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Halifax, Nova Scotia  
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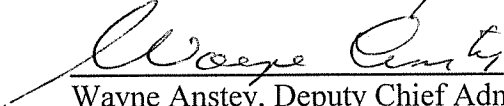
Item No. 11.1.7

Halifax Regional Council  
April 7, 2009

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY:

  
Dan English, Chief Administrative Officer

  
Wayne Anstey, Deputy Chief Administrative Officer - Operations

DATE: March 18, 2009

SUBJECT: **Award - Unit Price Tender No. 09-224, Pavement Renewal Glenwood Avenue - East Region**

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**ORIGIN**

The Approved 2008/09 Capital Budget.

**RECOMMENDATIONS:**

It is recommended that Council:

1. Approve a budget increase of \$341,420.11 (net HST included) to Capital Account No. CYU01081 - Paving Renewal Program, funded through cost sharing with Halifax Water (HW).
2. Award Tender No. 09-224, Proposed Pavement Renewal, Glenwood Avenue (Somerset St. to Prince Albert Rd.) - East Region to Amber Contracting Limited for a Total Tender Price of \$618,612.99 (net HST included) with funding from Capital Account No. CYU01081 - Paving Renewal Program, as outlined in the Budget Implications section of this report.

## **BACKGROUND**

The Approved 2008/09 Capital Budget includes funds for the paving renewal, water main renewal, and sewer repairs to Glenwood Avenue from Somerset Street to Prince Albert Road.

## **DISCUSSION**

Tenders were called on February 25, 2009 and closed on March 11, 2009. Bids were received from the following companies:

<b><u>Name of Company</u></b>	<b><u>Bid Price (net HST included)</u></b>
Amber Contracting Ltd.	\$618,612.99*
Sackville Trenching Ltd.	\$651,699.92
ACL Construction Ltd.	\$663,450.49
Brycon Construction Ltd.	\$695,042.88
Dexter Construction Company Ltd.	\$695,146.31
W. Eric Whebby Ltd.	\$698,559.47
J. R. Eisener Contracting Ltd.	\$703,303.75
Harbour Construction Company Ltd.	\$754,426.64
Ocean Contractors Ltd.	\$963,916.91
Lafarge Canada Inc.	\$968,612.59

### **\*recommended bidder**

The scope of work for this tender generally consists of removing the existing asphalt, and replacing it with a new asphalt surface, removal of asphalt curb and replacement with concrete curb and gutter, water main renewal, and sewer repairs work.

It is anticipated that work will commence within three weeks of the tender award and take 14 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 \$618,612.99 (net HST included), funding is available in the Approved 2008/09 Capital Budget from Capital Account No. CYU01081 - Paving Renewal Program. The budget availability has been confirmed by Financial Services.

**Budget Summary:**                      **Capital Account No. CYU01081, Paving Renewal Program**

Cumulative Unspent Budget	<b>\$3,795,506</b>
<b>Plus: HW Cost Sharing</b>	<b>\$ 341,420</b>
<b>Less: Tender No. 09-224</b>	<b><u>\$ 618,613*</u></b>
Balance	<b>\$3,518,313</b>

\* This project was estimated in the Approved 2008/09 Capital Budget at \$395,000. As a result of cost sharing from Halifax Water, the net cost to Capital Account No. CYU01081 is \$277,193.

Any remaining funds will be used to complete other paving renewal program projects.

### **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 2008/09 Capital Budget.

### **ALTERNATIVES**

There are no recommended alternatives to this course of action.

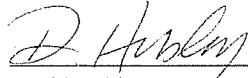
### **ATTACHMENT**

Halifax Water - Cost Share Agreement.

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.

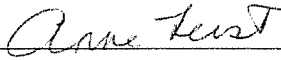
Report Prepared by: Jamie Wile, Design Engineering Technologist, Design & Construction Services at 490-6869

Report Approved by:



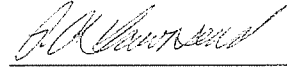
David Hubley, P. Eng. Manager, Design & Construction Services at 490-4845

Financial Approval by:



Anne Feist, Operations Manager, Procurement at 490-4200

Report Approved by:



Phillip Townsend, A/Director, Infrastructure and Asset Management at 490-7166

JW/rcm



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**MEMORANDUM**

**TO:** John Eisnor, P.Eng., Project Engineer, Halifax Regional Water Commission (HRWC)

**CC:** David Hubley, P.Eng., Manager, Design & Construction Services, IAM  
 Jamie Hannam, P.Eng., MBA, HRWC  
 Jeff Spares, P.Eng., Sr. Design Engineer, Design & Construction Services, IAM

**FROM:** John Fawcett, P.Eng., Design Engineer, Design & Construction Services, IAM

**DATE:** March 19, 2009

**SUBJECT:** **Tender No. 09-224, Glenwood Avenue (Somerset Street to Prince Albert Road) Pavement Resurfacing, Water Main and Sewer Repairs) - East Region**

Tender No. 09-224, Glenwood Avenue (Somerset Street to Prince Albert Road) Pavement Resurfacing, Water Main and Sewer Repairs - East Region, closed Wednesday March 11, 2009. Prior to tender award, a cost sharing agreement must be finalized between the Halifax Regional Municipality (HRM) and Halifax Water (HW).

Enclosed is a bid comparison summary for the items associated with the water main and sewer work for this project. This is from the lowest bidder, Amber Contracting Limited.

In the most recent discussions on this subject, HW has agreed to pay for the water main work and sewer system repairs, and 50% of the asphalt reinstatement cost relating to their work, which (based on the unit prices) is as follows:

A. Watermain, Sewer System Repairs, Miscellaneous

Cost for 200 mm diameter Water Main Pipe	680 m x \$230.00/m x 100%	= \$156,400.00
Cost for installation of Fire Hydrants	5 x \$7,300.00/ea. x 100%	= \$ 36,500.00
Cost for 200 mm diameter Gate Valves	11 x 1,600.00/ea. x 100%	= \$ 17,600.00
Cost for 19 mm diameter Service Fittings	3 x \$220.00/ea. x 100%	= \$ 660.00
Cost for 19 mm diameter Service Pipe	30 m x \$115.00/m x 100%	= \$ 3,450.00
Cost for 19 mm diameter Service Re-Connections	77 x \$350.00/ea. x 100%	= \$ 26,950.00
Cost for Connectors to Existing Main	6 x \$1150.00/ea. x 100%	= \$ 6,900.00
Cost for Temporary Water Service	1 x \$34,000.00/LS x 100%	= \$ 34,000.00
Cost for Pipe Sleeve (Encasement Pipe)	6 x \$450.00/m x 100%	= \$ 2,700.00
Cost for 375 mm diameter Catchbasin Lead Pipe	19 m x \$400.00/m x 100%	= \$ 7,600.00
Cost for Stormwater Main Spot Repair	1 x \$2,300.00/ea. x 100%	= \$ 2,300.00
Cost for Trench Excavation - Unsuitable Material	100 m <sup>3</sup> x \$11.00/m <sup>3</sup> x 100%	= \$ 1,100.00
	<b>Subtotal</b>	<b>= \$296,160.00</b>

**Infrastructure & Asset Management - Design & Construction Services**

*Facilities Planning/  
 Capital Projects*

*Regional Transportation Planning*

*Real Property/  
 Parks Planning*

*Sustainable Environmental  
 Management Office (SEMO)*

Tel: (902) 490-6824

Fax: (902) 490-4858

E-Mail: fawcettj@halifax.ca

Website: www.halifax.ca

B. Reinstatement over Water Main

Reinstatement Area (Cost Shared with HW and HRM): 2.8 m x 680 m = 1904 m<sup>2</sup>

Cost for Type C-HF Asphalt - 40 mm Thick	1,904 m <sup>2</sup> x \$12.00/m <sup>2</sup> x 50%	= \$ 11,424.00
Cost for Type B-HF Asphalt - 50 mm Thick	1,904 m <sup>2</sup> x \$15.50/m <sup>2</sup> x 50%	= \$ 14,756.00
Cost for Cold Planing	1,904 m <sup>2</sup> x \$5.50/m <sup>2</sup> x 50%	= \$ 5,236.00
Cost for Fine Grading of Road Surface	1,904 m <sup>2</sup> x \$2.30/m <sup>2</sup> x 50%	= \$ 2,189.60
<b>Subtotal</b>		<b>= \$ 33,605.60</b>

C. Reinstatement over Storm Sewer Repairs

Reinstatement Area (Cost Shared with HW and HRM): 1 m x 19 m = 19 m<sup>2</sup>

Cost for Type C-HF Asphalt - 40 mm Thick	19 m <sup>2</sup> x \$12.00/m <sup>2</sup> x 50%	= \$ 114.00
Cost for Type B-HF Asphalt - 50 mm Thick	19 m <sup>2</sup> x \$15.50/m <sup>2</sup> x 50%	= \$ 147.25
Cost for Cold Planing	19 m <sup>2</sup> x \$5.50/m <sup>2</sup> x 50%	= \$ 52.25
Cost for Fine Grading of Road Surface	19 m <sup>2</sup> x \$2.30/m <sup>2</sup> x 50%	= \$ 21.85
<b>Subtotal</b>		<b>= \$ 335.35</b>

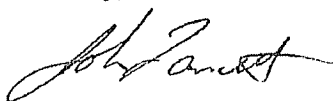
Based on the bidder's tender prices and the above cost sharing, HW's costs for Tender No. 09-224, Glenwood Avenue (Somerset Street to Prince Albert Road) Pavement Resurfacing, Watermain and Sewer Repairs - East Region, can be summarized as follows:

(A) Watermain, Sewer System Repairs, Miscellaneous	\$296,160.00
(B) Reinstatement over Water Main	\$ 33,605.60
(C) Reinstatement over Sewer System Repairs	\$ 335.35
<b>Subtotal</b>	<b>\$330,100.95</b>
<b>Net HST (i.e. 3.429%)</b>	<b>\$ 11,319.16</b>
<b>Total</b>	<b>\$341,420.11</b>

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

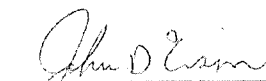
If you agree to this arrangement, please indicate by signing the enclosed copy and return it to my attention. If you have any questions, please call me at 490-6824.

Sincerely,



John Fawcett, P.Eng.  
Design Engineer

JF/pm

  
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John Eisnor, P.Eng.  
Halifax Water

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Date Mar. 19/09.