

NO: R050

COUNCIL DATE: March 22, 2010

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## REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **March 4, 2010**

FROM: **General Manager, Engineering**

PROJECT FILE: **4810-002-11**

SUBJECT: **Award of Contract M.S. 4810-002-11  
Fraser River Flood Protection Works**

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## RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 4810-002-11 to Wilco Landscape Westcoast Inc. for Fraser River Flood Protection Works in the amount of \$4,189,555.44, including GST; and
2. Set the expenditure authorization limit for Contract M.S. 4810-002-11 at \$4,610,000.00 including GST/HST.

## SCOPE OF WORK

In November 2009, the City received a funding contribution through the Build Canada Fund for two-thirds of the cost of construction of the Fraser River Flood Protection Works, to a maximum of \$4.3 million. These works will serve to protect the South Westminster and Bridgeview areas in the event of high water levels from the Fraser River.

The construction package related to this Contract involves flood protection works in the Fraser River floodplain area including construction of concrete flood walls, new dykes and tie-ins to existing dykes, along the CNR tracks from the vicinity of Old Yale Road to 130 Street as illustrated on the map attached as Appendix I. These works will be completed in the fall of 2010.

These flood protection works are necessary as a result of the Province, in 2006, publishing an updated 200-year flood profile of the Fraser River that is now up to a metre higher than our existing dykes in some areas.

## TENDER RESULTS

Tenders for the above contract were opened on March 2, 2010, with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. Wilco Landscape Westcoast Inc.	\$4,190,675.79	\$4,189,555.44
2. Mainland Civil Works Inc.	\$4,328,802.45	No Change
3. Graham Infrastructure & JV	\$4,659,623.00	\$4,659,635.40
4. GCL Contracting & Engineering Inc.	\$4,728,411.45	No Change
5. M2K Construction Ltd.	\$5,232,965.69	No Change
6. B&B Contracting Ltd.	\$5,392,600.00	\$5,392,600.22
7. Tyam Construction Ltd.	\$5,427,843.75	\$5,427,842.70
8. Double M Excavating Ltd.	\$5,479,829.85	No Change
9. JJM Construction	\$6,413,058.75	No Change
10. Timbro Contracting	\$6,923,175.00	No Change

The Engineer's pre-tender estimate was \$9,334,837.05 including GST.

We have confirmed that Wilco Landscape Westcoast Inc. have the required resources to successfully complete the project within the specified timeline and at an accelerated pace, if required, in the event that significant flooding of the Fraser River is forecasted during construction. This has been demonstrated to staff's satisfaction.

## EVALUATION

The City's consultant reviewed the tenders for accuracy and completeness. There were four tenders with 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, Wilco Landscape Westcoast Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond. Wilco Landscape Westcoast Inc.'s past performance on other City work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Wilco Landscape Westcoast Inc. be awarded Contract M.S. 4810-002-11.

## SUSTAINABILITY CONSIDERATIONS

The Fraser River flood protection works will enhance flood protection related to the annual freshet and act to mitigate and adapt to the effects of climate change as a result of changing flood elevations that have occurred due to climate change impacts and those predicted to come in the future. Environmental compensation works will also maintain fish habitat in established areas. These works support Charter Scope Actions related to:

- EN11: Surrey's Commitment to the Climate Change Action Plan; and
- EN12: Enhancement and Protection of Natural Areas, Fish Habitat and Wildlife Habitat

## FUNDING

Funding for the City's one-third share of this contract is available in the approved 2010 Budget with the Provincial and Federal Governments providing a two-thirds funding contribution through the Build Canada Fund.

Vincent Lalonde, P.Eng.  
General Manager, Engineering

KZ/VJ/brb

## Appendix I – Project Location

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# APPENDIX I AERIAL PHOTOGRAPH OF SITE



Produced by GIS Section: February 2, 2009, AW

Date of Aerial Photography: April 2009



## Fraser River Flood Protection Site Plan

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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AW-Fraser\_River\_Flood\_Protection\_Site\_Plan.mxd