

NO: R045

COUNCIL DATE: March 14, 2011

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## REGULAR COUNCIL

TO: **Mayor & Council** DATE: **March 9, 2011**  
FROM: **General Manager, Engineering** FILE: **4809-404/11**  
SUBJECT: **Award of Contract - M.S. 4809-404-11**  
**Lower Serpentine River Dyke Works in the Vicinity of 52nd Avenue**

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## RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 4809-404-11 for dyke improvement works along a section of the Serpentine River between King George Boulevard and Highway 10 to Keywest Asphalt Ltd. in the amount of \$923,664.00, including HST; and
2. Set the expenditure authorization limit for Contract M.S. 4809-404-11 at \$970,000 including contingency and HST.

## SCOPE OF WORK

This contract primarily involves work along a section of the Serpentine River dyke between King George Boulevard and Hwy. 10 having a length of approximately 540m. The work areas are highlighted on the map attached as Appendix I.

Activities associated with this contract include;

- reconstruction of an existing narrow earth dyke to an improved sheet pile dyke paralleled by a 3.6 metre maintenance path;
- hydro-seeding;
- fencing; and
- replacement of two flood boxes.

## TENDER RESULTS

Tenders for the subject contract were opened on February 25, 2011, with the following results:

<i>Contractor</i>	<i>Tendered Amount with HST</i>	<i>Corrected Amount</i>
1. Keywest Asphalt Ltd.	\$923,664.00	No Change
2. Jakes Construction Ltd.	\$927,836.00	No Change
3. Mission Contractors Ltd.	\$934,260.89	No Change
4. Mainland Civil Works Inc.	\$997,472.00	No Change
5. King Hoe Excavating Ltd.	\$1,136,716.00	No Change
6. GCL Contracting Engineering Inc.	\$1,145,760.00	No Change
7. Wilco Landscaping Westcoast Inc.	\$1,171,413.60	No Change
8. Delta Aggregates Ltd	\$1,275,169.05	No Change
9. Double M Excavating Ltd.	\$1,283,156.00	No Change
10. Gaia Inc.	\$1,505,337.40	No Change

The Engineer's pre-tender estimate was \$1,245,776 including HST. Since this project involves dyke works, only contractors from a pre-qualified contractors list were invited to submit tenders. Council previously approved the pre-qualified list of contractors.

## EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. No errors were found. 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, Keywest Asphalt Ltd., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond and agreed to complete the work within 92 working days as stipulated in the contract. Keywest's past performance on other City projects has been satisfactory. They have no outstanding legal claims against the City.

It is recommended that Keywest Asphalt Ltd. be awarded Contract M.S. 4809-404-11.

## SUSTAINABILITY CHARTER/CONSIDERATIONS

The Serpentine and Nicomekl Flood Control Project, of which this contract is a part, is allowing for intensification of farming activities. 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, supports the Economic and Environmental Pillars of the City's Sustainability Charter; particularly in the following specific areas:

- 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 this contract is available in the approved 2011 Engineering budget.

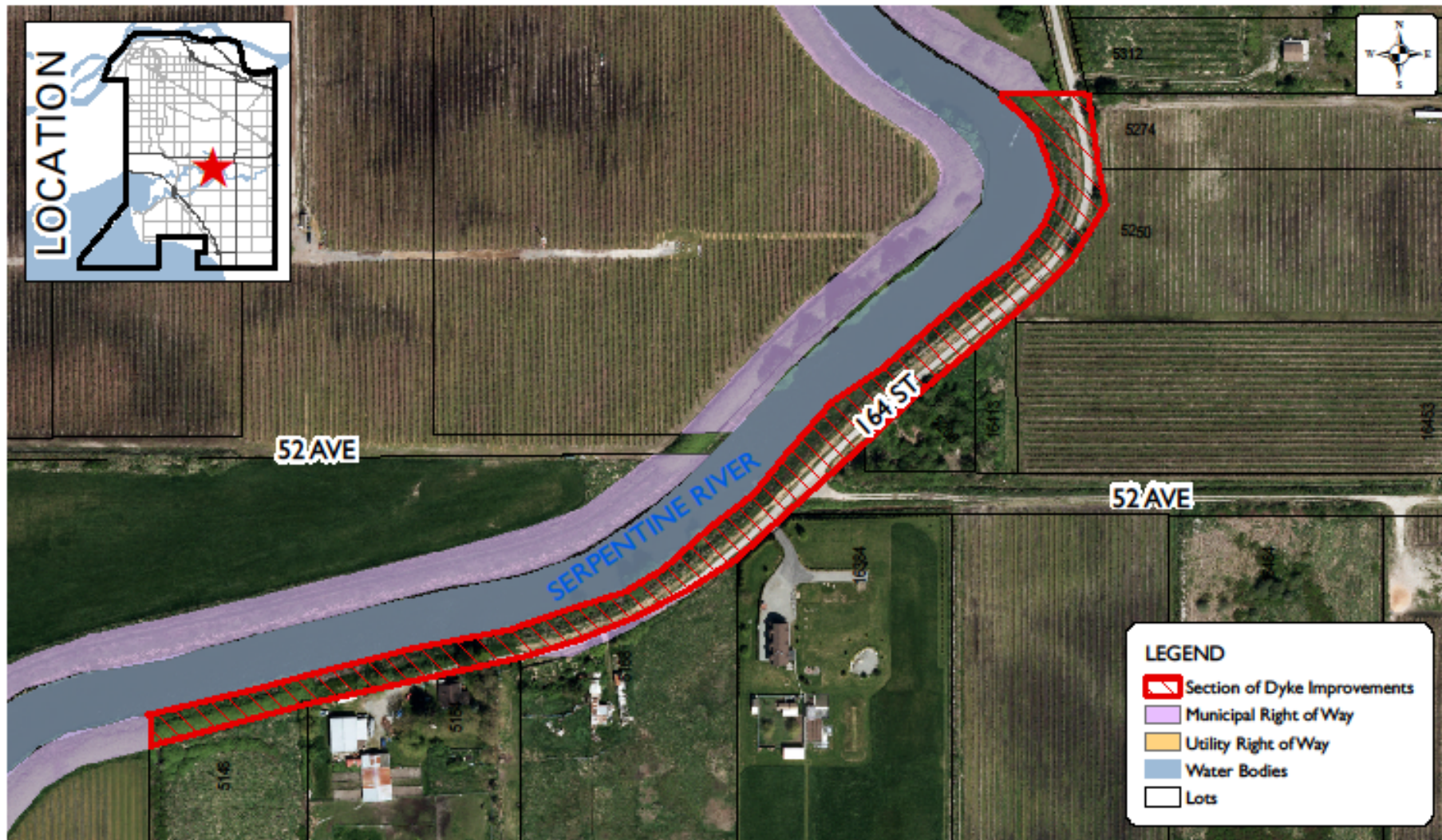
Vincent Lalonde, P.Eng.  
General Manager, Engineering

MB/brb

Appendix I – Map of 2011 Dyke Construction under Contract M.S. 4809-404-11

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# APPENDIX I AERIAL PHOTOGRAPH OF SITE



Produced by GIS Section: January 27, 2010, CS

Date of Aerial Photography: April 2009



PROJECT 4809-404  
LOWER SERPENTINE DYKE @ 52 AVE

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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