



## CITY OF VANCOUVER

### ADMINISTRATIVE REPORT

Report Date: September 13, 2007  
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Meeting Date: October 2, 2007

TO: Vancouver City Council

FROM: General Manager of Engineering Services  
Manager of Materials Management

SUBJECT: AWARD OF TENDER PS07017 - THE SUPPLY & DELIVERY OF FIVE (5)  
COMBINATION SEWER TRUCKS

#### RECOMMENDATION

- A. THAT, subject to the conditions set out in Recommendations B, C, and D, Council authorize the General Manager of Engineering Services and the Manager of Materials Management to award to the low bid meeting specifications and providing best value from Crocker Equipment for five 2007 model year Camel combination sewer trucks, at a total cost of \$1,659,061, plus the Provincial Sales tax, the Goods and Services Tax (less any municipal rebate received) and the Provincial Environmental Levy, subject to a contract satisfactory to the Director of Legal Services.
- 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, 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.

- E. THAT, funding for the purchase described in Recommendation A be provided from the Truck and Equipment Plant Account.

### COUNCIL POLICY

The policy of Council is to secure contracts for the purchase of equipment, supplies and services that will give the best value, based on quality, service and price.

Contracts with a value over \$300,000 are referred to Council.

### DISCUSSION

Tenders for the above were opened on April 11, 2007 and referred to the General Manager of Engineering Services and the Manager of Materials Management for report.

The 7% Goods and Services Tax (less any municipal rebate received), Provincial Sales Tax and the Provincial Environmental Levy are in addition to all the prices shown in the report.

The tender called for pricing for five combination sewer trucks. In addition to notifying incumbent suppliers to the City and other well known vendors, the tender was advertised in the Vancouver Sun and on the City's and BC Purchasing Commission's website.

The combination sewer trucks are replacing five existing units used by Sewer Operations. The combination sewer trucks are specialized units that have the ability to flush out sewer lines and vacuum debris. General uses for the combination sewer trucks include the cleaning of catch basins, cleaning of pump stations, cleaning of sewer lines, vacuuming of flooded areas, and hydro-excavating, which is a feature that uses high pressure water and vacuum to excavate around utilities and in tight areas inaccessible to other excavating machines.

Nineteen bids were received from five vendors with base pricing ranging between \$288,373.20 and \$353,184.00 per truck (this covers all the received bids).

The evaluation of the nineteen bids started from the low bid (i.e., bid number 1), and progressed until a bid was found that met specifications. Bid 1 does not meet specifications because the gross vehicle weight rating (GVWR) of the truck is too low. Bid 2 is non-compliant because the vendor did not fill out the compliance table and the compliance declaration. Bid 3, from Crocker Equipment, is the lowest bid meeting specifications and is recommended.

A thorough evaluation and demonstration of the unit by operators, mechanics and procurement staff as well as follow up with references has been conducted. The results show that Bid 3 is the preferred machine in terms of meeting operational requirements and providing the best value to the City.

Sewer Operations and Equipment Services have also looked at the available options and decided that the powertrain upgrade, weigh scale, additional safety features and extra storage capacity will contribute to reduced maintenance costs as well as provide additional safety features. The powertrain upgrade is required in order to add extra reserve power to the truck which will enable the engine to work closer to its optimum efficiency and therefore,

reduce engine maintenance costs. The weigh scale will help operators to operate within the legal weight limit while optimizing trips to unload at the dump site. Additional safety features such as sight rods, warning lighting and vacuum protection enhance the safety for the operator and enable the truck to protect itself from damage. The behind cab toolbox, rear bumper storage, and extra tool boxes are required for operational storage reasons.

### **FINANCIAL IMPLICATIONS**

The existing units are scheduled for replacement in the 2005 and 2007 Equipment Replacement Programs. Funds of \$1,659,061 for five combination sewer trucks (\$295,780.20 each plus \$7,300 for powertrain upgrade, plus \$9,000 for weigh scale, plus \$232 for sight rods, plus \$4,000 for warning lighting, plus \$5,000 for vacuum protection, plus \$6,000 for behind the cab toolbox, plus \$2,500 for rear bumper storage, plus \$2,000 for extra toolboxes for a total unit price of \$331,812.20) will be provided from the Truck and Equipment Plant Account.

### **ENVIRONMENTAL IMPLICATIONS**

The replacement units continue to be diesel powered machines with the ability to use biodiesel; however, the new units meet 2007 EPA emission standards and are therefore significantly less polluting than the older units. The recommended units reduce emissions even further when compared to the existing trucks because they also do not use an auxiliary engine which has to meet less strict emission standards than the main chassis engine.

### **CONCLUSION**

Accordingly, we recommend acceptance of Bid 3, the lowest bid meeting specifications and offering best value from Crocker Equipment for five 2007 model year Camel combination sewer trucks at a total cost of \$1,659,061 which includes options for powertrain upgrade, weigh scale, sight rods, warning lighting, vacuum protection, behind the cab toolbox, rear bumper storage, and extra tool boxes.

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