

NO: **R102**

COUNCIL DATE: **May 28, 2012**

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **May 23, 2011**

FROM: **General Manager, Engineering**

FILE: **4810-001/61**

SUBJECT: **Award of Contract - M.S. 4810-001-61
Dyke Improvement Works along the Nicomekl River**

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 4810-001-61 to Mainland Civil Works Inc. in the amount of \$535,808.00, including HST, for dyke improvement works along the Nicomekl River; and
2. Set the expenditure authorization limit for Contract M.S. 4810-001-61 at \$560,000 including contingency and HST.

SCOPE OF WORK

The construction works in this contract consist of dyke improvements on statutory rights-of-way along the Nicomekl River. This contract primarily involves the moving, placement and compaction of soil to raise dykes along the River. The work area is along the Nicomekl River, as generally highlighted on the map attached as Appendix I. Secondary activities associated with this contract include hydro-seeding, fencing, access road construction, and settlement monitoring.

Due to the nature of the soils with which the dykes are constructed, placing material on the dykes is limited to periods of dry weather. As such, it is anticipated that dyke construction will begin in June and extend through October 2012. This contract is one of a series of phases of dyke construction work along the Nicomekl River. Dyke construction along the Nicomekl River, between 184 Street and Highway 99, is expected to be completed in 2013.

TENDER RESULTS

Tenders for the subject contract were opened on May 17, 2012, with the following results:

<i>Contractor</i>	<i>Tendered Amount with HST</i>	<i>Corrected Amount</i>
1. Mainland Civil Works Inc.	\$535,808.00	No Change
2. Delta Aggregates Ltd.	\$572,489.52	No Change
3. Tybo Contracting Ltd.	\$643,952.99	\$643,973.15
4. Double M Excavating Ltd	\$649,097.18	No Change
5. M2K Construction	\$677,320.33	\$681,994.10
6. Mission Contractors Ltd.	\$723,257.71	No Change

The Engineer's pre-tender estimate was \$596,542.24 including HST. Previously dyke improvement works have been carried out by way of invitational tenders to a pre-qualified list of contractors. Since this project does not involve in-stream work, an open tender process was employed.

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. There were two arithmetic errors that had no bearing on the outcome of the tender process. All submissions included the required 10% bid bond, and were signed and sealed on the Tender Form and Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, Mainland Civil Works Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 83 working days as stipulated in the contract. Mainland Civil Works' past performance on other City projects has been satisfactory. They have no outstanding legal claims against the City.

It is recommended that Mainland Civil Works Inc. be awarded Contract M.S. 4810-001-61.

SUSTAINABILITY CHARTER/CONSIDERATIONS

The Serpentine and Nicomekl Flood Control Project, being constructed in phases, is allowing for intensification of farming activities in the flood plains in Surrey. As the Project has progressed, previously semi-dormant hay fields are now being actively farmed with higher value crops such as vegetables and blueberries. This, along with habitat compensation and environmentally sensitive design and construction, assists in achieving the objectives of the Economic and Environmental Pillars of the City's Sustainability Charter; more particularly, the following action items:

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

FUNDING

Funding for the subject contract is available in the approved 2012 Budget.

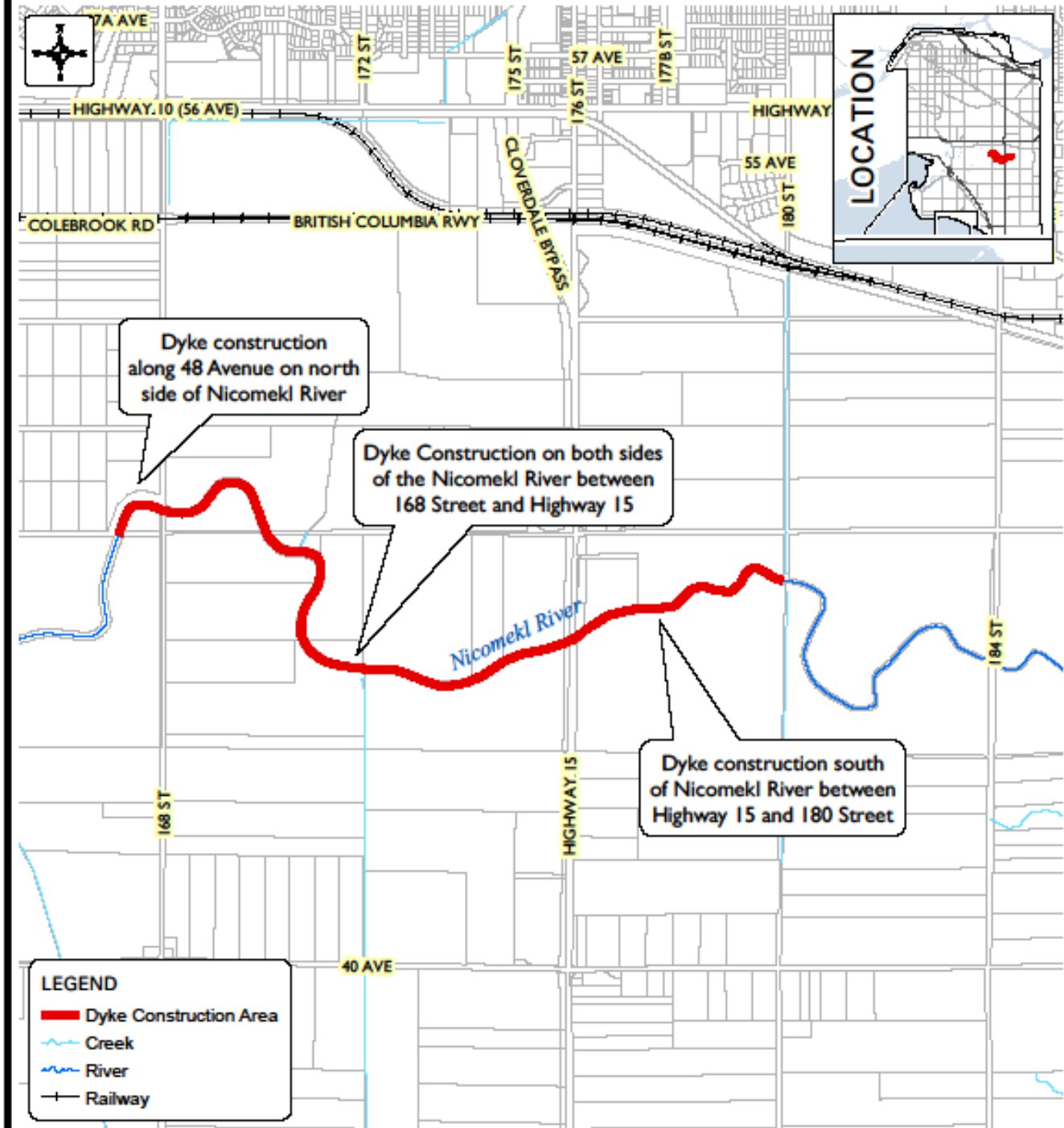
Vincent Lalonde, P.Eng.
General Manager, Engineering

KZ/MO/brb

Appendix I – Map of 2012 Nicomekl Dyke Construction under Contract M.S. 4810-001-61

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APPENDIX I



Produced by GIS Section: May 1, 2012, AWB



**CONTRACT AWARD MS 4810-001-61
2012 NICOMEKL DYKE
CONSTRUCTION**

**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.

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