

NO: R022

COUNCIL DATE: February 11, 2019

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **January 28, 2019**

FROM: **General Manager, Engineering**

FILE: **1717-014/11**

SUBJECT: **Award of Contract No. 1717-014-11
2019 School and Transit Sidewalks Package**

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1717-014-11 to TAG Construction Ltd. in the amount of \$2,699,841.43 (including GST) for the construction of new sidewalks and related roadwork at various locations nearby schools and transit facilities;
2. Set the expenditure authorization limit for Contract No. 1717-014-11 at \$2,970,000.00 (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1717-014-11.

SCOPE OF WORK

The construction package related to this Contract involves Safe and Active Schools improvements consisting of the installation of sidewalks and related roadwork located nearby schools and transit facilities. The project locations are listed in the following table, and are also illustrated on the map attached to this report as Appendix "I":

Map Reference Number	Project #	Project Description	Location (nearby school)
1	R-16681	Roadwork consisting of new sidewalks, medians, and street lighting	144 Street: 88 Avenue to 89A Avenue (Green Timbers Elementary School)
2	R-16682	Roadwork consisting of pick-up/drop-off parking and sidewalk	12150 - 92 Avenue (Kirkbride Elementary School)
3	R-16683	Roadwork consisting of new sidewalks and street lighting	138A Street: 104 Avenue to 105A Avenue (Forsyth Road Elementary School)
4	R-16684	Roadwork consisting of new sidewalks and street lighting	139 Street: 104 Avenue to 105A Avenue (Forsyth Road Elementary School)
5	R-16686	Raised Pedestrian Crossing	East side of 91A Avenue and 138 Street (Creekside Elementary School)

The Contract work is expected to start in February 2019 and be completed by October 2019. A road closure is planned on 144 Street from 88 Avenue to 89 Avenue to accommodate the construction of the work at this location. Given the duration of the work at this location, to minimize impacts to Green Timbers Elementary School, work along 144 Street will be completed during the Summer school recess. There are no prolonged impacts to any residences or businesses resulting from any of the Contract work.

TENDER RESULTS

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

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. TAG Construction Ltd.	\$2,699,841.43	No Change
2. Mainland Construction Materials ULC dba Winvan Paving	\$3,092,666.96	\$3,092,801.25
3. All Roads Construction Ltd.	\$3,102,750.00	No Change
4. Eurovia British Columbia Inc.	\$3,124,297.16	No Change
5. Lafarge Canada Inc.	\$3,134,328.75	No Change

The Engineer's (R. F. Binnie & Associates) pre-tender estimate was \$2.6 million (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.

The Tender Submissions were based on construction being permitted from 7:00 a.m. to 9:00 p.m., Monday through Friday, which complies with the City's *Noise Control Bylaw, 1982 No. 7044* which allows for construction by contractors between 7:00 a.m. and 10:00 p.m., Monday through Saturday.

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, tender submissions on future contracts will include an option for contractors to work 24-hours a day, 7-days a week. Staff are also 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.

The low bidder, TAG Construction Ltd., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 180 working days, as stipulated in the Contract. They have no outstanding legal claims against the City. It is recommended that TAG Construction Ltd. be awarded Contract No. 1717-014-11.

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 theme Infrastructure. Specifically, this Contract supports the following Desired Outcome ("DO") and Strategic Direction ("SD"):

- 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

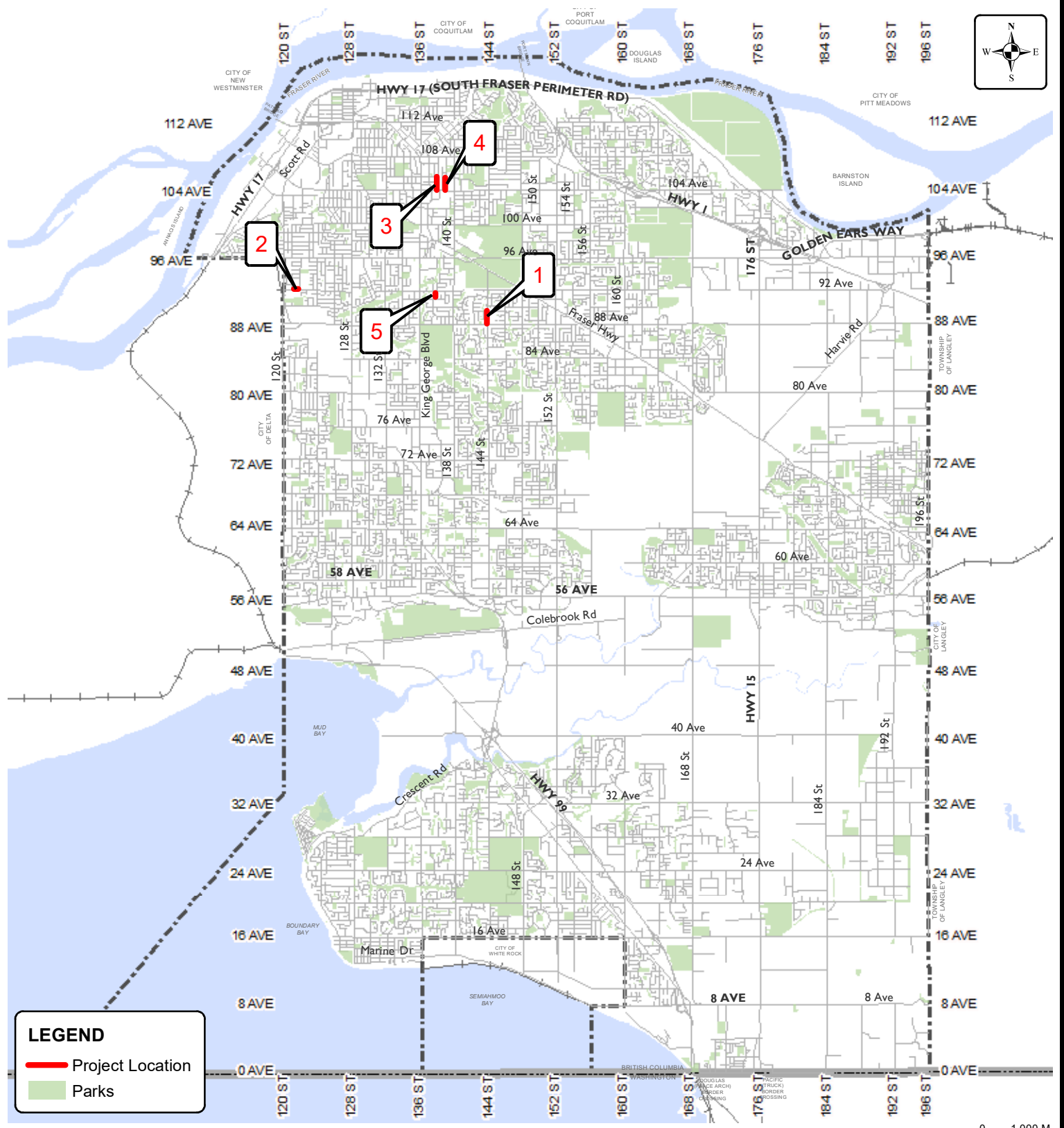
Funding for this Contract is available in the approved 2019 Transportation Budget.

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

VJ/RB/cc

Appendix "I" - Map of Locations – Contract No. 1717-014-11

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Produced by GIS Section: 22-Jan-2019, C9W

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Contract No. 1717-014-11 2019 School and Transit Sidewalks Package

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.