

NO: R069

COUNCIL DATE: April 23, 2018

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **April 19, 2018**

FROM: **General Manager, Engineering** FILE: **1717-003/11**

SUBJECT: **Award of Contract No. 1717-003-11
2018 Traffic Signal Program**

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1717-003-11 to Crown Contracting Limited in the amount of \$4,430,632.76, (including GST), for traffic signal and crosswalk improvements at various locations throughout the City;
2. Set the expenditure authorization limit for Contract No. 1717-003-11 at \$4,880,000.00, (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1717-003-11.

SCOPE OF WORK

The construction package related to this Contract consists of the installation of 10 new Traffic Signals, Pedestrian Signals and Special Crosswalks and the refurbishment of 7 Traffic Signals at the locations listed in the following table, which are also illustrated on the map attached to this report as Appendix "I":

Map Reference Number	Project #	Location	Description
1	R-15570	Fraser Highway & 182 Street	Pedestrian Signal
2	R-16147	072 Avenue & 184 Street	Traffic Signal
3	R-16502	072 Avenue & 128 Street	Traffic Signal Rebuild
4	R-16519	8100 Block of 120 Street	Pedestrian Signal
5	R-16504	096 Avenue & 152 Street	Traffic Signal Rebuild (MRN)
6	R-16505	088 Avenue & 128 Street	Traffic Signal Rebuild (MRN)
7	R-16507	88 Avenue & 152 Street	Traffic Signal Rebuild (MRN)
8	R-16508	Prince Charles & 128 Street	Traffic Signal
9	R-16509	72 Avenue & 121 Street	Traffic Signal Rebuild
10	R-16512	104 Avenue & 13000 Block	Pedestrian Signal

Map Reference Number	Project #	Location	Description
11	R-16513	Fraser Highway & 150 Street	Pedestrian Signal
12	R-16514	9400 Block & 128 Street	Activated Flashing Crosswalk
13	R-16515	76 Avenue & 13600 Block	Activated Flashing Crosswalk
14	R-16516	76 Avenue & 13700 Block	Activated Flashing Crosswalk
15	R-16517	7500 Block & 138 Street	Activated Flashing Crosswalk
16	R-16518	80 Avenue & 120 Street	Traffic Signal Rebuild (MRN)
17	R-16503	142A Street & 88 Avenue	Traffic Signal Rebuild

The Contract work is expected to start May 22, 2018 and be completed by October 12, 2018.

TENDER RESULTS

Tenders for the subject Contract were opened on April 6, 2018 with the following results:

	Contractor	Tendered Amount with GST	Corrected Amount
1.	Crown Contracting Limited	\$4,430,632.76	No Change
2.	Bay Hill Contracting Ltd.	\$4,973,297.06	No Change

The Engineer's (WEB Engineering Ltd.) pre-tender estimate was \$4.2 million, (including GST).

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. No errors were found. 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 100 working days, as stipulated in the Contract. Their 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. 1717-003-11.

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 Strategic Directions (SD) and 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
- All Infrastructure SD1: Proactively manage community assets to maintain them over the long-term in a state of good repair.

FUNDING

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

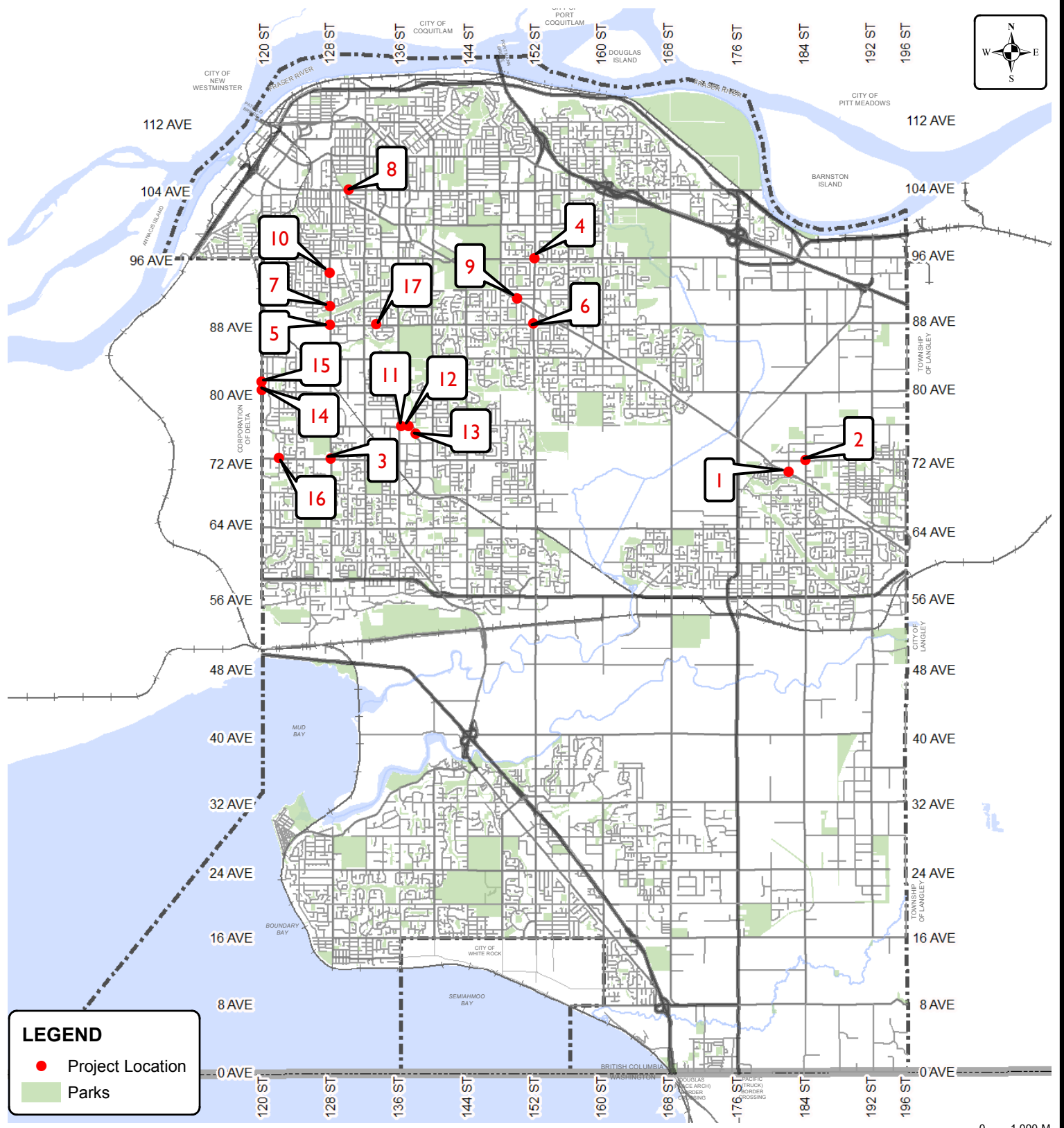
Fraser Smith, P.Eng., MBA
General Manager, Engineering

FS/JA/RB/jma/ggg

Appendix "I": Map of Locations – Contract No. 1717-003-11

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APPENDIX "I"



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CONTRACT No. 1717-003-11 2018 Traffic Signals Program

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.

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