



CITY OF VANCOUVER

ADMINISTRATIVE REPORT

Date: October 13, 2006
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VanRIMS No.: 03-1200-11
Meeting Date: October 31, 2006

TO: Vancouver City Council

FROM: General Manager, Engineering Services
Manager of Materials Management

SUBJECT: Award of Contract for RFP PS06086 -
Consulting Services for the Metro Core, False Creek Flats, East Fraserlands
and City of Vancouver Future Transportation Demand Modelling and
Analysis

RECOMMENDATION

- A. THAT, subject to the conditions set out in Recommendations B, C, and D, Council authorize a contract with Ward Consulting Group (a division of EBA Engineering Consultants Ltd.) to provide professional engineering services for the Metro Core, False Creek Flats, East Fraserlands and City of Vancouver future transportation demand modelling and analysis at an estimated cost of \$111,565, subject to a contract satisfactory to the Director of Legal Services, the General Manager, Engineering Services, and the Manager of Materials Management.

Funding of \$111,565 will be provided from existing 2006 operating funds as identified in the financial implications section of this report. All costs are to be paid out over a sixteen month period.

- B. THAT, the Director of Legal Services be authorized to execute and deliver on behalf of the City all legal documents required to implement Recommendation A.
- C. THAT, all such legal documents be on terms and conditions satisfactory to the General Manager, Engineering Services, Manager of Materials Management and the Director of Legal Services.

- D. THAT, no legal rights or obligations will be created by Council's adoption of Recommendation A, B and C above unless and until such legal documents are executed and delivered by the Director of Legal Services.

COUNCIL POLICY

Consultant agreements exceeding \$30,000 require Council Authorization. Contracts are to be awarded on the basis of best overall value for the City.

PURPOSE

The purpose of this report is to seek Council authority to engage Ward Consulting Group (a division of EBA Engineering Consultants Ltd.) to conduct Professional Engineering Services for the Metro Core, False Creek Flats, East Fraserlands and City of Vancouver future transportation demand modelling and analysis at an estimated maximum cost of \$111,565.

BACKGROUND

The City of Vancouver (COV) is currently undertaking four studies that require an understanding of transportation-related projections and issues over the next 25 years. The transportation modelling and analysis consultancy consists of the following five components:

a) East Fraser Lands Transportation Study

The City is currently developing an Official Development Plan for the East Fraser Lands area that will convert the existing industrial land uses to residential and some mixed use, thereby creating a new community of approximately 13,000 people and 400,000 square feet of new commercial and retail space. The consultancy will project major origin and destination patterns for the area following build-out and will examine a number of transit service scenarios.

b) Mode Share Projections, Fuel Price Sensitivity and Greenhouse Gas Emissions Study

The City's Transportation Plan, approved in 1997, established 2021 mode share targets for the City. A recently completed progress report on the Plan and transportation trends in Vancouver indicates that many of the 2021 targets have been surpassed. Although a new Transportation Plan for the City is required, it will likely take some time before a program is established to develop a new plan. In the interim, this consultancy will develop some new projections for 2021 and interim projections for 2011, based on the City's existing plans for land use and the transportation network and recent transportation trends. The consultancy will also provide insight into how future fuel price trends will influence transportation demand.

In addition, as part of the City's Community Climate Change Action Plan, the consultancy will assist staff in developing and evaluating options for reducing Vancouver's greenhouse gas emissions by 10% below a 'business-as-usual' scenario for 2012. This reduction target will be achieved by reducing the total distance traveled by Vancouver registered light duty vehicles (such as cars and light trucks).

c) **Metropolitan Core Jobs and Economy Land Use Plan**

The City has undertaken a major planning study for the City's Metropolitan Core. The purpose of this study is to develop a land use plan that extends to 2031 that will accommodate future growth and change in jobs and economic activity in the Core. The consultancy will assist staff in examining the transportation infrastructure and service required to serve this growth and help identify opportunities to structure the land use in a way that makes more efficient use of our transportation system. The Metro Core study area includes the Downtown Peninsula, and the area south of False Creek to 16th Ave., between Burrard and Clark.

d) **False Creek Flats Transportation and Land Use Study**

The City is currently undergoing a long-term planning process for the False Creek Flats to explore and understand the land use and transportation opportunities that exist in this industrial area. The consultancy will examine various network changes in this area and examine the demand generated by land use changes in this area that arise from the broader Metro Core study. The study area is bounded by Main and Clark, between Prior/Venables and Great Northern Way. Much of the analysis required for the False Creek Flats will be done in conjunction with work from the Metro Core Jobs and Economy study.

e) **Staff Training**

The EMME/2 transportation model is a sophisticated tool used region-wide to model how land use and the demographic fabric of an urban area generate and influence transportation demand and patterns. The aim of this training is to help educate staff, so that they may use EMME/2 more effectively in their technical analysis and decision making.

DISCUSSION

On August 23, 2006, the City issued a Request for Proposals (RFP PS06086) for Consulting Services for the Metro Core, False Creek Flats, East Fraserlands and City of Vancouver future transportation demand modelling and analysis. In addition to notifying incumbent suppliers to the City and other well known vendors, the RFP was placed on the City's and BC Purchasing Commission's website.

Proposals for this transportation modelling and analysis project were submitted by Ward Consulting Group, Delcan, UMA-AECOM and Steer Davies Gleave on September 19, 2006.

The General Manager of Engineering Services and the Manager of Materials Management developed a matrix to compare the three proposals. The matrix compared the proponents' project teams, general proposal contents, proposal details and cost. Proponents were scored out of a total of 100 points.

A review team composed of Engineering Services staff evaluated the technical aspects of the proposals. The review team ranked Ward Consulting Group's proposal superior to the other three proposals. Ward Consulting Group proposed a project budget of \$111,565. Ward Consulting Group's overall proposal score including project cost was the highest of the four proposals, therefore the evaluation review team was unanimous in recommending that Ward Consulting Group be retained for the project.

FINANCIAL IMPLICATIONS

Funding for this consultancy will come from a number of existing sources within the 2006 operating budget, as follows:

Source of funds	Amount
Metro Core Jobs and Economy Study Consulting Budget (RTS 4277)	\$40,000
False Creek Flats Study Consulting Budget (RTS 3905)	\$15,000
East Fraserlands ODP and Phase 1 Rezoning Cost Recovery Budget (RTS 4879)	\$20,000
Transportation Division 2006 Operating Budget	\$11,565
Sustainability Group - Community Climate Change Action Plan Operating Budget	\$15,000
Community Services 2006 Operating Budget	\$10,000
Total	\$111,565

CONCLUSION

Accordingly, we recommend acceptance of the response offering the overall best value to the City and entering into a contract with Ward Consulting Group for consulting services for the Metro Core, False Creek Flats, East Fraserlands and City of Vancouver future transportation demand modelling and analysis at an estimated cost of \$111,565.

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