



CITY OF VANCOUVER

ADMINISTRATIVE REPORT

Date: June 3, 2005  
Author: Paul Henderson  
Phone No.: 604.940.3201  
RTS No.: 05198  
CC File No.: 1805  
Meeting Date: June 16, 2005

TO: Standing Committee on City Services and Budgets

FROM: General Manager, Engineering Services  
Manager of Materials Management

SUBJECT: Award of Contract for RFP PS05011 Vancouver South Transfer Station  
Infrastructure Review Professional Services

**RECOMMENDATION**

- A. THAT, subject to the conditions set out in Recommendation B, Earthtech Canada Inc. be retained at a maximum cost of \$124,960 plus GST to conduct the Vancouver South Transfer Station (VSTS) Infrastructure Review. Financing for this project has been included in the 2005 VSTS Operating Budget.
- B. THAT no legal rights or obligations will arise and no consents, permissions, leases or licences are granted by the above and none will arise or be granted unless and until all contemplated legal documentation has been (a) approved as to form by the Director of Legal Services, the General Manager of Engineer Services and the Manager of Materials Management, and (b) executed and delivered by the Director of Legal Services on behalf of the City.

**Policy**

Consultant agreements exceeding \$30,000 require Council Authorization.

New building construction must meet LEED Gold standard.

## Purpose

The purpose of this report is to seek Council authority to engage Earthtech Canada Inc. to conduct a Vancouver South Transfer Station Infrastructure Review at a maximum cost of \$124,960 plus GST.

## Background

The City of Vancouver owns and operates the Vancouver South Transfer Station (VSTS) at 377 West Kent Avenue North in Vancouver. On July 26, 2001, based on a recommendation from the General Manager of Engineering Services, Council approved an infrastructure review at VSTS. The budget for the project was \$125,000 to be funded from VSTS Operating budget.

The goal of the review is to determine infrastructure requirements to manage increasing traffic at VSTS and to provide additional waste reduction and recycling opportunities. Options that will be investigated include building a new facility or upgrading VSTS by adding additional infrastructure. If VSTS is upgraded rather than replaced, the existing building will need to be upgraded to reduce offsite odours, improve indoor air quality and improve health and safety systems.

In December 2004, the General Manager of Engineering Services sought expressions of interest from consultants with expertise in solid waste management, traffic management, health and safety, architecture, mechanical engineering, structural engineering, mechanical engineering and electrical engineering. CH2M Hill, Earthtech Canada Inc. (Earthtech) and Omicron submitted qualified expressions of interest.

In February 2005, the General Manager of Engineering Services and the Manager of Materials Management sought proposals from CH2M Hill, Earthtech and Omicron.

## Discussion

Proposals for the Vancouver South Transfer Station Infrastructure Review were submitted by CH2M Hill, Earthtech and Omicron on March 23, 2005.

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 Earthtech's proposal superior to the other two proposals. Earthtech proposed a project budget of \$124,960 plus GST. The other two proposal prices were \$124,995 and \$176,369 plus GST respectively. Based on the proposal review it is therefore recommended the Earthtech be retained for the project.

## Financial Implications

Funding for the Infrastructure Review has been included in the 2005 VSTS Operating Budget. The VSTS Operating Budget is funded by users of VSTS including the Solid Waste Utility

through garbage tipping fees. The Solid Waste Utility pays approximately 25% of the operating cost of VSTS.

The General Manager of Engineering Services expects that upgrades to VSTS may cost in excess of \$10,000,000. Upgrades to VSTS would be funded through garbage tipping fees. VSTS upgrades may impact other operations at Manitoba Yards as it is expected that VSTS will require additional space. Costs to replace displaced operations will be determined as part of the Infrastructure Review. Proposed upgrades and costs will be reported to Council once the Infrastructure Review is complete.

### **Environmental Implications**

Upgrading VSTS will reduce environmental impacts of the facility in a number of ways. Improving the building ventilation system will reduce offsite odours during summer months. Improved traffic management will reduce wait times at the facility reducing greenhouse gas emissions caused by vehicle idling. Increasing waste reduction and recycling opportunities will reduce the amount of solid waste requiring disposal. The Infrastructure Review will include an analysis of sustainability issues such as opportunities to reuse the existing buildings and construction requirements to meet LEED Gold standard.

\* \* \* \* \*