




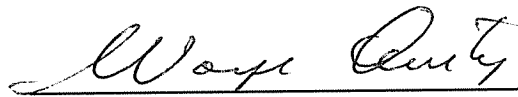
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Halifax Regional Council
June 26, 2007

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY: 
Dan English, Chief Administrative Officer


Wayne Anstey, Deputy Chief Administrative Officer - Operations

DATE: June 15, 2007

SUBJECT: Award - Unit Price Tender No. 07-247, Conversion of Armdale Rotary
to a Modern Roundabout - West Region

ORIGIN

The Approved 2007/08 Capital Budget.

RECOMMENDATION

It is recommended that Council award Tender No.07-247, Conversion of Armdale Rotary to a Modern Roundabout - West Region to Dexter Construction Company Limited for material and services listed at the unit prices quoted for a Total Tender Price of \$2,940,714.01 (net HST included) with funding from Capital Account No. CTV00732 - Rotary Conversion/Chebucto Reversing Lane, as outlined in the Budget Implications section of this report.

BACKGROUND

The Approved 2007/08 Capital Budget includes funds for the Conversion of Armdale Rotary to a Modern Roundabout. The HRM Regional Planning Strategy identified the conversion as a needed project to provide additional traffic capacity onto and off of the Halifax peninsula to meet existing and future demands.

In October 2005, the Province of Nova Scotia changed the section of the Motor Vehicle Act pertaining to vehicles entering and driving in a rotary or roundabout. Vehicles entering the Rotary must now yield to vehicles already in the Rotary. The Armdale Rotary did not operate in this manner. During the morning and rush hour periods, most drivers used the one-on-one method when entering the Rotary. This caused vehicles to stop within the rotary circle, and it lead to vehicle back ups on all five approaches.

In June 2004, the HRM had TMS Consultancy investigate the feasibility of converting the Armdale Rotary to a Modern Roundabout. The study concluded that the Armdale Rotary could be successfully converted.

In 2005, the HRM had SIAS Ltd. build a Paramics model of the Armdale Rotary to assess the operation of the Rotary using existing traffic data, and test proposed changes put forward by TMS Consultancy. The modelling of the proposed layout in the PM peak suggested that downstream congestion on St Margaret's Bay Road would back up into the Rotary and cause it to fail. The report recommended that before any changes were made to the Rotary that interactions with nearby junctions be fully assessed.

In July of 2006, the rules modified in 2004 by the Province were enforced at the Rotary, thereby, all vehicles entering the rotary must now yield to vehicles already in the Rotary.

Delphi-MRC was hired in the summer of 2006 to expand upon the work completed by TMS Consultancy and SIAS Limited. Their findings resulted in the redesign of the geometry at the Armdale Rotary to fully complete the transition of it to a Modern Roundabout. Delphi-MRC completed a functional layout of the geometric changes.

In January 2007, SNC Lavalin Inc. was hired to completed the detailed design for the conversion to a Modern Roundabout.

DISCUSSION

Tenders were called on May 26, 2007 and closed on June 12, 2007. Bids were received from the following companies:

<u>Name of Company</u>	<u>Bid Price (Net HST Included)</u>
Dexter Construction Company Limited	\$2,940,714.01*
Ocean Contractors Limited	\$3,310,141.72
Basin Contracting Limited	\$3,963,083.82

***recommended bidder**

The scope of work for this tender generally consists of the reconstruction and relocation of infrastructure to convert the existing Armdale Rotary to a Modern Roundabout. This work shall include traffic control, new overhead sign construction, reconstruction of asphalt and concrete roads, curb, sidewalk, including base gravels, pavement markings, new street lighting, etc.

It is anticipated that work will commence within two weeks of the tender award and take 10 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 \$2,940,714.01, including net HST, funding is available in the Approved 2007/08 Capital Budget from Account No. CTV00732 - Rotary Conversion/Chebucto Reversing Lane. The budget availability has been approved by Financial Services.

Budget Summary: **Capital Account No. CTV00732, Rotary Conversion/Chebucto Reversing Lane**

Cumulative Unspent Budget	\$ 3,609,278
Less: Tender No. 07-247	<u>\$ 2,940,714 *</u>
Balance	\$ 668,564

* This project was estimated in the Approved 2007/08 Capital Budget at \$2,500,000.

The balance of funds will be used to implement the remaining 2007/08 Rotary Conversion/Chebucto Reversing Lane projects approved by Council.

FINANCIAL MANAGEMENT POLICIES/BUSINESS PLAN

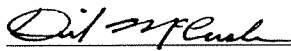
This report complies with the Municipality's Multi-Year Financial Strategy, the approved Operating, Capital and Reserve budgets, policies and procedures regarding withdrawals from the utilization of Capital and Operating reserves, as well as any relevant legislation.


ALTERNATIVES

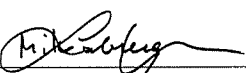
There are no recommended alternatives to this course of action.

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 at 490-4208.

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TD/pm