

NO: R163

COUNCIL DATE: July 26, 2010

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## REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **July 23, 2010**

FROM: **General Manager, Engineering**

PROJECT FILE: **1710-004-11**

SUBJECT: **Award of Contract M.S. 1710-004-11  
Road Widening of 96 Avenue from 160 Street to 168 Street**

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## RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 1710-004-11 for road widening of 96 Avenue from 160 Street to 168 Street to B D Hall Constructors Corp. in the amount of \$9,891,152.81, including HST; and
2. Set the expenditure authorization limit for Contract M.S. 1710-004-11 at \$10,900,000.00 including HST.

## SCOPE OF WORK

Contract M.S. 1710-004-11 involves widening 96 Avenue between 160 Street and 168 Street. The existing two-lane road will be widened to a four-lane divided standard including a raised landscaped centre median, bicycle lanes, sidewalks and street lights. A new traffic signal will be installed at the intersection of 162A Street. Two bio-ponds will be constructed along the south side of 96 Avenue to treat road run-off prior to release to the local streams and the existing culvert crossing of the Serpentine River will be replaced with a bridge to improve fish passage. The construction project area is shown on the map attached as Appendix I.

The work is expected to start in mid-August 2010 and be completed by the end of March 2011.

A grant has been obtained from the Federal Infrastructure Stimulus Fund for one-third of the cost of the project with the condition that the project be completed by March 31, 2011. Due to the scope of the project and the need to complete a large quantity of work in a relatively short construction period with an even shorter period of favourable construction weather, 96 Avenue will be closed to all but local traffic for a period of 8 weeks starting in mid-August through to mid-October. The section of 96<sup>th</sup> Avenue to be closed and the detour routes are shown on the map attached as Appendix II.

## TENDER RESULTS

Tenders for the subject contract were opened on July 19, 2010, with the following results:

	<i>Contractor</i>	<i>Tendered Amount with HST</i>	<i>Corrected Amount</i>
1	B D Hall Constructors Corp	\$9,891,152.81	No change
2	Pedre contractors Ltd.	\$10,863,304.26	No Change
3	Mainland Civil Works Ltd.	\$11,181,785.09	\$11,316,171.65
4	JJM Construction Ltd.	\$11,771,617.70	No Change
5	Wilco Landscape Westcoast Ltd.	\$12,874,693.66	\$12,948,539.74
6	Jacob Brothers Construction Ltd.	rejected	

The Engineer's pre-tender estimate was \$12,247,552 million including HST.

## EVALUATION

The City's consultant reviewed the tenders for accuracy and completeness. Two tenders were found to contain arithmetic errors which did not affect the tender outcome. One incomplete tender was received thus requiring its rejection. All valid 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, B D Hall Constructors Corp., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 170 working days as stipulated in the Contract. B D Hall Constructors Corp. is a recently incorporated company that is currently completing a \$2.85 million road improvement project for the Corporation of Delta, with satisfactory performance. They have no outstanding legal claims against the City. It is recommended that B D Hall Constructors Corp. be awarded Contract M.S.1710-004-11.

## SUSTAINABILITY CONSIDERATIONS

The project will enhance the public realm by implementing street standards that minimize the negative impacts of transportation facilities on communities, while providing appropriate infrastructure in support of the City's transportation needs. The use of bio-ponds to treat road run-off and construction of a bridge crossing of the Serpentine River minimizes environmental risks and protects fish and wildlife habitat. In particular, the project supports the Sustainability Charter Scope actions related to:

- SC13: Creating a Fully Accessible City;
- EN13: Enhancing the Public Realm; and
- EN16: Land, Water and Air Quality Management.

## PROPERTY ACQUISITIONS

To meet the March 31, 2011 completion date set by the Federal Government as a condition of their funding contribution, it is essential that construction begin as soon as possible. Negotiations to acquire the road allowance widening requirements in support of the project are still ongoing with the majority of the essential property acquisitions having been completed. In the event that mutually acceptable agreements are not achieved in a reasonable timeframe, staff will report to Council with a recommended strategy for acquisition.

## FUNDING

Funding for one-third of the cost of this contract is being provided by the Federal Government through a grant from the Infrastructure Stimulus Fund. Funding for an additional one-third of the contract cost is being provided by TransLink under the Minor Capital Program. Funding for the remaining one third, being the City's share of the costs of this contract, is available in the approved 2010 Capital Budget.



Vincent Lalonde, P.Eng.  
General Manager, Engineering

VL/KZ/TH/brb/jkb

Appendix I – Location of Project

Appendix II – Road Closure Location and Detour Routes

# APPENDIX I AERIAL PHOTOGRAPH OF SITE



Produced by GIS Section: June 30, 2010, AW

Date of Aerial Photography: April 2009



**CONTRACT MS 1710-004-11**  
**96 AVENUE WIDENING**  
**FROM 160 STREET TO 168 STREET**

**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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 Corporate\Reports\Eng-Utilities\  
 AW\_96AVE\_road\_Widening\_1700-004-AP.mxd

LOCATION

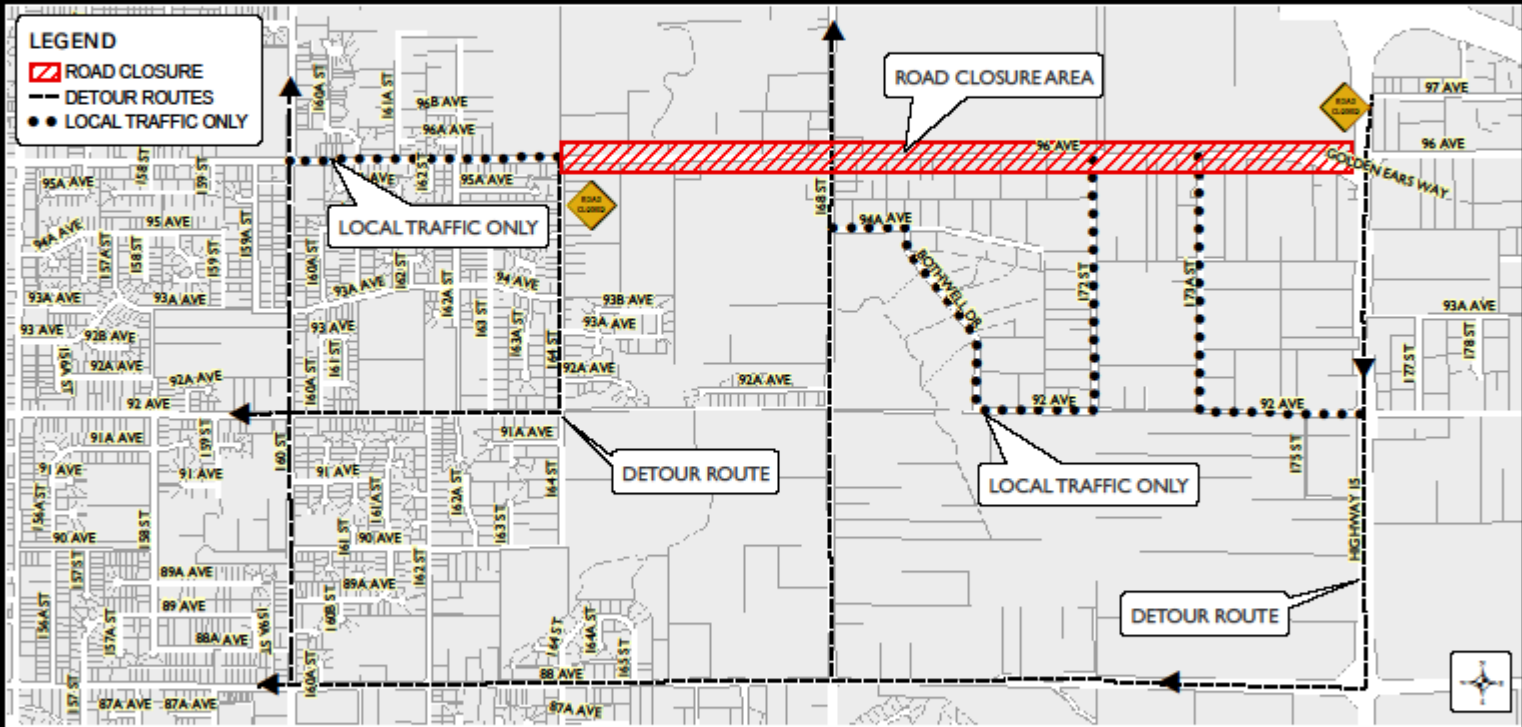


**CLOSURE DATES:**  
August To October, 2010 (8 Weeks) 7AM - 10PM

**PROJECT SUPERVISOR:**  
Tom Ho (City of Surrey): 604-591-4425

**LEGEND**

- ROAD CLOSURE
- DETOUR ROUTES
- LOCAL TRAFFIC ONLY



Produced by GIS Section: July 14, 2010, AW



**APPENDIX II**  
**TEMPORARY ROAD CLOSURE:**  
**96 AVENUE BETWEEN 164 STREET AND 176 STREET**

**ENGINEERING**  
**DEPARTMENT**

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GIS Mapping/GIS Mapnet  
Corporate Report 2010-10-10  
AW-96AVENUE-02-R-Closed