

**REGULAR COUNCIL**

TO: **Mayor & Council** DATE: **January 4, 2016**  
 FROM: **General Manager, Engineering** FILE: **4815-004/11**  
 SUBJECT: **Award of Contract M.S. 4815-004-11**  
**Panorama and Hall's Prairie Drainage Pump Station Upgrades**

**RECOMMENDATIONS**

The Engineering Department recommends that Council:

1. Award Contract M.S. 4815-004-11 to GCL Contracting & Engineering Inc. in the amount of \$4,277,700.00, including GST, for the Panorama and Hall's Prairie Drainage Pump Station Upgrades; and
2. Authorize the General Manager, Engineering the authority to execute Contract M.S. 4815-004-11 to an expenditure authorization limit of \$4,700,000.00, including GST and contingency.

**SCOPE OF WORK**

The construction package related to this contract consists of upgrading the Panorama and Hall's Prairie Drainage Pump Stations with a new base flow pump and chamber to provide improved drainage in the agricultural lands to meet ARDSA service levels. The new pump improvements are designed for seismic conditions and to account for future sea level rise and ground subsidence to ensure improved drainage servicing for the lifecycle of the stations. The 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                 |
|----------------------|--------------|-----------------------------|--------------------------|
| 1                    | 4815-4140-00 | Hall's Prairie Pump Station | 18000 Block of 48 Avenue |
| 2                    | 4815-4130-00 | Panorama Pump Station       | 48 Avenue and 148 Street |

The contract work is expected to start in May 2016, and be completed by November 15, 2016.

**TENDER RESULTS**

Tenders for the subject contract were opened on December 11, 2015 with the following results:

| <i>Contractor</i>                     | <i>Tendered Amount with GST</i> | <i>Corrected Amount</i> |
|---------------------------------------|---------------------------------|-------------------------|
| 1. GCL Contracting & Engineering Inc. | \$4,277,700.00                  | No Change               |
| 2. Westport Construction Group Inc.   | \$4,484,550.00                  | No Change               |

|  |                |                |
|--|----------------|----------------|
| 3. Merletti Construction (1999) Ltd.   | \$4,569,600.00 | No Change      |
| 4. Trittech Group Ltd.                 | \$4,901,687.70 | No Change      |
| 5. Deramore Construction Services Ltd. | \$4,630,500.00 | \$5,031,180.00 |
| 6. B & B Heavy Civil Construction Ltd. | \$5,296,921.35 | No Change      |
| 7. B. Cusano Contracting (2007) Inc.   | \$5,772,900.00 | No Change      |

The Engineer's (Kerr Wood Leidal Associates Ltd.) pre-tender estimate was \$3,750,000 including GST. The increase in the tender price from the Engineer's estimate was primarily because their estimate was based on lower quantities for sheet piling, and the fact that the estimated pump pricing was out-of-date and not reflective of the decline in the Canadian Dollar over the past 6 months.

Engineering staff have evaluated the tender price and find it reasonable for the proposed works. Staff have confirmed the tender price would be higher if re-tendered in early 2016 because the pumps require a 7 month delivery period, which would condense the construction schedule.

## 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 and sealed on the Tender Form, and were initialed on the Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, GCL Contracting & Engineering Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work by November 15, 2016, as stipulated in the contract. GCL Contracting & Engineering Inc.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that GCL Contracting & Engineering Inc. be awarded Contract M.S. 4815-004-11.

## SUSTAINABILITY CONSIDERATIONS

The work of this contract will improve the lowland drainage such that the Agricultural and Rural Development Subsidiary Agreement (ARDSA) base flow and freeboard levels are achieved by the pump station upgrades. In particular, the project supports the following City Sustainability Charter scope actions:

- EC12: Enhancing the productivity of agricultural lands within the Serpentine and Nicomekl River floodplains;
- EC3: Sustainable Infrastructure Maintenance and Replacement; and
- EN12: Enhancement and Protection of Natural Areas, Fish Habitat and Wildlife Habitat.

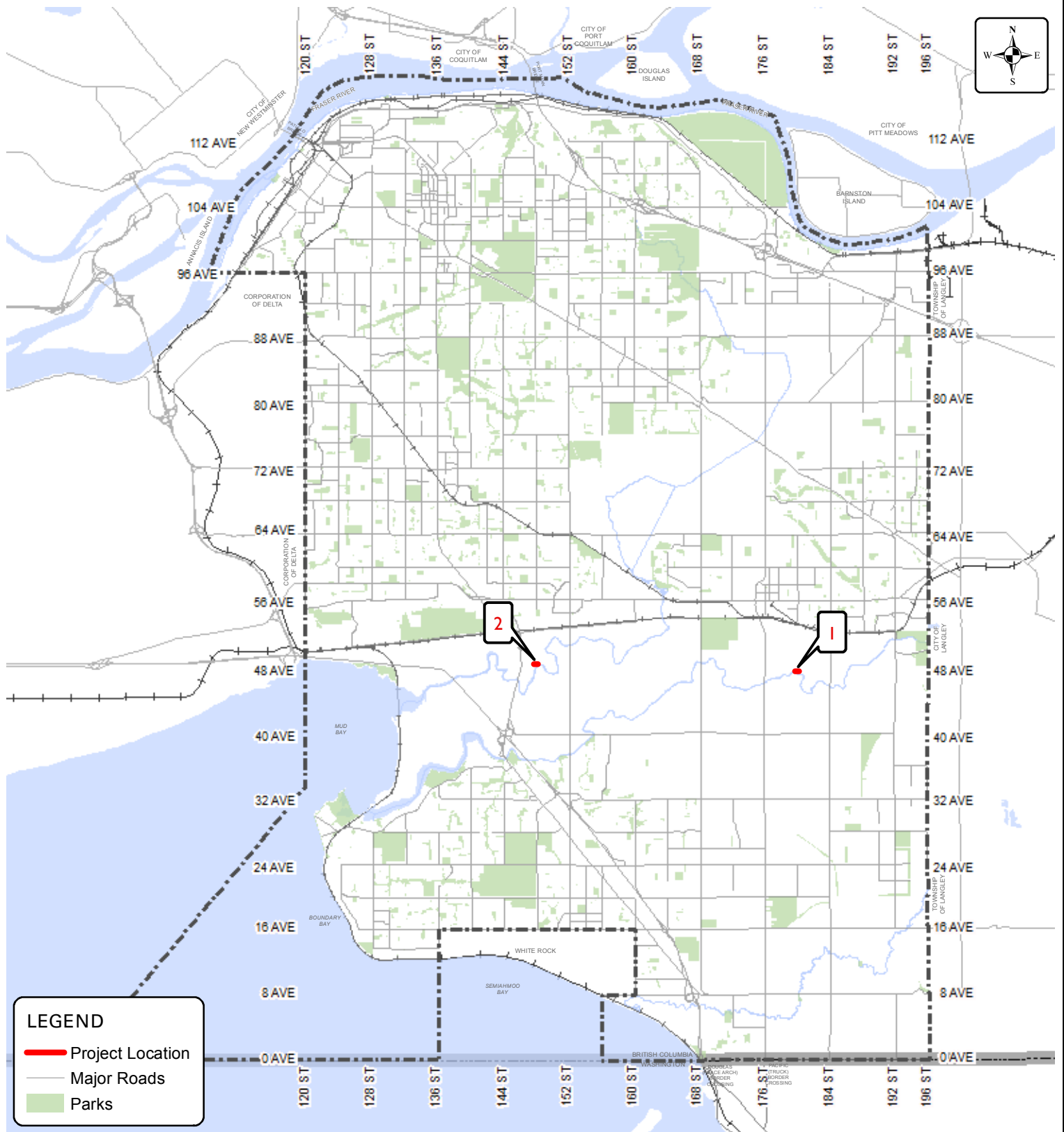
## FUNDING

Funding for this contract is available in the approved 2016 Drainage Budget.

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

SBN/HL/clr

Appendix "I" – Map of Locations – Contract M.S. 4815-004-11



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## CONTRACT MS 4815-004-11 Panorama and Hall's Prairie Drainage Pump Station Upgrades

ENGINEERING  
DEPARTMENT