

NO: R137

COUNCIL DATE: July 8, 2019

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **July 4, 2019**

FROM: **Acting General Manager, Engineering**

FILE: **1718-049/11**

SUBJECT: **Award of Contract No. 1718-049-11
2019 Traffic Signal and Intersection Improvements**

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1718-049-11 to Crown Contracting Limited in the amount of \$2,571,837.08, (including GST), for traffic signal and intersection improvements at various locations throughout the City;
2. Set the expenditure authorization limit for Contract No. 1718-049-11 at \$2,829,020.80, (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1718-0049-11.

SCOPE OF WORK

The construction package related to this Contract consists of the installation of eight new traffic signals, pedestrian signals and special crosswalks, and upgrades to one existing traffic signal. The project locations are listed in the following table, and are also illustrated on the map attached to this report as Appendix "1":

Map Reference Number	Project #	Location	Description
1	R-11753	164 Street and 32 Avenue	Traffic Signal
2	R-16532	152A Street and 16 Avenue	Pedestrian Signal
3	R-17240	17000 Block of 64 Avenue	Pedestrian Signal
4	R-17242	King George Boulevard and 32 Avenue	Overhead Flashing Crosswalk
5	R-17243	156 Street and 102 Avenue	Overhead Flashing Crosswalk
6	R-17244	15200 Block of Croydon Drive	Overhead Flashing Crosswalk
7	R-17476	168 Street and 63 Avenue	Traffic Signal Upgrade
8	R-16509	121 Street and 72 Avenue	Traffic Signal
9	R-16745	190 Street and 96 Avenue	Traffic Signal

The Contract permits construction between 7:00 a.m. and 10:00 p.m. The Contract does not include an option for contractors to work 24-hours a day, 7-days a week, as based on input from contractors, there were no financial savings or time savings expected. In fact, costs would have been higher completing some key elements of the work 24-hours a day, 7-days a week as this would have resulted in additional equipment costs and labour premiums.

The Contract work is expected to start July 2019 and be completed by February 2020.

TENDER RESULTS

Tenders for the subject Contract were opened on June 24, 2019 with the following results:

	<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1.	Crown Contracting Limited	\$2,571,837.08	No Change
2.	Eurovia British Columbia Inc.	\$2,905,343.03	\$2,905,223.55
3.	Lafarge Canada Inc.	\$3,400,196.10	No Change

The Engineer's (Parsons Inc.) pre-tender estimate was \$2.7 million, including GST.

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. One minor arithmetic error was found 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 low bidder, Crown Contracting Limited, has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 120 working days, as stipulated in the Contract. Crown Contracting Limited's past performance on similar work has been satisfactory and they have no outstanding legal claims against the City. It is recommended that Crown Contracting Limited be awarded Contract No. 1718-049-11.

SUSTAINABILITY CONSIDERATIONS

This project supports the objectives of the City's Sustainability Charter 2.0. In particular, this project relates to the Sustainability Charter 2.0 theme Infrastructure. Specifically, this Contract supports the following Desired Outcomes ("DO"):

- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable and long lasting, and are effectively integrated into regional systems; and
- Transportation DO14: Goods movement throughout the city is efficient, and minimizes environmental and community impacts.

FUNDING

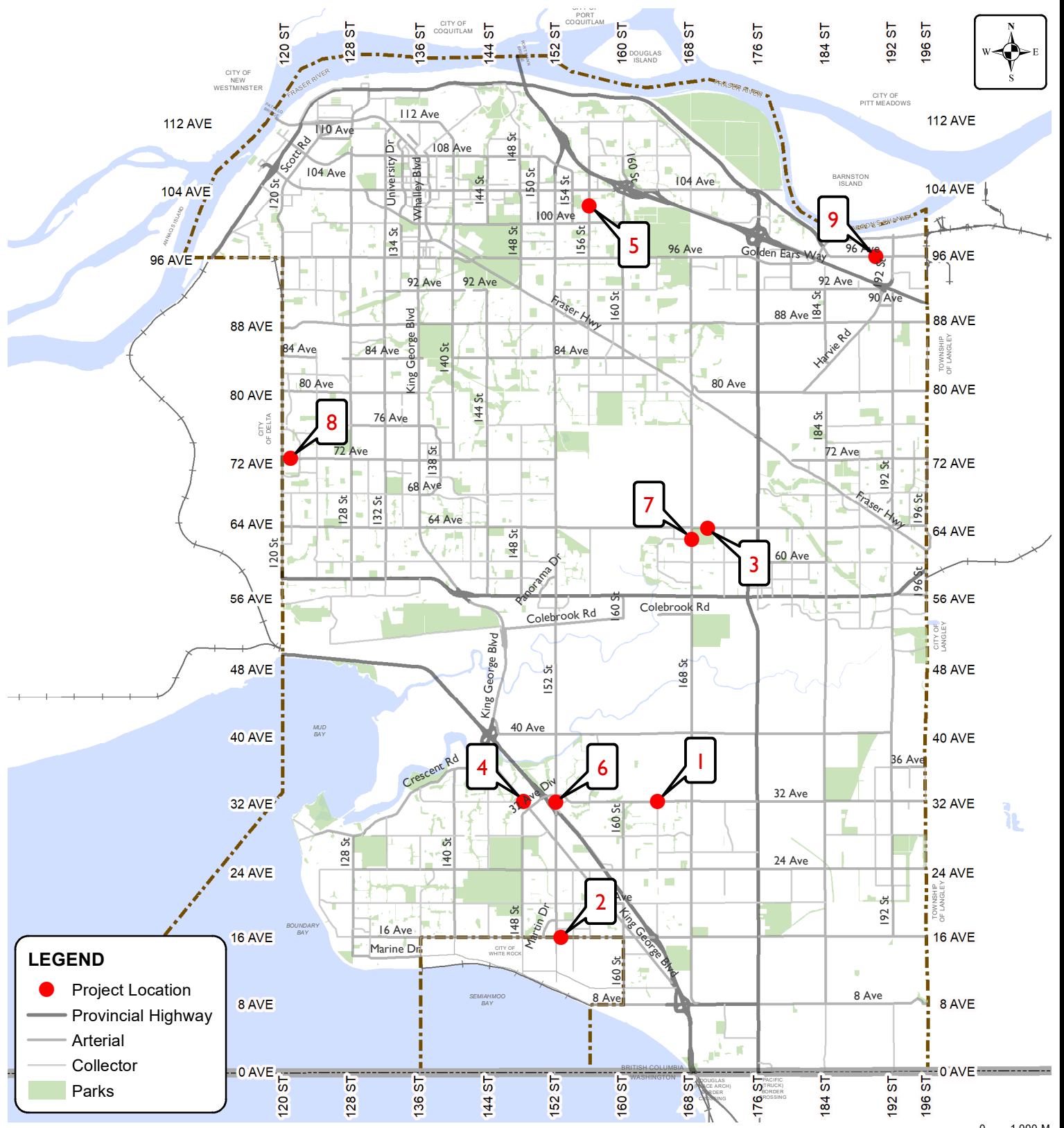
Funding for this Contract is available in the approved 2019 Transportation Budget.

Jaime Boan, P.Eng.
Acting General Manager, Engineering

JA/VJ/RSB/cc

Appendix "I" - Map of Locations – Contract No. 1718-049-11

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LEGEND

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

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Scale: 1:125,000 0 1,000 M



CONTRACT No. 1718-049-11 2019 Traffic Signals & Intersection Improvements

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.