

NO: R174

COUNCIL DATE: July 25, 2016

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## REGULAR COUNCIL

TO: **Mayor & Council** DATE: **July 19, 2016**

FROM: **General Manager, Engineering** PROJECT FILE: **4810-054/21**

SUBJECT: **Award of Contract M.S. 4810-054-21**  
**East Bon Accord Drainage Improvements - Phase 1**

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## RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 4810-054-21 to Bel Contracting in the amount of \$2,478,731.85, including GST, for the construction of the East Bon Accord Drainage Improvements - Phase 1, subject to finalization of the Statutory Right of Way (SRW) grant from the Province of British Columbia;
2. Set the expenditure authorization limit for Contract M.S. 4810-054-21 at \$2,739,000.00, including contingency and GST; and
3. Authorize the General Manager, Engineering to execute Contract M.S. 4810-054-21.

## SCOPE OF WORK

The City recently developed a comprehensive stormwater management and implementation strategy for the East Bon Accord Creek watershed to address the long-term drainage needs for this residential community and to address erosion concerns in East Bon Accord Creek. This is a multi-phased program that will result in a new storm sewer network for the area.

Phase 1 consists of installing a high flow diversion sewer and rearing pond located adjacent to the Port Mann Bridge/Highway #1 as illustrated on the map attached as Appendix "I" to this report. The high flow diversion sewer will reduce erosion potential in East Bon Accord Creek by diverting peak flows generated from significant rainfall events away from the creek. The rearing pond is being constructed as part of the habitat compensation work required for the South Fraser Perimeter Road. The City is constructing the rearing pond in exchange for land granted by the Ministry for the high flow diversion sewer. As well, the City is utilizing the rearing pond as a discharge point for the peak flow diversion.

The Province's Transportation Investment Corporation has agreed to grant the City a SRW for the storm sewer. The Province and the City have agreed on the monetary amount and terms of the SRW. The City is waiting on the Province to sign and finalize the SRW, and this is expected to occur in late July 2016.

The contract work is expected to start in August 2016 and be completed by the end of December 2016.

## TENDER RESULTS

Tenders for the subject contract were opened on July 7, 2016, with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. Bel Contracting	\$2,478,731.85	No Change
2. King Hoe Excavating Ltd.	\$2,521,274.70	No Change
3. Richco Contracting Ltd.	\$2,713,120.20	No Change
4. Double M Excavating Ltd.	\$2,881,608.15	No Change
5. BD Hall Constructors Corp.	\$2,996,778.75	No Change
6. Pedre Contractors Ltd.	\$3,675,000.00	\$3,651,375.00

The Engineer's (Associated Engineering Ltd.) pre-tender estimate was \$2.0 million including GST. The discrepancy between the Engineer's estimate and the submitted tenders was the result of the exclusion of the deep excavation segment and offsite disposal costs which should have been included.

## 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 initialled on the Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, Bel Contracting, 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. 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 M.S. 4810-054-21.

## SUSTAINABILITY CHARTER/CONSIDERATIONS

The City is responsible for effective and sustainable design, construction and maintenance of infrastructure assets to provide safe and reliable services to our residents and businesses, while also ensuring the infrastructure meets the demands of future growth and economic development. These actions relate to the Sustainability Charter's Infrastructure theme and the overall goal of effective infrastructure to service current and future needs of the City. Specifically, this contract supports the following Desired Outcomes:

- 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 Do2: Infrastructure systems provide safe, reliable and affordable services.

## FUNDING

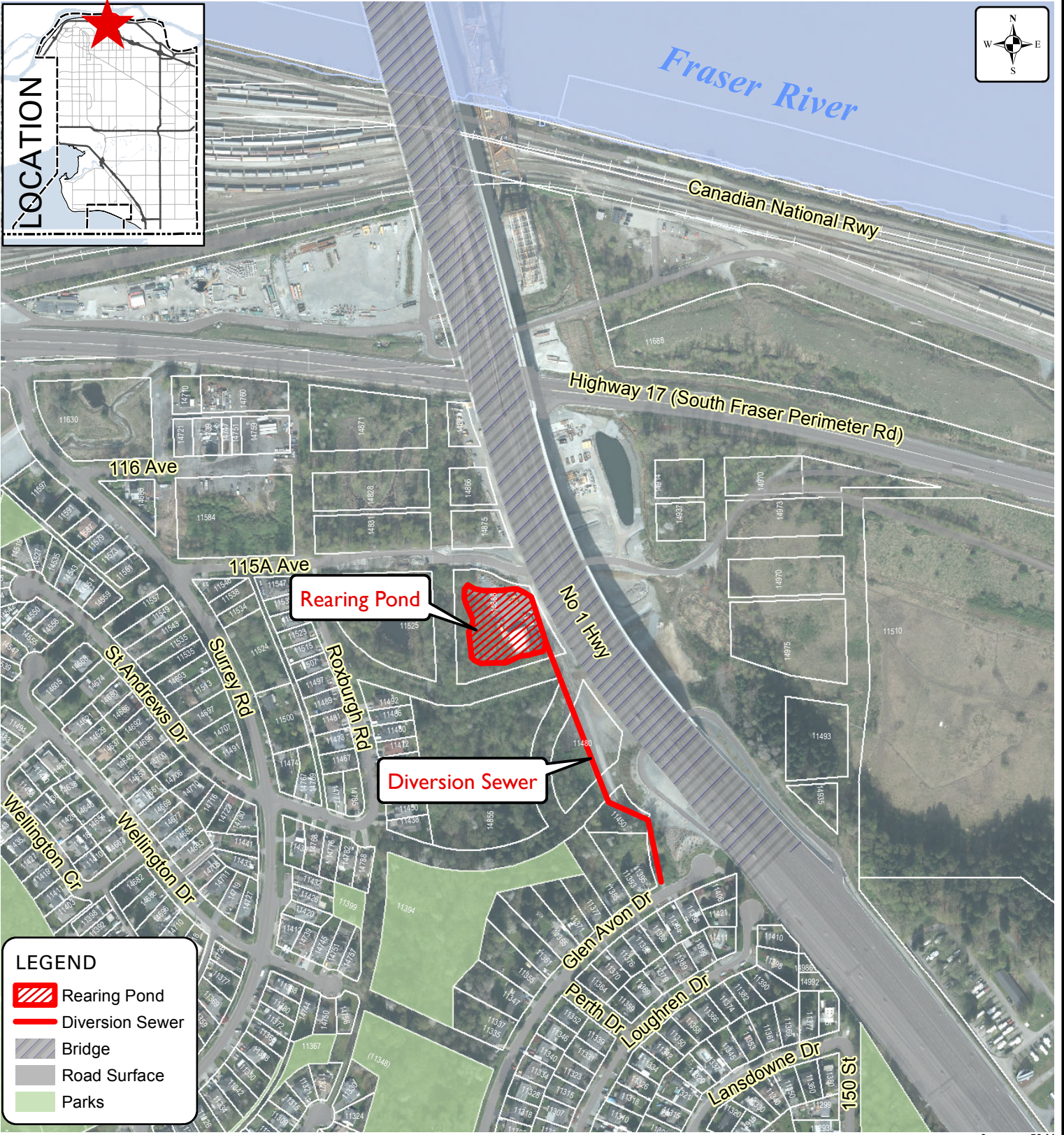
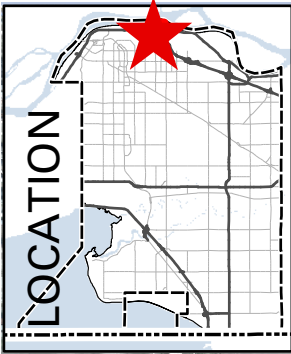
Funding for the subject contract is available in the approved 2016 Budget.

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

SBN/VJ/RI/clr/ras

Appendix "I" – Map of Location – Contract M.S. 4810-054-21

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LEGEND

-  Rearing Pond
-  Diversion Sewer
-  Bridge
-  Road Surface
-  Parks

Produced by GIS Section: 18-Jul-2016, JJR

Scale: 1:5,000 0 50 M



CONTRACT M.S. 4810-054-21  
East Bon Accord Drainage  
Improvements Phase 1

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.