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ADMINISTRATIVE REPORT

Report Date: January 18, 2010
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RTS No.: 7763
VanRIMS No.: 08-2000-20
Meeting Date: February 2, 2010

TO: Vancouver City Council

FROM: General Manager of Engineering Services and
Manager of Supply Management

SUBJECT: Award of RFP PS09127 - Consulting Services for Pit Wall Repairs at the
Vancouver South Transfer Station

RECOMMENDATION

- A. THAT, subject to the conditions set out in Recommendations B, C, and D, Council authorize a contract with McElhanney Consulting Services Ltd. to provide Consulting Services for the repair of the pit walls at the Vancouver South Transfer Station at an estimated cost of \$56,723 (including disbursements) plus applicable taxes; source of funds to be the previously approved Pit Wall Repairs Project Budget;
- 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 of Engineering Services, the Manager of Supply Management and the Director of Legal Services; and
- D. THAT no legal rights or obligations will be created by Council's adoption of Recommendations A, B and C above unless and until such legal documents are executed and delivered by the Director of Legal Services.

GENERAL MANAGER'S COMMENTS

The General Manager of Engineering Services RECOMMENDS approval of A to D.

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 McElhanney Consulting Services Ltd. to provide consulting services for detailed design and construction monitoring of the pit wall repairs at the Vancouver South Transfer Station at a total estimated maximum cost of \$56,723 (including disbursements) plus applicable taxes.

BACKGROUND

The City of Vancouver owns and operates the Vancouver South Transfer Station ("VSTS") located at 377 West Kent Avenue North in Vancouver. The VSTS was built to provide a convenient drop-off location for Vancouver residents and commercial haulers as well as to reduce traffic flow along the roadways in Delta leading to the Landfill. Garbage from Vancouver and neighbouring communities is dropped off at the Transfer Station and then loaded into tractor-trailers for delivery to the Landfill.

The VSTS handles over 200,000 tonnes of municipal solid waste each year. In 2003, an inspection report was completed by a consultant who evaluated the structural, mechanical and electrical components of the facility. An update to the 2003 Vancouver South Transfer Station Inspection Report was completed in 2008 to assess any changes noted from 2003. The 2008 report contained a detailed plan and work schedule, including routine inspections, for capital repairs and preventive maintenance for all aspects of the facility over the next 5 years. The major item that was identified during the 2008 inspection was the need to repair the pit walls.

Municipal solid waste is dumped into a pit and pushed by a CAT D8 bulldozer up a ramp into a drop chute to load the tractor trailers. Over the years, the pit walls have sustained damage from daily operations and require repairs. Within the pit, heavy steel plates have been bolted to the wall to minimize damage from the bulldozer. In both the 2003 and 2008 inspection reports, the consultant noted observations of staining on the outside of the pit wall in a pattern indicating possible corrosion of the structural rebar within the wall.

The City has a need for engineering consulting work with regards to the pit wall repairs at the VSTS. The need is for a structural assessment of the extent of damage, including recommendations for repairs, detailed design of repair solutions, and design support including inspection during construction (construction will be carried out by others).

DISCUSSION

On October 6, 2009, the Manager of Supply Management sought proposals for Consulting Services for Pit Wall Repairs at the Vancouver South Transfer Station (the "Project") through a Request For Proposals process (PS09127) which closed on October 27, 2009. In addition to notifying known vendors, the RFP was publicly posted on the City's and BC Bid's websites. One proposal was received and reviewed by the interdepartmental staff evaluation team (comprised of representatives from Engineering Services and Supply Management). McElhanney Consulting Services Ltd.'s ("McElhanney") proposal reflected a thorough understanding of the Project objectives and technical requirements and clearly laid out their approach to the Project. Table 1 outlines the project costs as submitted by McElhanney and includes essential work plan items, conditional items, and disbursements. The conditional

items may or may not be done depending on the results of the laboratory testing that will be carried out (i.e. dependent on the extent of existing internal damage).

Table 1. Outline of McElhanney's Proposal Costs

Item	Cost, including Disbursements
Essential Work plan Items	\$47,543
Conditional: Structural Analysis and Evaluation	\$ 2,988
Detailed Design of Alternative Protection System to Wall Plates	\$ 6,192
Total Cost Including Conditional Items and Disbursements	\$ 56,723

Through the evaluation review process, it was determined by the evaluation team that McElhanney's proposal met the City's requirements and was determined to be best value for the City. Accordingly, the evaluation team was unanimous in recommending that McElhanney be retained for this project.

FINANCIAL IMPLICATIONS

The recommended contract with McElhanney to provide Consulting Services for the Repair of the Pit Walls at the Vancouver South Transfer Station is estimated at \$56,723 (including disbursements) plus applicable taxes, and will be funded from the previously approved Pit Wall Repairs Project budget of \$500,000. This budget was approved in October 2008 (RTS 07625) with funding as a loan from the Capital Financing Fund (Solid Waste Capital Reserve) to be repaid by the various users of the Landfill at an annual interest rate to be set by the Director of Finance.

CONCLUSION

Following an RFP process and the evaluation of the proposal received, the General Manager of Engineering Services recommends that the contract for Consulting Services for Pit Wall Repairs at the Vancouver South Transfer Station be awarded to McElhanney Consulting Services Ltd. McElhanney's proposal provides best value to the City for the required scope of work at an estimated cost of \$56,723 (including conditional items and disbursements) plus applicable taxes with funding provided from the Solid Waste Capital Reserve.

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