

CORPORATE REPORT

NO: R178 COUNCIL DATE: October 5, 2009

REGULAR COUNCIL

TO: Mayor & Council DATE: September 30, 2009

FROM: General Manager, Engineering PROJECT FILE: 1708-057/09

SUBJECT: Contract Award for Project Manager and Owner's Engineer for

Proposed Railway Overpass Design and Construction

RECOMMENDATIONS

The Engineering Department recommends that Council:

- 1. Approve the award of a contract to Trillium Business Strategies Inc. to provide engineering services related to the design and construction of railway overpasses and related road works under Consultant Agreement M.S. 1708-057 D5 at an estimated fee of \$1,747,830.00 (including GST); and
- 2. Set the expenditure authorization limit for this contract at \$1,921,000.00 (including contingencies and GST).

SCOPE OF WORK

Under this assignment, Trillium Business Strategies Inc. will act as Project Manager and Owner's Engineer for the design and construction of proposed railway overpasses at the following locations (also illustrated on the map attached as Appendix I):

Map Reference Number	Project	Location
1	1708-3080-00	152 Street Overpass / BC Railway
2	1709-3130-00	192 Street Overpass / BC Railway
3	1709-3140-00	196 Street Overpass / BC Railway

The subject overpasses are being implemented utilizing a Design/Build strategy with construction targeted for completion in 2014 at an estimated total cost of \$134 million.

BACKGROUND

In March 2006, Transport Canada commissioned the Roberts Bank Rail Corridor Road/Rail Interface Study. This study recommended the construction of nine road/rail grade separations along the Roberts Bank Rail Corridor. Subsequently, an Agreement in Principle was reached between 12 funding agencies in relation to funding the costs of construction of the overpasses. TransLink committed to undertake the role of Program Director and administrative lead of the

Program on behalf of the Partners. The municipalities, in which the respective grade separations are located, are designated as the Delivery Agents.

TransLink will be coordinating a public information process regarding the Program. We will be holding Public Open Houses for each of the grade separation projects in Surrey.

Proposal Submissions

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

Urban Systems Ltd.
Izett Engineering Ltd.
R.F. Binnie & Associates Ltd.
Sandwell Engineering Inc.
Trillium Business Strategies Inc.

Proposals were received from Trillium Business Strategies in association with R.F. Binnie & Associates and from Sandwell Engineering in association with Izett Engineering. Urban Systems Ltd. declined to submit a proposal.

Evaluation

The proposals were evaluated by City staff and the Ministry of Transportation using the following criteria:

- ♦ understanding of assignment
- ♦ experience relative to assignment
- ♦ strength of project manager and team
- ♦ work plan and schedule
- ♦ financial considerations

The Trillium proposal demonstrated the best understanding of the project requirements and their team has considerable experience with projects of a similar nature (including the 156 Street / Highway 1 Underpass design-build project that was recently completed successfully for Surrey). Their proposed fee is considered reasonable for the type of engineering assignment this project represents and was the lesser of the two fee proposals received.

Sustainability Considerations

The proposed railway overpasses will improve the efficient movement of traffic within Surrey and provide greater opportunity for cycling and pedestrian movement, supporting the Sustainability Charter's vision of efficiently moving people and goods, not just vehicles. The project will enhance the public realm by minimizing the negative impacts of train whistling. Traffic congestion and unnecessary vehicle idling will also be reduced, leading to a reduction in vehicle emissions. In particular, the project supports the Charter Scope actions related to:

- SC 13: Creating a Full Accessible City
- EN 13: Enhancing the Public Realm
- EC 16: Increased Transit and Transportation to Support a Sustainable Economy
- EN 11: Commitment to the Climate Change Action Plan

FUNDING

The estimated funding requirement for this assignment is \$1,748,000 including contingency. Initial funding is available from the Transportation Budget. This project falls under the Roberts Bank Rail Corridor Program with funding from Transport Canada, Ministry of Transportation, TransLink, Port Metro Vancouver, Langley City, Langley Township, and Surrey. Approximately 86% of the project costs including this contract will be recovered from other funding partners.

Vincent Lalonde, P.Eng. General Manager, Engineering

VL/KZ/PZ/brb:kd

Appendix I - Map of Proposed Railway Overpasses

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