

## CORPORATE REPORT

NO: R183 COUNCIL DATE: October 5, 2009

#### **REGULAR COUNCIL**

TO: Mayor & Council DATE: October 2, 2009

FROM: General Manager, Engineering FILE: 1709-056/01

SUBJECT: Design Contract Award M.S. 1709-056 D1

Tynehead Pedestrian & Cycling Overpass across Highway #1 at 168 Street and Pioneer Greenway Pedestrian & Cycling Overpass across Highway #99 at

**Winter Crescent** 

#### RECOMMENDATIONS

The Engineering Department recommends that Council:

- 1. Award Consultant Design Agreement M.S. 1709-056 D1 to Associated Engineering (B.C.) Ltd. in the amount of \$522,599.70 (including GST) for the design of pedestrian and cycling overpasses across each of Highway No. 1 and Highway No. 99 as generally described in this report.
- 2. Set the expenditure authorization limit for design component of Consultant Design Agreement M.S. 1709-056 D1 at \$570,000.00 (including contingencies and GST); and
- 3. Authorize staff to include in the Consultant Design Agreement an option to retain Associated Engineering (B.C.) Ltd. to provide engineering services for the tender and construction of the overpasses at an estimated fee limit of \$318,360.40 (including GST).

### **SCOPE OF WORK**

In April 2009, the City received a commitment of \$7.5 million of provincial and federal funding as part of the Build Canada Infrastructure Program toward the construction of the bicycle paths and overpasses in Surrey. The application that resulted in this funding grant included 13 projects including proposals for two signature pedestrian/cycling overpasses (locations illustrated on Appendix I attached) as follows:

- 1. The Tynehead Overpass across Highway #1 at 168 Street; and
- 2. The Pioneer Greenway Overpass across Highway #99 at Winter Crescent.

Under the Build Canada Program guidelines, all projects that are funded through that Program must be completed and invoiced by March 31, 2011. To meet this tight timeline, the City has issued an RFP to retain a multi-faceted professional team including engineering, architectural, landscape architectural and public art experts for the design of the two bridges.

This team, through the Fall of 2009 and Winter of 2010 will work through a process of preliminary and detail design, public consultation and agency liaison and approval for these two landmark bridges. The bridges will be tendered for construction in the Spring of 2010 with completion of construction by March 2011, the Program deadline.

#### **DISCUSSION**

In accordance with the City's normal consultant selection process, the following firms were invited to submit proposals for this assignment:

Associated Engineering Ltd. Stantec Consulting Ltd. MMM Group Ltd. Buckland & Taylor Ltd.

#### **Evaluation of Proposals**

The proposals were evaluated using the following criteria:

- ♦ understanding of assignment
- ♦ experience relative to assignment
- ♦ performance record
- ♦ strength of project manager and team
- ♦ work plan and schedule
- ♦ familiarity with Surrey's procedures and practices
- ♦ local office availability

The proposal submitted by Associated Engineering (B.C.) Ltd. for this assignment best met the above evaluation criteria in comparison to the other proposals that were received and the fee schedule proposed by Associated Engineering Ltd. is considered reasonable for the type of work that is involved in this contract.

### **Optional Tender and Construction Phase to Contract**

The Engineering Department typically includes as an option in favour of the City within the design Engineering Agreement that allows the City to retain the same consultants to provide tender and construction services. This option would only be exercised if the consultants demonstrate satisfactory performance during the design phase.

## **FUNDING**

These bridge projects are being cost-shared on a 1/3, 1/3 basis between the Federal government, Provincial government and the City. The City's one-third share is available in the approved 2009 transportation budget.

### **SUSTAINABILITY CONSIDERATIONS**

The proposed pedestrian bridges will provide improved opportunity for cycling and safe pedestrian access through the City, which supports the Sustainability Charter's vision of efficiently moving people and goods, not just vehicles. The project will also enhance the public realm by utilizing off-street bicycle and pedestrian design standards that minimize the negative impacts of transportation facilities on communities, while providing appropriate infrastructure in support of the City's transportation needs. In particular, the project supports the Charter Scope actions related to:

- SC 13: Creating a Full Accessible City
- EN 13: Enhancing the Public Realm

Vincent Lalonde, P.Eng. General Manager, Engineering

VL/RB/brb

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### APPENDIX I

## **Tynehead Pedestrian Overpass**



# Pioneer Greenway Pedestrian Overpass



Produced by GIS Section: October 1, 2009, AW

Date of Aerial Photography: April 2008



## Tynehead & Pioneer Greenway Pedestrian Overpasses

GIS SECTION

The data provided is compiled from verious 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 excumbrances must be confirmed at the Land Title Office. Q \MAPPING\GIS\MAPS\
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