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Halifax Regional Council  
February 19, 2002

*February 26, 2002*

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

**SUBMITTED BY:**

A handwritten signature in black ink, appearing to be "George McLellan".

George McLellan, Chief Administrative Officer

A handwritten signature in black ink, appearing to be "Dan English".

Dan English, Deputy Chief Administrative Officer

**DATE:** February 11, 2002

**SUBJECT:** Award of Tender No. 01-325, Sanitary Manhole Infiltration Reduction Program, 2001 Projects and 2002 Pricing Agreement, Various Locations

**ORIGIN**

Approved 2000/01 Capital Budget.

**RECOMMENDATION**

It is recommended that Halifax Regional Council award Tender No. 01-325, Sanitary Manhole Infiltration Reduction Program, 2001 Projects and 2002 Pricing Agreement, Various Locations, to Wilcraft Concrete Services Limited for materials and services listed at the unit prices quoted for a Tender Price of \$120,509 plus net HST and 10% for quality control/quality assurance and unforeseen works for a Total Project Cost of \$141,082 with funding authorized as per the Budget Implications section of this report.

## **BACKGROUND**

Infiltration is groundwater that enters the sanitary collection system through cracks, holes and other defects in system components such as pipes and manholes. Infiltration into the HRM sanitary collection systems causes operational problems such as overflows, additional pumping requirements and takes away system capacity. The impacts of infiltration are particularly evident during periods of heavy rainfall or in areas prone to high groundwater conditions.

A number of sanitary system manholes have been inspected across Halifax Regional Municipality, and were deemed to require specific repairs. The 2001 Projects portion of this tender includes repairs to 106 sanitary manholes. Staff will continue to inspect other manholes this year and identify required repairs.

## **DISCUSSION**

The proposed repairs will involve the use of urethane based injection resins and hydraulic cement to repair cracks and holes in the manhole. These repairs will not require excavation of the street. Work is expected to begin in the spring of 2002.

Tenders were called on November 17, 2001 and closed on December 12, 2001. The following bids, exclusive of taxes, were received:

	<u>Total Bid</u>
1. Wilcraft Concrete Services Limited	\$ 120,509.00
2. Maritime Infrastructure Technologies Inc.	\$ 144,097.00
3. G & R Kelly Enterprises Limited	\$ 153,955.00
4. J. Mason Contracting Limited	\$ 173,995.00

Based on the lowest tendered total bid of \$120,509 from Wilcraft Concrete Services Limited plus net HST plus 10% for quality control/quality assurance and unforeseen works, the Total Project Cost is \$141,082.

## **BUDGET IMPLICATIONS**

Funding for this project in an amount of \$141,082 is available from Account Number CSR00503 - Infiltration/Inflow Reduction, with an uncommitted balance of \$568,716 (gross budget \$750,000). This has been confirmed by staff of Finance.

## **FINANCIAL MANAGEMENT POLICIES/BUSINESS PLAN**

This report complies with the Municipality's Multi-Year Financial Strategy, the approved

**Award of Tender No. 01-325  
Sanitary Manhole Infiltration  
Reduction Program**

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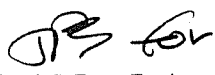
**February 19, 2002**

Operating, Capital and Reserve budgets, policies and procedures regarding withdrawals from the utilization of Capital and Operating reserves, as well as any relevant legislation.

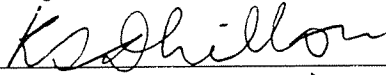
**ALTERNATIVES**

There are no recommended alternatives.

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:  Charles Lloyd, P.Eng., Environmental Engineer, Environmental and ROW Services, 490-6942

Approved by:

  
K. Dhillon, P.Eng., Director, Public Works and Transportation Services at 490-4855