

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **April 21, 2022**
 FROM: **General Manager, Engineering** FILE: **1721-002/11**
 SUBJECT: **Award of Contract No. 1721-002-11 Traffic Signal Improvements**

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract No. 1721-002-11 to Crown Contracting Limited in the amount of \$2,343,485.55 (including GST), for traffic signal improvements at various locations;
2. Set the expenditure authorization limit for Contract No. 1721-002-11 at \$2,578,000.00 (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1721-002-11.

SCOPE OF WORK

The construction package related to this contract consists of traffic signal and pedestrian crossing enhancements with rectangular rapid flashing beacons (“RRFB”) at the locations listed in the following table, which are also illustrated on the map attached to this report as Appendix “1”:

| Map Reference Number | Project # | Location | Project Description |
|----------------------|-----------|---------------------------------|------------------------|
| 1 | R-18394 | 24 Avenue and 152 Street | Traffic Signal Rebuild |
| 2 | R-18391 | 68 Avenue and 189 Street | RRFB |
| 3 | R-18392 | 96 Avenue and 12800 Blk | Pedestrian Signal |
| 4 | R-18395 | 80 Avenue and 169 Street | RRFB |
| 5 | R-18401 | 111 Avenue and 128 Street | Pedestrian Signal |
| 6 | R-18402 | King George Blvd and 97A Avenue | Pedestrian Signal |

The contract permits construction from 7:00 a.m. to 10:00 p.m., Monday through Friday, which is in compliance with the City’s *Noise Control Bylaw, 1982, No. 7044*. The contract includes nighttime paving at the intersection for R-18394 and potential weekend work for R-18402 to avoid major traffic congestion.

The contract work is expected to start in May 2022 and be completed by September 2022.

TENDER RESULTS

Tenders for the subject contract were opened on April 5, 2022 with the following results:

| <i>Contractor</i> | <i>Tendered Amount with GST</i> | <i>Corrected Amount</i> |
|---|-------------------------------------|-----------------------------|
| 1. Bluecon Contracting Ltd. | \$2,097,806.82 | No Change |
| 2. Crown Contracting Limited | \$2,343,485.55 | No Change |
| 3. 1336238 BC Ltd. dba Cancon Construction Ltd. | \$2,926,361.21 | No Change |

The Engineer's (R.F. Binnie & Associates Ltd.) pre-tender estimate was \$2.1 million including GST.

EVALUATION

The submissions were reviewed for accuracy and completeness. No errors were found. All submissions included the required 10% bid bond, and were signed on the Tender Form.

The lowest tender from Bluecon Contracting Ltd. was found to be not satisfactory, as confirmed by reference checks. The contractors' named personnel on this project also have limited and directly comparable work experience for constructing municipal infrastructure along major roadways, which is a significant component to this project. As well, Bluecon Contracting Ltd. has not completed a municipal infrastructure project of comparable value.

The second lowest bidder, Crown Contracting Limited, has directly comparable experience of constructing municipal infrastructure along major roadways. 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 90 working days, as stipulated in the contract. Their past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. While Crown Contracting Limited's tender was above the Engineering's pre-tender estimate, their tender provides the best value to the City. It is recommended that Crown Contracting Limited be awarded Contract No. 1721-002-11.

SUSTAINABILITY CONSIDERATIONS

The work of this contract supports the objectives of the City's Sustainability Charter 2.0. In particular, the project supports the Sustainability Charter 2.0 theme of Infrastructure. Specifically, this project supports the following Desired Outcomes ("DO's"):

- 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.

Legal Services Review

Legal Services has reviewed this report and has no concerns.

FUNDING

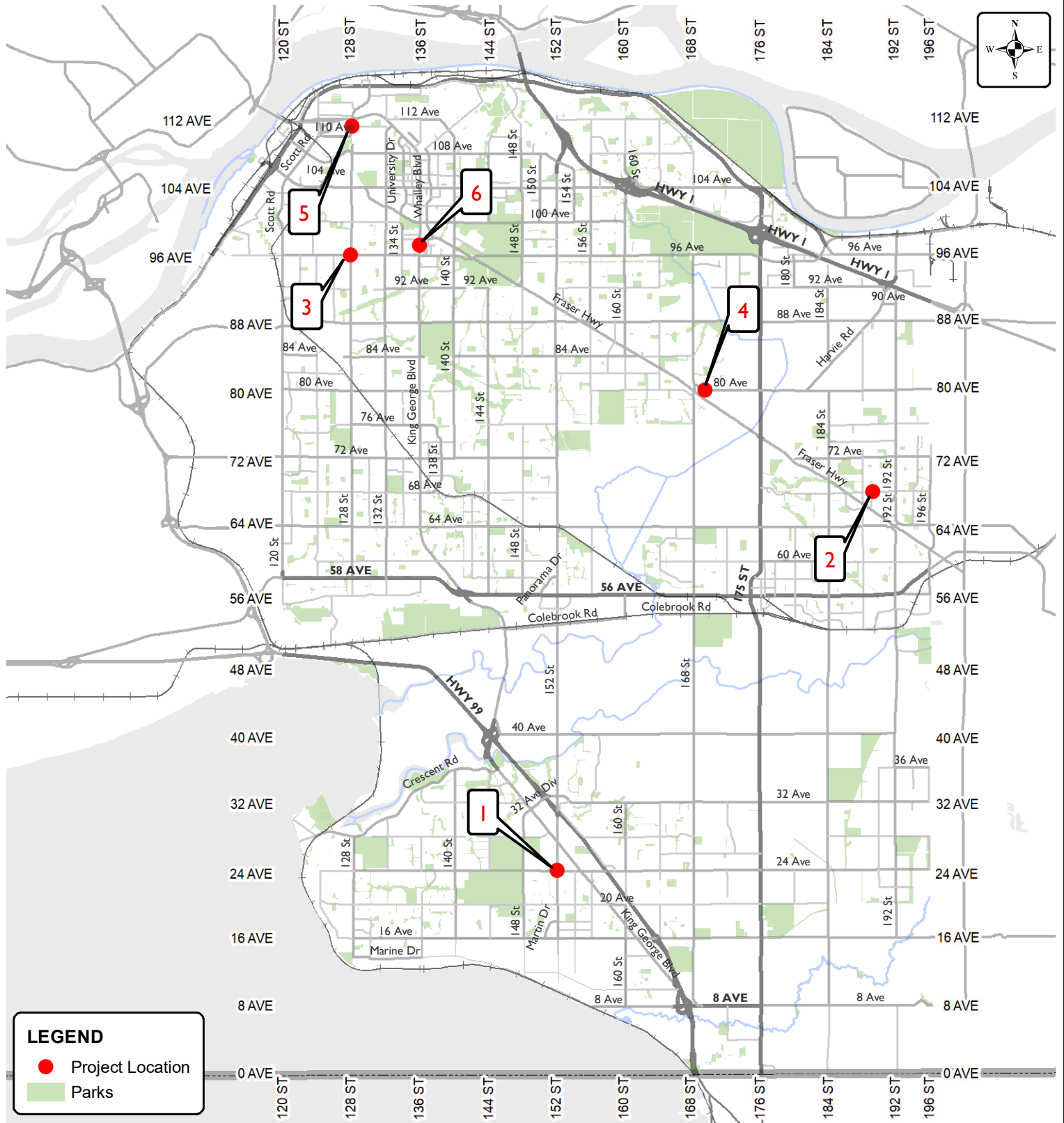
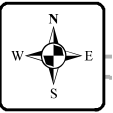
Funding for this contract is available in the approved 2022 Transportation Budget.

Scott Neuman, P.Eng.
General Manager, Engineering

VJ/js

Appendix "I": Map of Locations – Contract No. 1721-002-11

[https://surreybc.sharepoint.com/sites/eng.administration/wp_docs/2022/admin/cr/final/april 25/award of contract traffic signal improvements.docx](https://surreybc.sharepoint.com/sites/eng.administration/wp_docs/2022/admin/cr/final/april%2025/award%20of%20contract%20traffic%20signal%20improvements.docx)
JHS 4/21/22 3:34 PM



LEGEND

- Project Location
- Parks

Produced by GIS Section: 05-Apr-2022

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



CONTRACT No. 1721-002-11 Traffic Signal 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.