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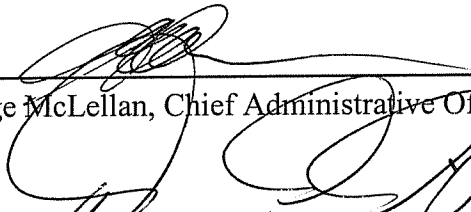


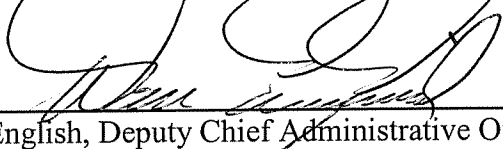
PO Box 1749
Halifax, Nova Scotia
B3J 3A5 Canada

Halifax Regional Council
July 5, 2005

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY:


George McLellan, Chief Administrative Officer


Dan English, Deputy Chief Administrative Officer

DATE: June 28, 2005

SUBJECT: Award of Unit Price Tender No. 05-230, Intersection Improvements
Windmill Road at Akerley Boulevard - East Region

ORIGIN

The Approved 2005/06 Capital Budget.

RECOMMENDATIONS

It is recommended that Council:

1. authorize an increase to the Gross budget of Capital Account No.CTR00905, Intersection Improvement Program, by \$15,906 with no change in the net budget to cover the cost sharing of the gas line installation from Heritage Gas.
2. authorize an increase to Capital Account No.CGU00577, Akerley & Windmill PS, Dartmouth, in the amount of \$151,960 with funding from the Canada Strategic Infrastructure Fund (CSIF).

3. approve the appointment of CBCL Limited Consulting Engineers for contract administration and inspection services for an estimated fee of \$83,500 including net H.S.T. with funding authorized as per the Budget Implications section of this report.
4. award Tender No. 05-230, Intersection Improvements Windmill Road at Akerley Boulevard - East Region to Ocean Contractors Limited for materials and services listed at the unit prices quoted for a Tender Price of \$1,518,328 including net H.S.T. from Capital Account Nos. CZU00717 Resurfacing, CGU00577 Akerley & Windmill PS, Dartmouth, CTR00905 Intersection Improvement Program and CB300628 Bus Rapid Transit Showcase with funding authorized as per the Budget Implications Section of this report.

BACKGROUND

The Approved 2005/06 Capital Budget includes funds for the replacement of the existing pumping station at the intersection of Windmill Road and Akerley Boulevard. This pumping station has far outlived its life expectancy at its present location and because of difficult maintenance conditions a new site has been procured. The Approved 2005/06 Capital Budget also includes funds for the implementation of transit priority features for the Metro Link Bus Rapid Transit (BRT) project. This intersection has been identified as a key location for transit queue jump lanes and transit signal priority in support of the Metro Link project.

DISCUSSION

Tenders were called on May 7, 2005 and closed on May 27, 2005. The following bids, exclusive of taxes, were received:

	<u>Bid Price</u>
1. Ocean Contractors Limited	\$1,467,990.00
2. Amber Contracting Limited	\$1,659,952.40
3. Dexter Construction Company Limited	\$1,763,400.00
4. J. R. Eisener Contracting Limited	\$1,802,292.70

The scope of work for this tender generally consists of but is not limited to the widening of the intersection of Akerley Boulevard at Windmill Road to facilitate transit queue jump lanes, decommissioning of an existing sewage pumping station, construction of a new sewage pumping station, traffic signal upgrade, signage, installation of a gas pipeline, landscaping, concrete sidewalk, concrete curb and gutter and intersection resurfacing.

This project was designed by CBCL Limited Consulting Engineers and since staff does not have the resources to provide full time contract administration and inspection on a project of this magnitude at this time, it is recommended that CBCL Limited Consulting Engineers be retained to provide these necessary services. The estimated fee for this service is \$83,500 including net HST. If approved, the payment to the consultant will be based on the amount of actual time spent on the project in accordance with the hourly fees quoted.

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 \$1,467,990, plus net HST for a total project cost of \$1,518,328, funding is available in the Approved 2005/06 Capital Budget from Account Nos. CZU00717 Resurfacing, CGU00577 Akerley & Windmill PS, Dartmouth, CTR00905 Intersection Improvement Program and CB300628 Bus Rapid Transit Showcase. The budget availability has been confirmed by Financial Services.

Budget Summary: Account No. CZU00717 Resurfacing

Cumulative Unspent Budget	\$5,923,949
Less: Tender 05-230	\$ 176,113*
Less: CBCL Inspection Services	\$ 20,875
	<u>\$5,726,961</u>

Account No. CGU00577 Akerley & Windmill PS, Dartmouth

Cumulative Unspent Budget	\$ 579,000
Less: Tender 05-230	\$ 645,085**
Less: CBCL Inspection Services	\$ 20,875
Plus: Funding from CSIF	\$ 151,960
	<u>\$ 65,000***</u>

*** remaining funds may be required for unforeseen extra work associated with the pump station relocation

Account No. CTR00905 Intersection Improvement Program

Cumulative Unspent Budget	\$ 894,112
Less: Tender 05-230	\$ 379,472****
Less: CBCL Inspection Services	\$ 20,875
Plus: Heritage Gas Cost Sharing	\$ 15,906
	<u>\$ 509,671</u>

Account No. CB300628 Bus Rapid Transit Showcase

Cumulative Unspent Budget	\$2,412,723
Less: Tender 05-230	\$ 317,658*****
Less: CBCL Inspection Services	\$ 20,875
	<u>\$2,074,190</u>

The cost estimates for the individual portions of this tender were \$180,000*, \$550,000**, \$330,000**** and \$250,000*****.

It should be noted that some of the work included in this project is eligible for funding from CSIF. A copy of the March 15, 2004 letter from the Mayor to the Minister of State Responsible for Infrastructure Canada, regarding this program, is included for reference as Attachment 2 in this report.

The amount estimated to be funded from the CSIF is \$151,960. HRM staff has been in discussion with CSIF staff to confirm more specifically the components of work that will be eligible for CSIF funding. Once these discussions have been concluded, and once the project has been completed, the amount to be funded from CSIF will be able to be determined with more certainty.

FINANCIAL MANAGEMENT POLICIES / BUSINESS PLAN

This report complies with the Municipality's Multi-Year Financial Strategy, the approved Operating 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 2005/06 Capital Budget.

ALTERNATIVES

There are no recommended alternatives.

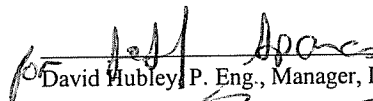
ATTACHMENTS

1. Memorandum dated June 2, 2005 from Heritage Gas.
2. A copy of the March 15, 2004 letter from the Mayor to the Minister of State Responsible for Infrastructure Canada regarding this program.

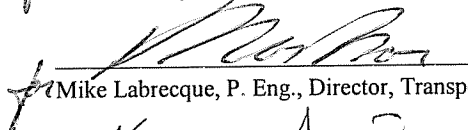
A copy of this report can be obtained online at <http://www.halifax.ca/council/agendasc/cagenda.html> then choose the appropriate meeting date, or by contacting the Office of the Municipal Clerk at 490-4210, or Fax 490-4208.

Report Prepared by: Jim LeClair, Engineering Assistant, Design & Construction Services at 490-6826

Report Approved by:


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

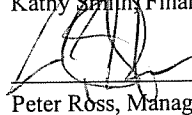
Report Approved by:


Mike Labrecque, P. Eng., Director, Transportation and Public Works Services at 490-4855

Report Approved by:


Kathy Smith, Financial Consultant at 490-6193

Report Approved by:


Peter Ross, Manager, Procurement at 490-6499

jl/su

Regional Municipality
JUN 16 2005
Regional Operations
Engineering Services

MEMORANDUM

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

CC: Phillip Francis, P.Eng., Right-of-Way Services Manager

FROM: Jeff Spares, P.Eng., Design & Construction Services

DATE: June 2, 2005

SUBJECT: **Tender 05-230 - Akerley Blvd. / Windmill Rd. Intersection Improvements**

Tender 05-230 - Intersection Improvements- Akerley Boulevard at Windmill Road , East Region closed May 27, 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, Ocean Contractors 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	125 m x 0.3 m	=	38 m ²
Cost for Type 1 Gravel	38 m ² x \$17/m ²	=	\$646
Cost of Type 2 Gravel	38 m ² x \$13/m ²	=	\$494
Cost for Type B Asphalt	38 m ² x \$19.50/ m ²	=	\$741
Cost for Type C Asphalt	38 m ² x \$96/m ²	=	\$3648
Cost for Planing	38 m ² x \$6/m ²	=	\$228
	Subtotal	=	\$5,757
	50% Share of Reinstatement Costs	=	\$2,878.50

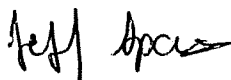
Based on the low bidder's tender prices and the above cost sharing, Heritage Gas costs for Tender Tender 05-230 - Intersection Improvements- Akerley Boulevard at Windmill Road, East Region, can be summarized as follows:

Gas Main Installation	\$ 12,500.00
Reinstatement Cost Sharing	\$ <u>2,878.50</u>
Sub Total	\$ 15,378.50
Plus Net HST	\$ <u>527.00</u>
Project Total	<u>\$ 15,906.00</u>

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

If you agree to this arrangement, please indicate by signing below and returning it to me. If you have any questions, please call me at 490-6820.

Thank you.

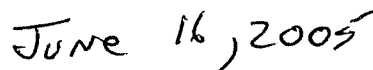


Jeff Spares, P.Eng.
Sr. Design Engineer



for

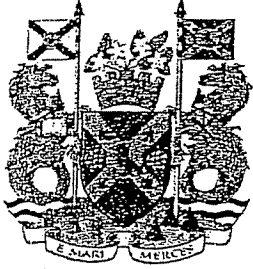
Colleen Rollings, P.Eng.
Heritage Gas



Date

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Municipality



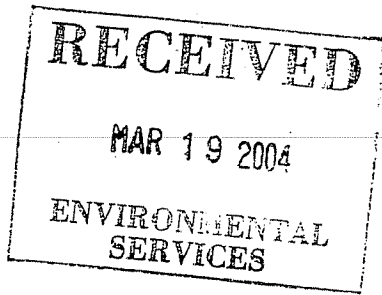
Peter J. Kelly

Mayor

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Halifax Regional Municipality

MAR 18 2004

Halifax Harbour Solutions

March 15, 2004

The Honourable Andy Scott
Minister of State responsible for Infrastructure Canada
Infrastructure Canada
90 Sparks Street, Suite 605
Ottawa, Ontario K1P 5B4

Dear Minister Scott:

Re: Halifax Harbour Solutions Project Incremental Funding

On Tuesday, March 10, 2004, Halifax Regional Council approved entering into an agreement for Phase 2 of the Harbour Solutions Project, with D&D Water Solutions Inc. to design, construct and commission the three sewage treatment plants. The approval is conditional on the Halifax Regional Municipality (HRM) receiving substantial incremental funding from the Federal government and receiving, from its insurance advisor, confirmation that the terms and conditions of the final insurance package are appropriate, given the nature of the project and current market conditions.

It is anticipated that the substantial incremental funding from the Federal government will comprise of an additional \$30 million contribution to the Halifax Harbour Solutions Project from the Strategic Infrastructure Fund. It is proposed that these funds be applied against the cost of the Dartmouth and Herring Cove Sewage Treatment Plants as detailed in Appendix A.

This additional contribution toward the Harbour Solutions Project will enable HRM to advance incremental and much needed wastewater projects (detailed in Appendix B) to further protect our watersheds and ultimately achieve the water quality objectives for Halifax Harbour. With the exception of the pumping station upgrades, the projects in Appendix B were envisioned in the original scope of the Harbour Solutions Project but could not proceed due to a lack of funding.

Appendix B provides the description of each of the HRM projects with their projected cash flow and timing. The



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The Honourable Andy Scott

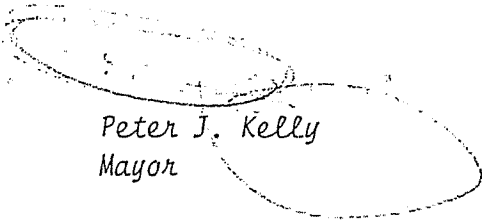
March 15, 2004

combined sewer overflow prevention and pumping station upgrade projects will minimize the pollutants entering into our receiving water and, at the same time, convey, as much as possible, the pollutants to the sewage treatment plants. The diffusion ratio upgrades will enable the treatment plant effluent to be discharged in a manner that will significantly decrease the impact of effluent in the direct vicinity of the receiving water. Implementation of a biosolids dewatering facility will enable all HRM biosolids to be processed to a USEPA Class A standard and will enable the phase out of the biosolids lagoon, thus eliminating a huge volume of methane (>10,000,000 cu. ft) that is released to the atmosphere annually.

Implementation of these complementary projects will greatly enhance HRM's strategic efforts toward a "Healthy, Sustainable and Vibrant Community", and will specifically improve performance in preserving the environment and protecting public health. The additional Federal funding contribution to the Harbour Solutions Project will clearly enable the implementation of these important projects for HRM that could not have otherwise proceeded.

If you require any further information, please do not hesitate to contact me.

Respectfully, I remain


Peter J. Kelly
Mayor

/km
attach

cc George McLellan, CAO
Dan English, DCAO
Brad Anguish, Director, Environmental Management Services
✓ Ted Tam, Project Manager, Harbour
Members of Halifax Regional Council

Appendix A

Strategic Infrastructure Fund Contribution Areas

Additional funding	Eligible costs	Federal Gov't Contribution	2004-05	2005-06	2006-07
Dartmouth Sewage Treatment Plant	\$45,481,000	\$20,000,000	\$1,750,000	\$18,250,000	
Herring Cove Sewage Treatment Plant	\$32,839,000	\$10,000,000		\$8,250,000	\$1,750,000
Total	\$78,320,000	\$30,000,000	\$1,750,000	\$26,500,000	\$1,750,000

Appendix B

Projects that will be carried out with additional Federal Strategic Infrastructure Funding

Brief Description of Additional Projects	2004-05	2005-06	2006-07	2007-08	Total
Diffusers Ratio Upgrade	\$1,400,000	\$1,100,000			\$2,500,000
Combined Sewer Overflow Prevention	\$500,000	\$4,500,000	\$5,000,000	\$5,000,000	\$15,000,000
Pumping Stations Upgrades/Wet Weather Flow Solutions	\$500,000	\$3,000,000	\$3,500,000	\$2,000,000	\$9,000,000
Central Biosolids Dewatering Facility (Lagoon Phase-out)	\$1,000,000	\$2,500,000			\$3,500,000
Total	\$3,400,000	\$11,100,000	\$8,500,000	\$7,000,000	\$30,000,000