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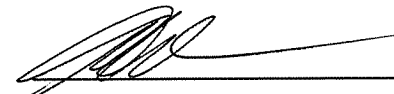


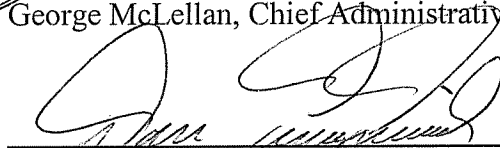
PO Box 1749  
Halifax, Nova Scotia  
B3J 3A5 Canada

**Halifax Regional Council**  
**May 24, 2005**

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

**SUBMITTED BY:**

  
George McLellan, Chief Administrative Officer

  
Dan English, Deputy Chief Administrative Officer

**DATE:** May 13, 2005

**SUBJECT:** **Award of Unit Price Tender No. 05-219, Paving Renewal, Water Main Renewal, Sewer Upgrade and Gas Line Installation, Rose Street - East Region**

**ORIGIN**

The Approved 2005/06 Capital Budget.

**RECOMMENDATIONS**

It is recommended that Halifax Regional Council:

1. Approve an increase in the Gross Budget for Capital Account No. CYU00716, Paving Renewal Program, by \$81,375, to reflect cost sharing of the cost of the water main renewal on Rose Street with no change in the Net Budget.
2. Approve an increase in the Gross Budget for Capital Account No. CYU00716, Paving Renewal Program, by \$23,248, to reflect cost sharing to cover the cost of the gas line installation on Rose Street with no change in the Net Budget.
3. Award Tender No. 05-219, Paving Renewal, Water Main Renewal, Sewer Upgrade and Gas Line Installation, Rose Street - East Region to Harbour Construction Company Limited for materials and services listed at the unit prices quoted for a Tender Price of \$294,307 including net HST from Capital Account No. CYU00716 Paving Renewal Program and Capital Account No. CGU00461 Sewer Lateral Replacements, with funding authorized as

## **BACKGROUND**

The Approved 2005/2006 Capital Budget included funds for the Pavement Renewal of Rose Street from Beech Street to End.

The Approved 2004/05 Capital Budget included funds for the replacement of sanitary laterals which are in poor condition on Rose Street from Beech Street to End.

## **DISCUSSION**

Tenders were called on April 16, 2005 and closed on April 29, 2005. The following bids, exclusive of taxes, were received:

	<b><u>Bid Price</u></b>
1. Harbour Construction Company Limited	\$284,550.00
2. Brycon Construction Limited	\$307,000.00
3. Sackville Trenching	\$311,801.50
4. Ocean Contractors Limited	\$337,285.00
5. Dexter Construction Company Limited	\$369,202.00
6. ACL Construction Limited	\$374,442.50
7. Amber Contracting Limited	\$390,192.00

The scope of work for this tender generally consists of replacing the existing curb with concrete curb and gutter, renewing the pavement, replacing the sanitary sewer (Oak Street to End), installing a new sanitary manhole, replacing the water main, and installing a new gas line complete with laterals.

It is anticipated that work will commence within three weeks of the tender award.

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 \$284,550, plus net HST for a total project cost of \$294,307, funding is available in the Approved 2005/06 Capital Budget from Account No. CYU00716, Paving Renewal Program, in the Approved 2004/05 Capital Budget from Account No. CGU00461, Sewer Lateral Replacements and from cost sharing with Halifax Regional Water Commission and Heritage Gas. The budget availability has been confirmed by Financial Services.

**Budget Summary: Account No. CYU00716, Paving Renewal Program**

Cumulative Unspent Budget	\$3,185,446
Plus: HRWC Cost Sharing 05-219	\$ 81,375
Plus: Heritage Gas Cost Sharing 05-219	\$ 23,248
Less: <b>Tender 05-219</b>	<u>\$ 274,759*</u>
Balance of Account	\$3,015,310

**Account No. CGU00461, Sewer Lateral Replacements**

Cumulative Unspent Budget	\$ 165,038
Less: Tender 05-219	<u>\$ 19,548</u>
	\$ 145,490

\*This project was estimated in the Approved 2005/06 Capital Budget at \$270,000.

The remaining funds from Account No. CYU00716 are required to implement the remaining 2005/06 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.

**ALTERNATIVES**

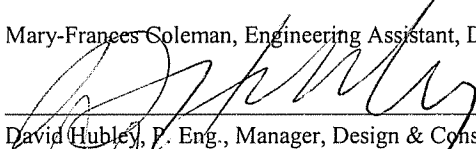
There are no recommended alternatives.

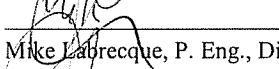
**ATTACHMENTS**

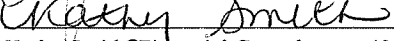
1. Memorandum dated May 5, 2005 from the Halifax Regional Water Commission.
2. Memorandum dated May 5, 2005 from Heritage Gas.

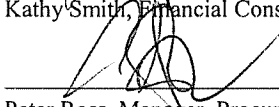
Additional copies of this report, and information on its status, can be obtained by contacting the Office of the Municipal Clerk at 490-4210, or Fax 490-4208.

Report Prepared by: Mary-Frances Coleman, Engineering Assistant, Design & Construction Services at 490-1457

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

Report Approved by:   
Mike Labrecque, P. Eng., Director, Transportation and Public Works Services at 490-4851

Report Approved by:   
Kathy Smith, Financial Consultant at 490-6193

Report Approved by:   
Peter Ross, Manager, Procurement at 490-6499

MFC:cf



PO Box 1749  
Halifax, Nova Scotia  
B3J 3A5 Canada

## MEMORANDUM

TO: Colleen Rollings, P. Eng., Heritage Gas

CC: Jeff Spares, P.Eng., Sr. Design Engineer, Design & Construction Services  
David Hubley, P.Eng., Manager, Design & Construction Services  
Phillip Francis, P.Eng., Right-of-way Services Manager

FROM: Audrey Buchanan, P.Eng., Design & Construction Services

DATE: May 5, 2005

SUBJECT: **Tender 05-219 - Rose Street Reconstruction - Watermain Renewal,  
Sewer Upgrade and Gas Line Installation**

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Tender 05-219 - Rose Street Reconstruction - Watermain Renewal, Sewer Upgrade and Gas Line Installation, East Region closed April 29, 2005. Prior to tender award, a cost sharing agreement must be finalized between HRM and Heritage Gas. Enclosed is a bid comparison summary for the items associated with the gas line installation for this project. They are from the lowest bidder, Harbour Construction Company Limited to the highest.

In the most recent discussions on this subject, Heritage Gas 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 gas main and across the reinstatement width. Based on these unit prices the Heritage Gas share of reinstatement costs are as follows:

Reinstatement Area 0+000 to 0+225	225 m x 0.3 m	=	68 m <sup>2</sup>
Cost for Type 1 Gravel	68 m <sup>2</sup> x \$5.80/m <sup>2</sup>	=	\$ 394.40
Cost of Type 2 Gravel	68 m <sup>2</sup> x \$15.50/m <sup>2</sup>	=	\$ 1,054
Cost for Type B Asphalt	68 m <sup>2</sup> x \$ 9.90/ m <sup>2</sup>	=	\$ 673.20
Cost for Type C Asphalt	68 m <sup>2</sup> x \$ 7.60/m <sup>2</sup>	=	\$ 516.80
Cost for Planing	68 m <sup>2</sup> x \$ 7.00/m <sup>2</sup>	=	\$ 476
	Subtotal	=	\$ 3,114.00
	50% Share of Reinstatement Costs	=	\$ 1,557.00

Based on the low bidder's tender prices and the above cost sharing, Heritage Gas costs for Tender Tender 05-219 - Rose Street Reconstruction - Watermain Renewal, Sewer Upgrade and Gas Line Installation, East Region, can be summarized as follows:


Gas Main Installation	\$ 20,920.00
Reinstatement Cost Sharing	<u>\$ 1,557.00</u>
	\$ 22,477.00
Net HST	\$ 771.00
<b>Project Total</b>	<b><u>\$ 23,248.00</u></b>

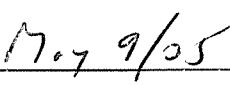
Actual cost sharing for this project will be based on final quantities determined during construction.

If you agree to this arrangement, please indicate by signing below and returning it to me. If you have any questions, please call me at 490-6824.

Thank you.

Audrey Buchanan, P.Eng.  
Design Engineer

  
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Colleen Rollings, P.Eng.  
Heritage Gas

  
\_\_\_\_\_  
Date

AB/su

**MEMORANDUM**

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

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

FROM: Audrey Buchanan, P.Eng., Design & Construction Services

DATE: May 5, 2005

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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. Based on these unit prices the HRWC's share of reinstatement costs is as follows:

Reinstatement Area 0+000 to 0+225	225 m x 2.8 m	=	630 m <sup>2</sup>
Cost for Type 1 Gravel	630 m <sup>2</sup> x \$5.80/m <sup>2</sup>	=	\$ 3,654
Cost of Type 2 Gravel	630 m <sup>2</sup> x \$15.50/m <sup>2</sup>	=	\$ 9,765
Cost for Type B Asphalt	630 m <sup>2</sup> x \$ 9.90/ m <sup>2</sup>	=	\$ 6,237
Cost for Type C Asphalt	630 m <sup>2</sup> x \$ 7.60/m <sup>2</sup>	=	\$ 4,788
Cost for Planing	630 m <sup>2</sup> x \$ 7.00/m <sup>2</sup>	=	\$ 4,410
	Subtotal	=	\$ 28,854
	50% Share of Reinstatement Costs	=	\$ 14,427

Based on the low bidder's tender prices and the above cost sharing, HRWC's costs for Tender Tender 05-219 - Rose Street Reconstruction - Watermain Renewal, Sewer Upgrade and Gas Line Installation, East Region, can be summarized as follows:

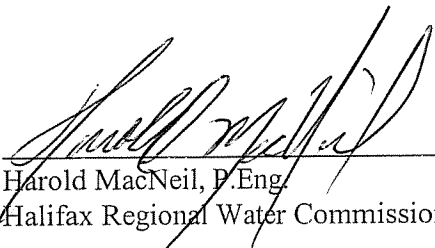
Water Main Renewal	\$ 64,250.00
Reinstatement Cost Sharing	<u>\$ 14,427.00</u>
	\$ 78,677.00
Net HST	\$ 2,698.00
<b>Project Total</b>	<b><u>\$ 81,375.00</u></b>

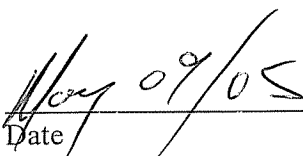
Actual cost sharing for this project will be based on final quantities determined during construction.

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Thank you.

Audrey Buchanan, P.Eng.  
Design Engineer

  
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Harold MacNeil, P.Eng.  
Halifax Regional Water Commission

  
\_\_\_\_\_  
Date

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