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Halifax Regional Council
April 25, 2006

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY:



Dan English, Chief Administrative Officer



Wayne Anstey, Acting Deputy Chief Administrative Officer

DATE: April 11, 2006

SUBJECT: **Award of Unit Price Tender No. 06-354, Flow Monitoring of Sewers,
Pricing Agreement, Various Locations.**

ORIGIN

Approved 2005/06 Capital Budget.

RECOMMENDATION

It is recommended that SNC Lavalin Inc be awarded the first year of a two year contract to complete flow monitoring of sewers in the amount of \$100,000 including net HST from accounts CSR00503, Infiltration/Inflow Reduction Program and CGR00788, Studies and Investigations - Various Locations, with funding authorized as per the Budget Implications section of this report.

BACKGROUND

Flow monitoring of sanitary and stormwater sewers is an essential tool in the management of HRM's sewer infrastructure. This information is used for various purposes such as planning and designing of sewers, pumping stations and wastewater treatment plants; tracking trends in flows to determine the need and/or effectiveness of rehabilitation work to reduce infiltration and inflow; capacity analysis for extension of sanitary sewer services, supporting growth and development; and for determining the possible need for twinning or replacement if there is inadequate capacity.

DISCUSSION

Tenders were called on March 1, 2006 and closed on March 16, 2006. The following bids, exclusive of taxes, were received:

	<u>Bid Price</u>
1. SNC Lavalin Inc.	\$ 179,237.00
2. CBCL Limited	\$ 195,668.00

The scope of work for this tender generally consists of the monitoring of flows in sanitary and storm sewers throughout HRM. A number of locations have been identified for the 2006/07 year and they include the Harbour Interceptor Tunnel, Northwest Arm Sewer, sub-sewersheds within peninsula Halifax and Bedford and the Dartmouth Cove Trunk Sewer. Other locations will be identified throughout the year as determined through studies and investigations.

It is anticipated that work will commence immediately after award of the tender.

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

BUDGET IMPLICATIONS

The Flow Monitoring of Sewers - Pricing Agreement for various locations throughout HRM is based on a two year contract. SNC Lavalin Inc. provided the lowest total tender price for the two year contract at a cost of \$185,383 including net HST.

Based on the lowest tendered price for a two year contract, with the first year costing \$96,685 plus net HST, for a total project cost of \$100,000, funding is available in the Approved 2005/06 Capital Budget under Account No. CSR00503, Infiltration/Inflow Reduction and CGR00788, Studies and Investigations - Various Locations. The budget availability has been approved by Financial Services. An Award Report will be forwarded for approval for the second year of this contract in the amount of \$85,383 including net HST once the Capital Budget is approved in 2007.

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Budget Summary: Account No, CSR00503, Infiltration/Inflow Reduction Program

Cumulative Unspent Budget	\$72,616
Less: Tender 06-354	<u>\$50,000</u>
Balance of Account	\$22,616

Account No, CGR00788, Studies and Investigations - Various Locations

Cumulative Unspent Budget	\$125,593
Less: Tender 06-354	<u>\$ 50,000</u>
Balance of Account	\$ 75,593

The funds remaining in account CSR00503 will be used for the completion of other infiltration/inflow reduction projects. The funds remaining in account CGR00788 will be used for further studies.

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

Council could choose to not have this work done. This would result in staff not being able to determine the performance of the sewer systems. This may expose HRM to liability as a result of wastewater overflows and sewer backups on private property. It would also reduce HRM's ability to manage the sewer system with respect to future growth.

ATTACHMENTS

None.

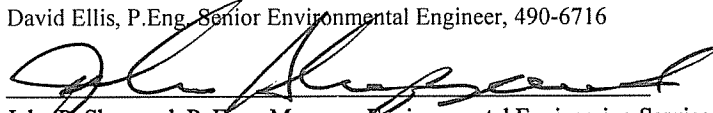
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A copy of this report can be obtained online at <http://www.halifax.ca/council/agendasc/cagenda.html> then choose the appropriate meeting date, or by contacting the Office of the Municipal Clerk at 490-4210, or Fax 490-4208.

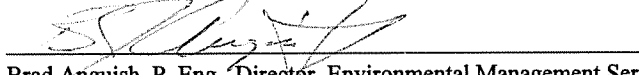
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Report Approved by:



John P. Sheppard, P. Eng., Manager, Environmental Engineering Services, 490-6958

Report Approved by:



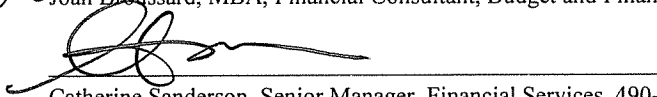
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Financial Review:



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Report Approved by:



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