

NO: R076

COUNCIL DATE: April 25, 2022

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## REGULAR COUNCIL

TO: **Mayor & Council** DATE: **April 21, 2022**

FROM: **General Manager, Engineering** FILE: **6020-004/11**

SUBJECT: **Award of Contracts No. 6020-004-11 and 6020-004 C1  
Crescent Beach Utility Improvements – Phase 3 (DMAF)**

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## RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract No. 6020-004-11 to BEL Contracting a Division of BelPacific Excavating & Shoring Limited Partnership in the amount of \$3,591,194.46, (including GST), for the Crescent Beach Utility Improvements – Phase 3 (DMAF) project;
2. Set the expenditure authorization limit for Contract No. 6020-004-11 at \$3,951,000.00, (including GST and contingency);
3. Award Consultant Construction Agreement No. 6020-004 C1 to ISL Engineering and Land Services Ltd. at an estimated fee limit of \$1,073,026.50 (including GST) for the related construction services;
4. Set the expenditure authorization limit for Consultant Construction Agreement No. 6020-004 C1 at \$1,181,500.00 (including contingencies and GST); and
5. Authorize the General Manager, Engineering to execute Contract No. 6020-004-11 and Contract No. 6020-004 C1.

## BACKGROUND

The Crescent Beach Utility Improvements – Phase 3 project is included as part of the Surrey Disaster Mitigation and Adaptation Fund (“DMAF”) program involving the implementation of a comprehensive flood protection strategy that seeks to reduce Surrey’s vulnerability to coastal flooding and sea level rise.

This project is part of a multi-phased drainage improvement program. Phase 1 and 2 have been completed. Phase 4, which includes completing the design of the storm sewer system for the remaining streets, is currently underway.

## SCOPE OF WORK

### Construction Contract

The construction package related to this contract consists of Drainage, Sanitary, and Water improvements 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 #	Project Description	Location
1	D-16927	440m of 300mm – 900mm diameter pipe	Dunsmuir Road and Sullivan Street: Kidd Road to Beecher Street
	S-16115	10m of 375mm diameter pipe	Sullivan Street: Kidd Road to Pump Station
	S-16642	153m of 250mm diameter pipe	Sullivan Street: Kidd Road to Gordon Avenue
	W-17929	85m of 250mm diameter pipe	Sullivan Street: Beecher Street to Lot 12325

The contract permits construction from 7:00 a.m. to 10:00 p.m., Monday through Friday, in compliance with the *Surrey Noise Control Bylaw, 1982, No. 7044*. The contract does not include an option for contractors to work 24-hours a day, seven days a week as the work is located within a residential area.

The contract includes traffic management options during construction. Sectional road closures may be permitted during construction hours only to assist with Utility installation and Archaeology works. Detour routes will be reviewed by City staff. At the end of each workday, the contractor will be required to open the road for public use. Access for homeowners will be maintained during construction hours. Staff have consulted with the Crescent Beach Property Owners Association (“CBPOA”) on the traffic management options. CBPOA is supportive of sectional closures during construction hours only.

Crescent Beach is located in an archaeologically sensitive area and past construction activities have revealed indigenous remains, cultural deposits and artefacts. As a result, an archaeological impact assessment, including subsurface testing and the use of ground penetrating radar, was utilized during the project design to determine any potential impacts and appropriate mitigation. The archaeological assessment and mitigation strategy has been developed to the satisfaction of the Provincial Archaeological Branch and First Nations.

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

### Engineering Construction Services

The engineering construction services consisting of contract administration and field inspection services including civil work inspection and archaeological inspection will be undertaken by ISL Engineering and Land Services Ltd. (“ISL”), who were the successful consultants through a competitive process

Geotechnical and arborist field inspection services will be completed by other consultants who will be retained as sub-consultants for ISL. A significant portion of ISL's fee is to provide archaeological field services which is a requirement under the Site Alternation Permit obtained from the Archaeological Branch. Under the conditions of the permit an archaeological field crew is required to monitor and screen excavated soils to identify and assess archaeological features that may be found in the excavated materials.

## TENDER RESULTS

Tenders for the subject contract were opened on April 4, 2022, with the following results:

	<b><i>Contractor</i></b>	<b><i>Tendered Amount with GST</i></b>	<b><i>Corrected Amount</i></b>
1.	BEL Contracting a Division of BelPacific Excavating & Shoring Limited Partnership	\$3,591,141.96	\$3,591,194.46
2.	Drake Excavating (2016) Ltd.	\$3,858,346.86	No Change
3.	Richco Contracting Ltd.	\$4,194,540.00	No Change
4.	Tybo Contracting Ltd.	\$5,142,900.00	No Change
5.	Clearway Construction Inc.	\$5,983,249.65	No Change

The Engineer's (ISL Engineering and Land Services Ltd.) pre-tender estimate was \$3.52 million, including GST.

## EVALUATION

The submissions were reviewed 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 and were signed on the Tender Form.

The low bidder, BEL Contracting a Division of BelPacific Excavating & Shoring Limited Partnership ("BEL Contracting"), has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 140 working days, as stipulated in the contract. BEL Contracting's past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that BEL Contracting be awarded Contract No. 6020-004-11.

## 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 of Infrastructure. Specifically, this Phase 3 project supports the following Desired Outcomes ("DOs"):

- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable, long lasting, and are effectively integrated into regional systems;
- All Infrastructure DO2: Infrastructure systems provide safe, reliable, and affordable services; and
- All Infrastructure DO3: Infrastructure systems are designed to protect human health, preserve environmental integrity, and be adaptable to climate change impacts.

## FUNDING

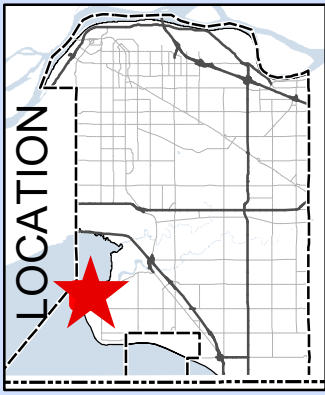
Funding for this contract is available in the approved 2022 Utilities Budget.

Scott Neuman, P.Eng.  
General Manager, Engineering

VJ/bn

Appendix "I" – Map of Locations – Contract No. 6020-004-11

[https://surreybc.sharepoint.com/sites/eng.administration/wp\\_docs/2022/admin/cr/final/april 25/award of contract crescent beach utility improvements.docx](https://surreybc.sharepoint.com/sites/eng.administration/wp_docs/2022/admin/cr/final/april%2025/award%20of%20contract%20crescent%20beach%20utility%20improvements.docx)  
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**LEGEND**

- Phase 3/Project Location
- Phase 1 & 2
- - - Phase 4
- Parks

Produced by GIS Section: 19-Apr-2022

Scale: 1:6,000 0 60 M



## Crescent Beach Utility Improvements Phase 3 (DMAF)

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.