



PO Box 1749
Halifax, Nova Scotia
B3J 3A5 Canada

11.1.2

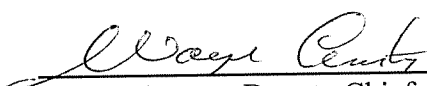
Halifax Regional Council
June 12, 2007

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY:



Dan English, Chief Administrative Officer



Wayne Anstey, Deputy Chief Administrative Officer - Operations

DATE: June 4, 2007

SUBJECT: **Award - Unit Price Tender No. 07-209, Paving Renewal, Storm Sewer, Watermain Replacement and Gas Line Installation, Spring Avenue (Mount Edward Road to Belle Vista Drive) - East Region**

ORIGIN

The Approved 2007/08 Capital Budget.

RECOMMENDATION

It is recommended that Council:

1. Increase Capital Project CSE00900 Underground Services, in the amount of \$46,143 with funding as a withdrawal from Q131 Energy and Underground Services Reserve;
2. Award Tender No. 07-209, Paving Renewal, Storm Sewer, Watermain Replacement and Gas Line Installation, Spring Avenue (Mount Edward Road to Belle Vista Drive) - East Region to Harbour Construction Company Limited for material and services listed at the unit prices quoted for a Total Tender Price of \$699,996.09 (net HST included) with funding as per the Budget Implications Section of this report.

BACKGROUND

The Approved 2007/08 Capital Budget includes funds for the Paving Renewal, Storm Sewer, Watermain Replacement and Gas Line Installation on Spring Avenue from Mount Edward Road to Belle Vista Drive, East Region.

In 2003, HRM completed a Wastewater Management Plan for the Ellenvale Sewershed. The plan was part of the requirements of the permit issued by Nova Scotia Environment and Labour for the Anderson Street Pumping Station and Ellenvale Holding Tank Project. The plan recommended HRM implement an infiltration and inflow (I/I) reduction program within the sewershed. Spring Avenue is located within the upper reaches of the Ellenvale Sewershed and the purpose of installing the deep storm sewer along Spring Avenue is to facilitate inflow reduction, and thereby reduce wet weather overflows at the Ellenvale Holding Tank.

Based on the Council approved Capital Projects Priority Rating Process for Stormwater and Wastewater projects, the Spring Avenue Storm Sewer is a Priority One Project as the work is required pursuant to the Anderson Street Pumping Station Project's environmental permit. In addition to its Priority One Rating, completing this work now will take advantage of the integrating the stormwater work with the street and water works, which will minimize disruption and minimize economies.

DISCUSSION

Tenders were called on April 21, 2007 and closed on May 4, 2007. Bids were received from the following companies:

<u>Name of Company</u>	<u>Bid Price (Net HST Included)</u>
Harbour Construction Company Limited	\$ 699,996.09*
J. R. Eisener Contracting Limited	\$ 703,977.08
Amber Contracting Limited	\$ 750,947.29
Ocean Contractors Limited	\$ 822,674.27
Brycon Construction Limited	\$ 842,993.93
Dexter Construction Company Limited	\$ 946,478.78
ACL Construction Limited	\$1,019,069.39

***recommended bidder**

The scope of work for this tender generally consists of the renewal of the asphalt curb with concrete curb and gutter, paving, adjustment of existing manholes, catchbasins, water valves and the replacement of no-corrode laterals where required, water main replacement, sewer and gas distribution piping.

It is anticipated that work will commence within one week of the tender award and take 12 weeks to complete.

This is a **UNIT PRICE** contract and the cost will be dependent upon the actual quantities measured and approved by the HRM Project Manager.

There are no Local Improvement Charges associated with this work.

BUDGET IMPLICATIONS

Based on the lowest tendered price of \$699,996.09, including net HST, funding is available in the Approved 2007/08 Capital Budget from Account Nos. CYU00784 - Paving Renewal Program, CGU00461 - Sewer Lateral Replacements, CGI00767 - Ellenvale Sewer Shed I/I Study, CSI00875 - Stormwater and Wastewater General Rehab, CSE00900 - Underground Services. The budget availability has been approved by Financial Services.

Budget Summary: **Capital Account No. CYU00784 - Paving Renewal Program**

Cumulative Unspent Budget	\$3,248,664
Plus: HRWC Cost Sharing	\$187,139
Less: Tender No. 07-209	<u>\$ 511,086*</u>
Balance	\$2,924,717

Capital Account No. CGU00461 - Sewer Lateral Replacements

Cumulative Unspent Budget	\$318,865
Less: Tender No. 07-209	<u>\$ 24,825**</u>
Balance	\$294,040

Capital Account No. CGI00767 - Ellenvale Sewershed I/I Study

Cumulative Unspent Budget	\$128,872
Less: Tender No. 07-209	<u>\$ 77,500**</u>
Balance	\$ 51,372

Capital Account No. CSI00875 - Stormwater and Wastewater General Rehab

Cumulative Unspent Budget	\$2,226,970
Less: Tender No. 07-209	<u>\$ 21,425**</u>
Balance	\$2,205,545

Capital Account No. CSE00900 - Underground Services

Cumulative Unspent Budget	\$19,017
Plus:	
Increase per Recommendation #1	\$46,143
Less: Tender No. 07-209	<u>\$65,160</u>**
Balance	\$ 0

* This project was estimated in the Approved 2007/08 Capital Budget at \$500,000. As a result of cost sharing with HRWC, the net cost to Capital Account No. CYU00784 is \$323,947.

**This portion of the project was estimated at \$40,000, \$66,600 and \$18,300 respectively.

***This portion of the project was estimated at \$73,000.

The balance of funds will be used to implement the remaining 2007/08 Paving Renewal projects approved by Council.

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. If approved, this will increase the 2007/08 Capital Budget.

ALTERNATIVES

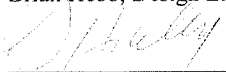
An alternative would be not to undertake the stormwater component of the work. If so, HRM would be in direct violation of the environmental permit conditions it received from NSEL for the Anderson St. Pumping Station Project.

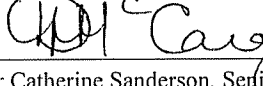
ATTACHMENT

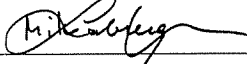
Letter of Agreement with Halifax Regional Water Commission (HRWC).

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

Report Prepared by: Brian Hebb, Design Engineering Technologist, Design & Construction Services at 490-6843

Report Approved by: 
David Hubley, P. Eng. Manager, Design & Construction Services at 490-4845

Financial Approval by: 
For Catherine Sanderson, Senior Manager, Financial Services at 490-1562

Report Approved by: 
Mike Labrecque, P. Eng., Director, Transportation and Public Works at 490-4855

BH/pm



PO Box 1749
Halifax, Nova Scotia
B3J 3A5 Canada

MEMORANDUM

TO: Harold MacNeil, P.Eng., Halifax Regional Water Commission

CC: Jeff Spares, P.Eng., Sr. Design Engineer, Design & Construction
David Hubley, P.Eng., Manager, Design & Construction

FROM: Peter Lynds, P.Eng., Design Engineer, Design & Construction

DATE: May 14, 2007

SUBJECT: **Tender No. 07-209 - Paving Renewal, Storm Sewer, Watermain Replacement and Gas Line Installation, Spring Avenue (Mount Edward Road - Belle Vista Drive), East Region**

The above tender closed May 4, 2007, and prior to tender award, a cost sharing agreement must be finalized between HRM and HRWC. The bid comparison summary, which you have received, indicates that Harbour Construction Company Limited is the low bidder.

In the most recent discussions on this subject, HRWC has agreed to pay 50% of the cost of the reinstatement. This includes the cost of the asphalt and gravel over the length of the water main and across the reinstatement width. Since gravels are included in the water main item, gravel costs are not included in the calculations below. Based on these unit prices, HRWC's share of reinstatement costs is as follows:

Spring Avenue (Mount Edward Road - Belle Vista Drive)

Reinstatement Area	466 m x 2.8 m	=	1305 m ²
Cost for Type B Asphalt	1305 m ² x \$20.00/m ²	=	\$26,100.00
Cost for Type C Asphalt	1305 m ² x \$14.00/m ²	=	<u>\$18,270.00</u>
	Subtotal	=	\$44,370.00
	50% Share of Reinstatement Costs	=	\$22,185.00

Based on the low bidder's tender prices and the above cost sharing, HRWC's costs for Tender No. 07-209 can be summarized as follows:

Water Main Renewal		\$158,750.00
Reinstatement Cost Sharing		<u>\$ 22,185.00</u>
	Subtotal	\$180,935.00
Net HST		\$ 6,204.26
Total Water Main		<u>\$187,139.00</u>

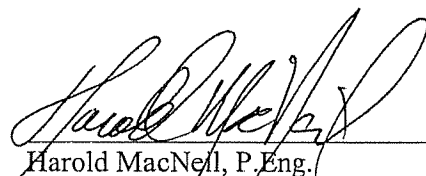
Actual cost sharing for this project will be based on final quantities determined during construction.

If you agree to this arrangement, please indicate to signing the enclosed copy and returning it to me. If you have any questions, please call me at 490-6898.

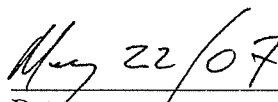
Thank you,

Peter Lynds, P.Eng.
Design Engineer

PL/pm



Harold MacNeil, P.Eng.
Halifax Regional Water Commission



Date

H:\ENG\wp\DESIGNSR\DESIGN\Memo\Memo-HRWC-CostShare07-209-pl wpd