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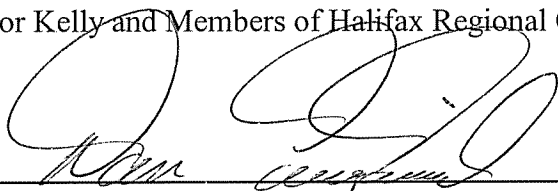


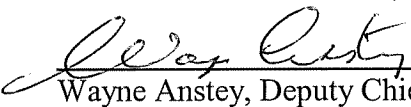
PO Box 1749  
Halifax, Nova Scotia  
B3J 3A5 Canada

Halifax Regional Council  
June 13, 2006

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

**SUBMITTED BY:**

  
\_\_\_\_\_  
Dan English, Chief Administrative Officer

  
\_\_\_\_\_  
Wayne Anstey, Deputy Chief Administrative Officer - Operations

**DATE:** May 29, 2006

**SUBJECT:** **Tender No: Award Tender 06-042**  
**Spryfield Wave Pool Dehumidification**

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**ORIGIN**

The Approved 2005/06 Capital Budget - Capital Account No. CB300551  
The Approved Advanced 2006/07 Capital Budget - Capital Account No. CB300864

**RECOMMENDATION**

**IT IS RECOMMENDED THAT COUNCIL** award Tender No: 06-042 Spryfield Wave Pool Dehumidification to Western Plumbing and Heating for materials and services specified, for a total tender price of \$248,214 including net HST, with funding in the amount of \$195,424 from Capital Account No. CB300864 and \$52,790 from Capital Account No. CB300551, as per the Budget Implications section of this report.

## **BACKGROUND**

The Captain William Spry Centre is a wave generating swimming pool. Swimming pools generate high humidity levels from the evaporation of pool water and a wave pool is a level of magnitude higher (in humidity generation) than a standard 25 metre pool.

The original dehumidification equipment was installed in 1985. The units failed two years ago and a replacement unit was required. These dehumidification units serve two main functions, client comfort and corrosion prevention. HRM engaged a consultant to determine the best approach to humidity control and a two year project was started in the 05/06 capital year. This consisted of mechanical work required in preparation of installing a dehumidification unit.

Dehumidification at the Spryfield Wave Pool will be performed using a dilution method, by installing an energy efficient heat recovery system with variable speed drives which will vary based on the Pool's relative humidity. Special construction products for this project were considered in order to ensure the product will withstand the harsh pool environment. A life cycle cost analysis was performed determining the most economical solution based on energy cost, life equipment cycle, and functionality.

## **DISCUSSION**

Tenders were publicly advertised on March 18, 2006 and March 22, 2006 and closed on April 29, 2006. Bids were received from the following bidders:

<b>Company</b>	<b>Lump Sum Price (Before net HST)</b>	<b>Total Cost (incl. net HST)</b>
Western Plumbing & Heating	\$239,985	\$248,214
Sayers & Associates Limited	\$246,254	\$254,698

## **BUDGET IMPLICATIONS**

Based on the lowest tendered price of \$248,214, including net HST, funding is available from Capital Account No.CB300864 in the amount of \$195,424 and Capital Account No. CB300551 in the amount of \$52,790. The budget availability has been confirmed by Financial Services.

### **Budget Summary: Capital Account No.CB300864 - Various Recreation Facilities Upgrades**

Cumulative Unspent Budget	\$ 199,355
Less: <b>Tender No. 06-042</b>	<u>\$ 195,424</u>
Balance	\$ 3,931

### **Budget Summary: Capital Account No.CB300551- Various Recreation Facilities Upgrades**

Cumulative Unspent Budget	\$ 91,467
Less: <b>Tender No. 06-042</b>	<u>\$ 52,790</u>
Balance	\$ 38,677

\*This was a multi-year project with an estimated budget of \$123,000 approved in the 2005/06 Capital Budget and an estimated budget of \$201,000.00 approved in the Advanced 2006/07 Capital Budget.

Any remaining funding for this project will be used for engineering costs associated with this project.

### **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**

Regional Council may choose to not approve this award. This is not the recommended alternative as it will result in reduced user comfort and accelerated deterioration of the facility due to excessive humidity levels.


### **ATTACHMENTS**

N/A

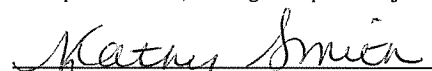
A copy of this report can be obtained online at <http://www.halifax.ca/council/agendasc/cagenda.html> then choose the appropriate meeting date, or by contacting the Office of the Municipal Clerk at 490-4210, or Fax 490-4208.

Report Prepared by: Wade Tarbox, Superintendent Facility Operations, TPWS (490-4824)

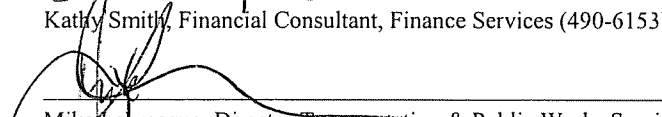
Business Unit Reviewed:

  
Phillip Townsend, Manager Capital Projects, TPWS (490-7166)

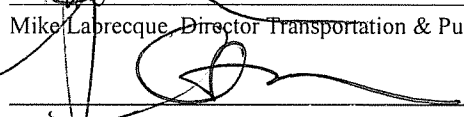
Financial Review:

  
Kathy Smith, Financial Consultant, Finance Services (490-6153)

Report Approved by:

  
Mike Labrecque, Director Transportation & Public Works Services (490-4855)

Financial Approval by:

  
Catherine Sanderson, Senior Manager, Financial Services