



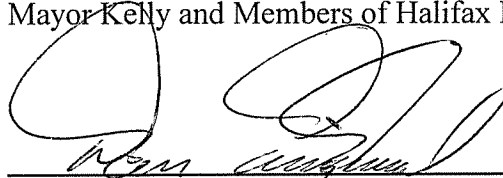
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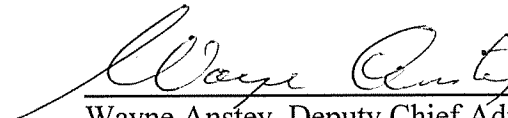
Halifax Regional Council
June 26, 2007

TO: Mayor Keny and Members of Halifax Regional Council

SUBMITTED BY:



Dan English, Chief Administrative Officer



Wayne Anstey, Deputy Chief Administrative Officer - Operations

DATE: June 26, 2007

SUBJECT: Award - RFP No. 07-335, Consulting Engineering Services
Bedford-Sackville Trunk Sewer - Maintenance Access Routes

ORIGIN

2006/07 Capital Budget.

RECOMMENDATION

It is recommended that Regional Council award RFP No. 07-335, Consulting Engineering Services - Bedford-Sackville Trunk Sewer - Maintenance Access Routes, to the highest scoring proponent, Terrain Group Inc., at a cost of \$125,449.03 (net HST included) with funding from Capital Account No. CGI00610 as outlined in the Budget Implications section of this report.

BACKGROUND

The Bedford-Sackville Trunk Sewer was constructed in the 1970s and serves parts of the communities of Sackville, Beaver Bank, and Bedford. The trunk sewer extends from its upper limit at Millwood Drive near Beaver Bank Cross Road to its outlet into the Fish Hatchery Pumping Station at the head of the Bedford Basin. The pumping station delivers the sewage via twin forcemains to the Mill Cove Wastewater Treatment Facility in Bedford.

The trunk sewer consists of approximately ten kilometres of concrete pipe ranging in size from 375 mm to 1200 mm diameter and contains approximately 135 manholes. The sewer is located primarily in the floodplains of the Little Sackville and Sackville Rivers.

HRM recently completed a sonar and closed circuit television (CCTV) inspection of the Bedford-Sackville Trunk Sewer. This inspection indicates that there is accumulated debris in some sections of the trunk sewer, which is restricting the available system capacity, and contributing to overflow problems experienced during wet weather flow events. Cleaning the sewer and removing the debris is expected to reduce the frequency and volume of overflow into the freshwater receiving waters of the Little Sackville and Sackville Rivers.

When the trunk sewer was originally constructed in the 1970s, an access along some portions of the sewer may have been constructed. However, there is little evidence of such an access today, as no regular maintenance was ever provided. Access to the trunk sewer has become increasingly difficult over time as a consequence of encroaching development, additional infrastructure, and natural vegetation overgrowth adjacent to the sewer easement. The lack of suitable access has essentially prevented HRM from carrying out routine sewer and manhole cleaning, repairs and other general maintenance, including the removal of the debris identified in the sonar and CCTV inspection.

The next step in the process is to have access routes designed for the entire length of the trunk sewer. The immediate priority for construction of the access routes is at specific sections which are in urgent need of cleaning. The most critical locations requiring cleaning are primarily in the upper reach of the trunk sewer including: the section immediately adjacent to the Highway 101 corridor, the section along Bruce Drive to just upstream of Beaver Bank Road, and the section from Beaver Bank Cross Road upstream to the junction with Millwood Drive. These areas currently have very limited or no access to the trunk sewer.

The main objectives of this project are to:

- Design appropriate maintenance access routes to the trunk sewer.
- Consult with stakeholders regarding the proposed maintenance access routes.
- Prepare legal documents necessary to secure additional lands for access to the sewer.
- Prepare a tender ready package for the construction of access routes.

Increasing development and the extension of the trunk sewer system to the Lively subdivision further

exacerbate the potential for non-compliance, and increase both environmental risks and health risks to area residents. Therefore, this work is deemed to be a high Priority 2 project.

DISCUSSION

The RFP (07-335) for the Bedford-Sackville Trunk Sewer - Maintenance Access Routes closed on May 31, 2007 and two proposals were received. Proposals were received from Terrain Group Inc. and O’Halloran Campbell.

The proposals were evaluated by two staff members from Environmental Engineering Services and one staff member from Design & Construction Services. A representative from Procurement Services attended the evaluation meeting.

The results of the final scoring evaluation are outlined as follows:

Consultant	Evaluation Score (Maximum Score = 1000)
Terrain Group Inc.	814
O’Halloran Campbell	683

BUDGET IMPLICATIONS

Based on Terrain Group Inc.’s quoted cost of \$125,449.03 (including net HST), funding for this project is available in the Capital Budget from Account No. CGI00610 - Bedford-Sackville Trunk Sewer. The budget availability has been confirmed by Financial Services.

Budget Summary:

<u>Account No. CGI00610 - Bedford -Sackville Trunk Sewer</u>	
Cumulative Unspent Budget	\$ 524,809
Less: RFP 07-335	\$ 125,449
Uncommitted Balance	\$ 399,360

The fee for this assignment was estimated at \$75,000.

Any remaining funds will be used on later phases of this project.

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


1. Council could choose to reject the recommendation to award the Bedford-Sackville Trunk Sewer - Maintenance Access Routes consulting services assignment. Staff does not recommend this option. The trunk sewer system is in need of cleaning and repair and access to large sections of the sewer is not available. Without constructing the accesses to enable regular maintenance of the trunk sewer, HRM risks being out of compliance and having overflows to the fresh receiving waters of the Little Sackville and Sackville Rivers. This project is part of a program needed to address system capacity constraints. Therefore, this project is categorized as a high Priority 2 project.

ATTACHMENTS

Attachment A - Proposal Evaluations

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 490-4208.

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Attachment A
Proposal Evaluations

Request for Proposal RFP 07-335, Consulting Engineering Services Bedford-Sackville Trunk Sewer - Maintenance Access Routes			
Criteria	Max. Score	O'Halloran Campbell	Terrain Group Inc.
Understanding & Implementation	300	158	244
Experience & Project Team Qualifications	250	165	199
Project Management & Quality Control	250	160	193
Price (including net HST)	200	200 (\$111,858.46)	178 (\$125,449.03)
Total Score	1000	683	814