$5,076,676.50 (including GST) for upgrades to Sunnyside Pump Stations 1 and 2, as well as the installation of a valve chamber and water main at 24 Avenue and 157 Street;
2. Set the expenditure authorization limit for Contract No. 1217-011-11 at \$5,584,344.15 (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1217-011-11.

SCOPE OF WORK

The construction package related to this Contract consists of electrical, mechanical, structural, and civil upgrades to the Sunnyside water pump stations and the installation of a valve chamber and water main to interconnect the Sunnyside and Grandview service areas. The locations of this work are listed in the following table, which are also illustrated on the map attached to this report as Appendix "I":

Map Reference Number	Project #	Project Description	Location
1	W-15216	Sunnyside Pump Station 1 Upgrades	2201 - 148 Street (South Surrey Athletic Park)
2	W-16599	Sunnyside Pump Station 2 Upgrades	2201 - 148 Street (South Surrey Athletic Park)
3	W-16795	Sunnyside Pump Station Upgrades - Underground Water Mains	2201 - 148 Street (South Surrey Athletic Park)
4	W-15220	Actuated Valve Chamber and 80m of 300mm Diameter Water Main	24 Avenue at 157 Street

The Contract work is expected to start on April 2, 2019 and be completed by March 17, 2020.

The Sunnyside pump stations work together to service the Sunnyside and Ocean Park areas in South Surrey. The water pump stations were built over 25 years ago, and upgrades are planned that will improve the pump stations' efficiency and reliability through the installation of new efficient pumps that are controlled using modern technology. Furthermore, the actuated valve chamber installation will provide redundancy for the water supply system in South Surrey.

TENDER RESULTS

Tenders for the subject contract were opened on February 26, 2019, with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. Westport Construction Group Inc.	\$5,076,676.50	No Change
2. B. Cusano Contracting (2007) Inc.	\$5,464,950.75	\$5,580,524.25
3. Trittech Group Ltd.	\$5,686,411.90	No Change

The Engineer's (R.F. Binnie & Associates Ltd.) pre-tender estimate was \$5,731,000 (including GST).

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. There was one arithmetic error 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.

This tender submission did not include an option for contractors to work 24-hours a day, 7-days a week as this project has various locations throughout the City and there were no financial savings or time savings expected. Notwithstanding the above, in the continued effort to explore opportunities to reduce the cost of construction projects and to reduce the duration of construction and its associated impact on road users, staff are preparing to bring forward a Corporate Report to Council in the near future identifying further opportunities toward accelerating the delivery and reducing the cost of capital construction projects once the research, consultation and market soundings are completed.

The low bidder, Westport Construction Group Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work by March 17, 2020, as stipulated in the Contract. Westport Construction Group Inc.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Westport Construction Group Inc. be awarded Contract No. 1217-011-11.

FUNDING

Funding for this Contract is available in the approved 2019 Utilities Budget.

SUSTAINABILITY CONSIDERATIONS

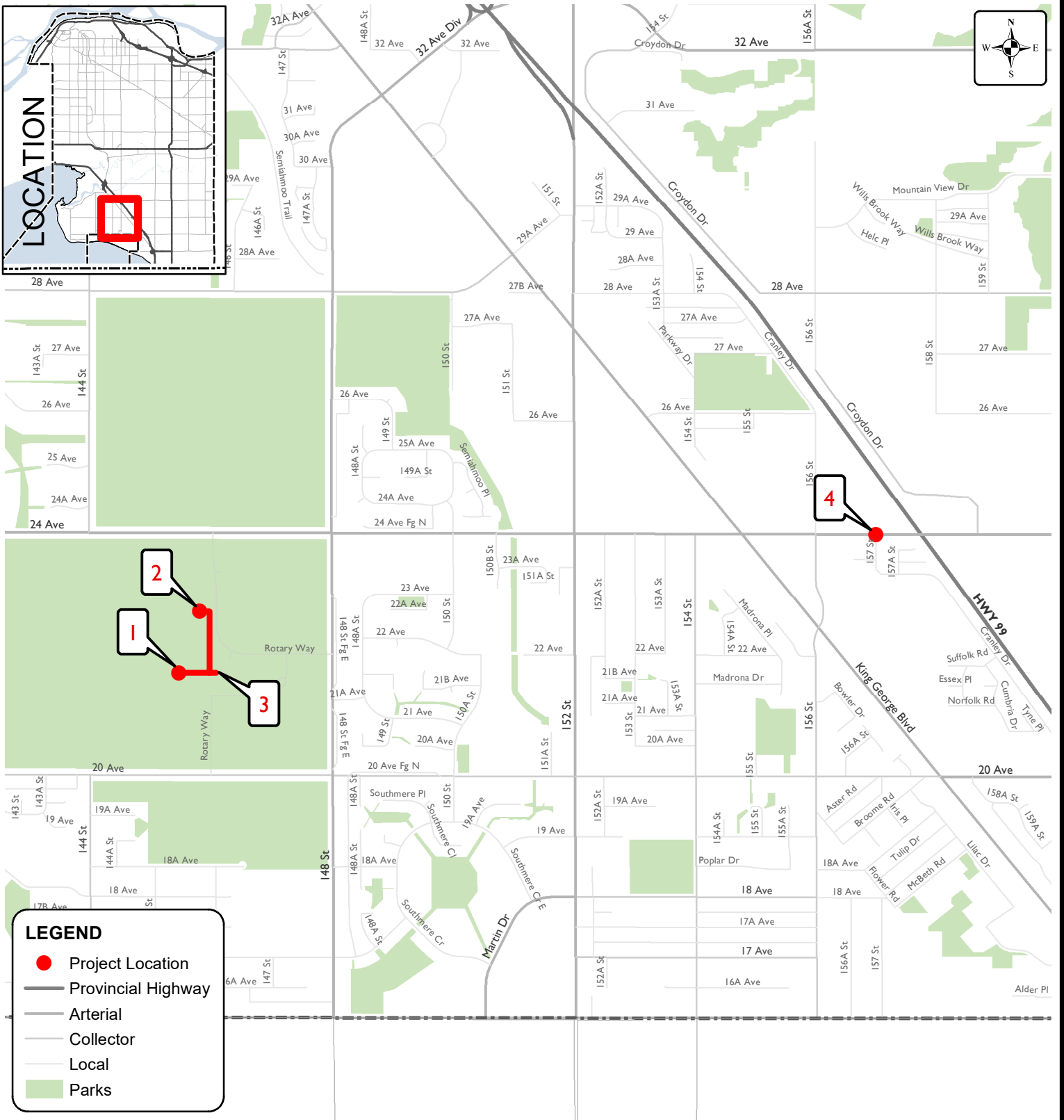
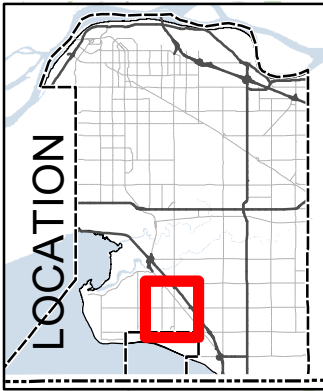
The work of this Contract supports the objectives of the City's Sustainability Charter 2.0. In particular, this work relates to the Sustainability Charter 2.0 themes of Public Safety and Infrastructure. Specifically, this Contract supports the following Desired Outcomes ("DO") and Strategic Direction ("SD"):

- Emergency Preparedness and Prevention DO8: The community's critical infrastructure and systems are designed to withstand climate change impacts and natural events and disasters, and include emergency response and reconstruction plans;
- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable and long lasting, and are effectively integrated into regional systems; and
- All Infrastructure SD 2: Develop and manage our assets to adapt to technological change.

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

JA/VJ/DP/cc

Appendix "I" – Map of Locations – Contract No. 1217-011-11



LEGEND

- Project Location
- Provincial Highway
- Arterial
- Collector
- Local
- Parks

Produced by GIS Section: 15-Feb-2019, P205934

Scale: 1:17,500 0 160 M



CONTRACT No. 1217-011-11 Sunnyside Pump Stations Upgrades

ENGINEERING
DEPARTMENT

The data provided is compiled from various sources and IS NOT warranted as to its accuracy or sufficiency by the City of Surrey.
This information is provided for information and convenience purposes only.
Lot sizes, Legal descriptions and encumbrances must be confirmed at the Land Title Office.