



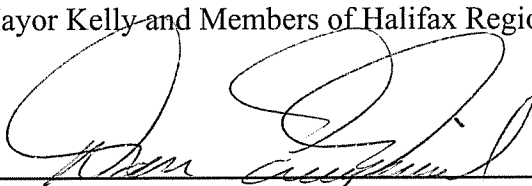
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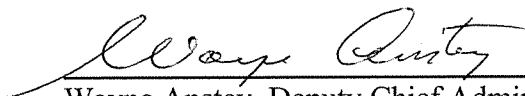
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Halifax Regional Council
April 3, 2007

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY:



Dan English, Chief Administrative Officer

Wayne Anstey, Deputy Chief Administrative Officer - Operations

DATE: March 21, 2007

SUBJECT: **Award - Unit Price Tender No. 07-200, Uplands Park Phase 2, New Storm Sewer and Sanitary Sewer Replacement, Hammonds Plains - Central Region**

ORIGIN

The Approved Advanced 2007/08 Capital Budget.

RECOMMENDATION

It is recommended that Council award Tender No. 07-200, Uplands Park Phase 2, New Storm Sewer and Sanitary Sewer Replacement, Hammonds Plains - Central Region to Brycon Construction Ltd. for material and services listed at the unit prices quoted for a Total Tender Price of \$326,835.64 (net HST included) with funding from Capital Account No. CGU00575 - Uplands Park - Sanitary and Storm Sewer, as outlined in the Budget Implications section of this report.

BACKGROUND

The Uplands Park area was developed in the 1960s and early 1970s. The sanitary sewer collection system and the wastewater treatment facility were constructed by the developer and, as well, the developer operated the system for a period of time. Eventually the ownership and responsibility of the system was transferred to the County of Halifax. When the original development was constructed, road side ditches were provided for stormwater drainage.

The sanitary sewer collection system is now in a deteriorated condition. This, combined with the lack of a piped stormwater system, has resulted in a high rate of inflow/infiltration into the sewer, which translates to wet weather flows at the treatment facility which can be 20 times the dry weather flow.

The treatment process at the Uplands Park Facility - trickling filter - is capable of handling significant variations in flow, but during extreme conditions, the magnitude of the wet weather flows from the collection system puts the facility out of compliance with its permitted discharge criteria.

There is a potential public health risk to this situation: The wastewater treatment facility discharges into a small brook, and the land adjacent to the brook has recently been subdivided and developed as residential lots, as part of the Kingswood North development. During high wet weather flow conditions, the public, particularly children, might come in contact with wastewater effluent which is not treated in accordance with the wastewater treatment plant's operating permit. This potential public health risk will be mitigated by the improvements in the collection system and by the new storm sewer work included in this project.

The Approved Advanced 2007/08 Capital Budget included funds for the sanitary sewer replacement and new storm sewer for Uplands Park, Phase 2, Hammonds Plains. Phase 1 of this project was completed in 2004/05. Phase 2 will continue with this work, with the objective of reducing the level of infiltration/inflow into the sanitary sewer system thus reducing the high wet weather flows to the wastewater treatment facility. It is noted that the primary purpose of the new piped stormwater system will be to provide abutting residents a location to discharge their sump pumps, foundation drains, downspouts, etc. so that these sources of inflow are disconnected from the sanitary sewer system.

The project is a Priority 2 project based on the Priority Rating Process approved by Regional Council in February 2005, in that if the impact of high infiltration/inflow is permitted to continue there is the possibility that this wastewater treatment facility will become non-compliant with provincial regulations.

DISCUSSION

Tenders were called on February 17, 2007, and closed on March 7, 2007. Bids were received from the following companies:

<u>Name of Company</u>	<u>Bid Price (Net HST Included)</u>
Brycon Construction Ltd.	\$326,835.64*
Dexter Construction Company Limited	\$335,213.38
Harbour Construction Co. Ltd.	\$342,453.41
Amber Contracting Limited	\$372,411.62
W. Eric Whebby Ltd.	\$380,618.72
ACL Construction Limited	\$406,631.11
Tri-Ex Construction Limited	\$419,146.02
J. R. Eisener Contracting Limited	\$430,499.42

***recommended bidder**

This project is located in the community of Hammonds Plains in the Halifax Regional Municipality on Crestfield Drive from Belmont Avenue to Kenwood Avenue. A portion of the project is also located in the sportsfield adjacent to Crestview Drive from Hammonds Plains Road to Belmont Avenue.

The scope of work for this tender generally consists of the installation of a new storm sewer and storm sewer laterals for approximately 20 homes; the replacement of an existing sanitary sewer and sanitary sewer laterals for approximately eight (8) homes; and the replacement of an existing cross culvert on Hammonds Plains Road.

It is anticipated that work will commence within three weeks of the tender award and take 12 weeks to complete.

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 \$326,835.64, including net HST, funding is available in the Approved Advanced 2007/08 Capital Budget from Account No. CGU00575 - Uplands Park - Sanitary and Storm Sewer. The budget availability has been approved by Financial Services.

Budget Summary: **Capital Account No. CGU00575, Uplands Park - Phase 2**

Cumulative Unspent Budget	\$ 552,003
Less: Tender No. 07-200	<u>\$ 326,836*</u>
Balance	\$ 225,167

* This project was estimated in the Approved Advanced 2007/08 Capital Budget at \$500,000.

The balance of funds will be used to implement the remaining 2007/08 Sanitary and Storm Sewer 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.

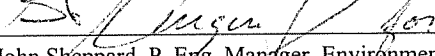
ALTERNATIVES

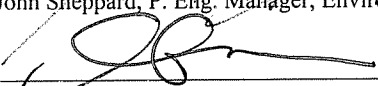
There are no recommended alternatives. If the project does not proceed, the sanitary sewer system will continue to deteriorate, resulting in increasing rates of infiltration/inflow which will increase the probability of the wastewater treatment facility becoming non-complaint. Also, if the project does not proceed there will be no reduction in the risk to public health associated with the public potentially coming in contact with wastewater effluent which is not treated in accordance with the wastewater treatment plant's operating permit.

ATTACHMENTS

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 at 490-4208.

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