

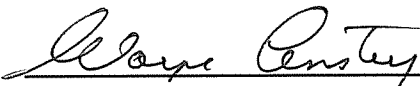
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PO Box 1749  
Halifax, Nova Scotia  
B3J 3A5 Canada

**Halifax Regional Council**  
**March 21, 2006**

**TO:** Mayor Kelly and Members of Halifax Regional Council

**SUBMITTED BY:**   
Wayne Anstey, Acting Chief Administrative Officer

**DATE:** March 10, 2006

**SUBJECT:** **Award of Tender No. 06-353,  
Fairfield Holding Tank - Cleaning and Inspection**

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**ORIGIN**

2005/06 Capital Budget

**RECOMMENDATION**

It is recommended that Regional Council award Tender No. 06-353, Fairfield Holding Tank - Cleaning and Inspection, to Atlantic Industrial Cleaners, a division of Envirosystems Inc., for materials and services listed at the unit prices quoted for a Tender Price of \$106,682 including net HST, from Capital Account CGI00616, Fairfield Holding Tank, Halifax, with funding authorized as per the Budget Implications section of this report.

## **BACKGROUND**

On July 5, 2005, Council awarded the Halifax Wastewater Management Study to CBCL Limited. Part of this study includes an assessment of the structural condition of the Fairfield Holding Tank. The long-term goal of this part of the Wastewater Management Plan is to reduce the frequency of overflows into the Northwest Arm receiving water body. The cleaning and inspection of the Fairfield Holding Tank is an important step in achieving this goal.

The Fairfield Holding Tank was constructed in the 1960s and is located near the St. Mary's Boat Club on the Northwest Arm. The tank was designed to retain a portion of the wet weather flows from combined sewers in the Jubilee Road area, and provide disinfection and grit removal prior to discharging sewage into the North West Arm Sewer. The holding tank is presently not operating and as a result, wet weather flows by-pass the tank and flow directly to the Northwest Arm sewer which in turn overflows at a number of locations, resulting in untreated sewage spilling into the waters of the Northwest Arm. Reimplementing storage capability at the Fairfield Holding Tank can reduce the volume and frequency of wet weather sewage overflows into the Arm.

Over the past number of years, sediment, sludge and debris have built up in the Fairfield Holding Tank. Stairways and safety railings have deteriorated to the point where they are unsafe to use. These factors make it difficult to safely enter the tank and do a detailed inspection.

Temporary access will have to be constructed, after which the accumulated material will be removed and disposed of; followed by a general cleaning of the tank. This will allow the holding tank to be inspected for structural defects and the specific condition of key components to be analysed. This information will be compiled and used to determine if this tank needs to be modified, repaired or replaced; and the most cost effective rehabilitation strategy to do so.

It is anticipated that any future capital work on the Fairfield Holding Tank can be funded from the Canadian Strategic Infrastructure Fund (CSIF).

## **DISCUSSION**

Tenders were called on February 4, 2006 and closed on February 21, 2006. The following four bids were received:

<b>ITEM</b>	<b>Atlantic Industrial Cleaners</b>	<b>Clean Harbors Canada</b>	<b>Industrial HydroVac</b>	<b>Matrix Environmental</b>
Fairfield Holding Tank - Cleaning and Inspection (before tax)	\$62,445	\$109,500	\$96,599	\$354,000
Reinstatement (before tax)	\$38,700	\$48,800	\$84,553	\$152,250
Sub-total (before tax)	\$103,145	\$158,300	\$181,152	\$506,250
<b>Total (including net HST)</b>	<b>\$106,682</b>	<b>\$163,728</b>	<b>\$187,363</b>	<b>\$523,609</b>
Weeks to completion	6	6	4	8

In spite of the large discrepancy in the bid prices, each of the bidders has proposed the same scope of work with only minor differences in the methodology. The plan is to utilize several liquid vacuum trucks to remove the material from the Fairfield Holding Tank. Material removed will be disposed of at the AeroTech Biosolids facility.

The lowest bid, received from Atlantic Industrial Cleaners (AIC), has met all the tendering requirements, and therefore staff recommends the award of Tender No. 06-353, Fairfield Holding Tank - Cleaning and Inspection, to Atlantic Industrial Cleaners. The total project cost including net HST is \$106,682.

It is anticipated that work will commence within a week of the tender award and will be completed within 6 weeks of that time.

### **BUDGET IMPLICATIONS**

Based on the lowest tendered price of \$103,145 plus \$3,537 for net HST, the total project cost is \$106,682. Funding is available in the Approved 2005/06 and 2006/07 Capital Budgets from Account No. CGI00616, Fairfield Holding Tank.

#### **Account No. CGI00616, Fairfield Holding Tank**

Cumulative Unspent Budget 2005/06	\$244,251
Less: <b>Tender 06-353</b>	<u>\$106,682</u>
Remaining Funds	\$137,569

The remaining funds will be used to implement future work on this infrastructure.

**FINANCIAL MANAGEMENT POLICIES/BUSINESS PLAN**

This report complies with the Municipality's Multi-Year Financial Strategy, the approved Operating, Capital and Reserve budgets, policies and procedures regarding withdrawals from the utilization of Capital and Operating reserves, as well as any relevant legislation.

**ALTERNATIVES**


Council could choose not to award this tender. Choosing not to proceed with this work would mean that the structural condition of the tank, including any possible structural defects and deficiencies, would not be known. Proceeding without this information would increase the number of unknowns and the potential for error when rehabilitating the tank; and would increase the risk of choosing an inappropriate (eg. ineffective or costly) rehabilitation method. This alternative is not recommended.

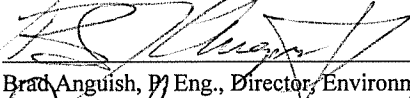
**ATTACHMENTS**


Map showing location of the Northwest Arm Sewer and Fairfield Holding Tank

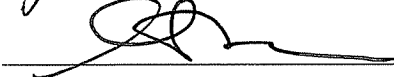
Copies of this report, and information on its status, can be obtained by contacting the Procurement Dept. at 490-4170, or Fax 490-6425

Report Prepared by: Charles Lloyd, P. Eng., Senior Environmental Engineer, 490-6942.

Report Approved by:   
John P. Sheppard, P. Eng., Manager, Environmental Engineering Services at 490-6958

Report Approved by:   
Brad Anguish, P. Eng., Director, Environmental Management Services at 490-4825

Report Approved by:   
Joan Broussard, MBA, Financial Consultant, Budget and Financial Analysis at 490-6267

Report Approved by:   
Catherine Sanderson, Acting Director, Finance 490-1562

