

Item No. 11.1.4
Halifax Regional Council
April 12, 2011

TO: Mayor Kelly and Members of Halifax Regional Council

Original signed by



SUBMITTED BY:

Richard Butts, Chief Administrative Officer

Original Signed by

Mike Labrecque, Deputy Chief Administrative Officer

DATE: March 21, 2011

SUBJECT: Award - Unit Price Tender No. 11-200, Birkdale Crescent Pavement
Renewal and Watermain Replacement – (Dunbrack St. to Dunbrack
St.) – West Region

ORIGIN

The Approved Advanced 2011/12 Project Budget.

RECOMMENDATIONS

It is recommended that Halifax Regional Council:

1. Approve a budget increase of \$319,902.78 (net HST included) to Project No. CYX 01345 - Street Recapitalization, funded through cost sharing with Halifax Water; and
2. Award Tender No. 11-200, Birkdale Crescent Pavement Renewal and Watermain Replacement - West Region to Dexter Construction Company Limited for a Total Tender Price of \$541,578.06 (net HST included), with funding from Project No. CYX01345 – Street Recapitalization, as outlined in the Budget Implications section of this report.

BACKGROUND

The Approved Advanced 2011/12 Project Budget includes funds for the Pavement Renewal and Watermain Replacement of Birkdale Crescent from Dunbrack St. to Dunbrack St.

DISCUSSION

Tenders were called on February 24, 2011, and closed on March 17, 2011. Bids were received from the following companies:

<u>Name of Company</u>	<u>Bid Price (net HST included)</u>
Dexter Construction Company Limited	\$541,578.06*
J.R. Eisener Contracting Limited	\$598,288.78
Brycon Construction Limited	\$645,530.34
Ocean Contractors Limited	\$657,593.10
Harbour Construction Company Limited	\$682,604.01
ARCP – Atlantic Road Construction & Paving Ltd.	\$725,309.13

***recommended bidder**

The scope of work for this tender generally consists of the full length watermain replacement, some replacement of the sanitary sewer, some curb replacement, the removal of the existing asphalt, gravel grading and paving of new asphalt cement. The work also includes pavement markings and associated reinstatement.

It is anticipated that work will commence after the tender is awarded and as weather permits in the spring, 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 \$541,578.06 (net HST included), funding is available in the Approved Advanced 2011/12 Project Budget from Project No. CYX01345 - Street Recapitalization. The budget availability has been confirmed by Financial Services.

Budget Summary: **Project No. CYX 01345, Street Recapitalization**

Cumulative Unspent Budget	\$3,948,831
Plus: HW Cost Sharing Tender 11-200	\$ 319,903
Plus: HW Cost Sharing Tender 11-240	\$ 718,865
Less: Tender No. 11-200	\$ 541,578 *
Less: Tender No. 11-240	<u>\$1,228,429</u>
Balance	\$3,217,592

* The HRM component of this project was estimated in the Approved Advanced 2011/12 Project Budget at \$300,000. As a result of cost sharing from the Halifax Water, the net cost to Project No. CYX01345 - Street Recapitalization, is \$221,675.

The balance of funds will be used to implement the remaining 2011/12 Street Recapitalization projects approved by Council.

FINANCIAL MANAGEMENT POLICIES / BUSINESS PLAN

This report complies with the Municipality's Multi-Year Financial Strategy, the approved Operating, Project and Reserve budgets, policies and procedures regarding withdrawals from the utilization of Project and Operating reserves, as well as any relevant legislation. If approved, this will increase the gross 2011/12 Project Budget but not the net.

ALTERNATIVES

Council could choose not to approve the recommendations in this report, but this is not recommended by staff.

ATTACHMENT

A1 - Cost Share Memo Halifax Water

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.

Report Prepared by: Mark Coleman Design Technologist, Design & Construction Services at 490-6843

Report Approved by: _____
David Hubley, P.Eng., Manager, Design & Construction Services at 490-4845

Procurement Review: _____
Anne Feist, Manager, Procurement (490-4200)

Report Approved by: _____
Philip Townsend, Director, Infrastructure and Asset Management at 490-7166

MC/rch.

MEMORANDUM

TO: John Eisnor, M.A.Sc., P.Eng., Project Engineer, Halifax Water

CC: David Hubley, P.Eng., Manager, Design & Construction, HRM
Jeff Spares, P.Eng., Sr. Design Engineer, Design & Construction, HRM
Jamie Hannam, MBA, P.Eng., HRWC

FROM: Anne Sherwood, P.Eng., Design & Construction, HRM

DATE: March 21, 2011

SUBJECT: **Tender 11-200 Birkdale Crescent (Dunbrack to Dunbrack) Pavement and Watermain Renewal – West Region**

Tender No. 11-200 Birkdale Crescent (Dunbrack to Dunbrack) Pavement and Watermain Renewal – West Region, closed March 17, 2011. Prior to tender award, a cost sharing agreement must be finalized between HRM and HRWC. Enclosed is a bid summary for the items associated with the sewer work and water main renewal for this project. They are from the lowest bidder, Dexter Construction Company Limited.

In the most recent discussions on this subject, HRWC has agreed to pay for the sewer and water main work and 50% of the cost of the reinstatement cost relating to their work. Based on the low bidder's tender prices and the above cost sharing, HRWC's costs for Tender No. 11-200 Birkdale Crescent (Dunbrack to Dunbrack) Pavement and Watermain Renewal – West Region, can be summarized as follows:

Reinstatement for Watermain Renewal (Cost shared with HRWC & D&C):

Note: Halifax Water trench width repayment as per the theoretical Trench
2.3 x 510m = 1173 m²

Item 9.2	Fine Grading of Road Surface = 1173m ² @ \$1.25 x 50% =	\$ 733.75
Item 42.3	Type Special C - 40 mm thick = 1173m ² @ \$12.55 x 50% =	\$7,366.85
Item 42.5	Type B-HF (50 mm thick) = 1173m ² @ \$15.00 x 50% =	\$8,805.00
Item 42.18.10	Cold Planning > 50 mm <= 150 mm = 1173m ² @ \$3.95 x 50% =	\$2,318.65
Item 60	Trench Reinstatement Rock (Provisional) 5m ³ @ \$180.00 =	\$ 900.00

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Watermain Work

Item 10.2	Water Pipe, 200 mm DI - CL52 (including gravels) = 510m @ \$337.00 =	\$ 171,870.00
Item 11.1	Installation of Fire Hydrant =5 @ \$5,900.00 =	\$ 29,500.00
Item 12.1	Air Release Chamber =1 @ \$4,500.00 =	\$ 4,500.00
Item 13.1.2	200 mm Gate Valve = 5 @ 1,300.00 =	\$ 6,500.00
Item 14.4.1	Reconnection of existing services 19mm 50 @ x \$870.00 =	\$ 43,500.00
Item 15	Connections to Existing Main = 2 @ \$500.00 =	\$ 1,000.00
Item 16.2	Rigid Insulation (HI40) = 30 m2 x \$19.50 =	\$ 585.00
Item 17	Temporary Water Service = 1 x \$15,000.00 =	\$ 15,000.00
Item 19	Pipe Sleeve (Encasement Pipe) = 12m x \$125.00 =	\$ 1,500.00

Sanitary Sewer Work

Item 20.1.2	250 mm dia. PVC DR35 sanitary pipe incl. reinstatement (excl. asphalt) = 5m @ \$440.00 =	\$ 2,200.00
Item 26	Spot Repair =1 @ \$1,900.00 =	\$ 1,900.00

Storm Sewer Work

33.1.3	300 mm dia. PVC DR18 - CB lead including reinstatement (excluding asphalt) = 16m @ 4536.00 =	\$ 8,576.00
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Watermain Renewal Reinstatement Subtotal	\$ 20,124.25
Watermain Subtotal	\$ 273,955.00
Sanitary Sewer Subtotal	\$ 4,100.00
Storm Sewer Work Subtotal	\$ 8576.00
Project Sub Total	<u>\$ 306,755.25</u>
Net HST (i.e. 4.286%)	\$ 13,147.53
Project Total	<u>\$ 319,902.78</u>

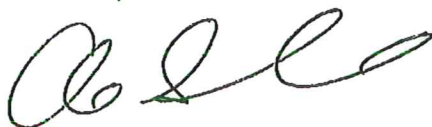
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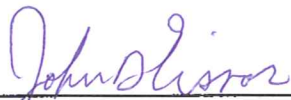
Actual cost sharing for this project will be based on final quantities determined during construction.

If you agree to this arrangement, please indicate by signing the enclosed copy and returning it to me. If you have any questions, please call me at 490 6872.

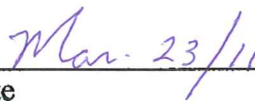
Thank you.



Anne Sherwood, P.Eng.
Design Engineer



John Eisnor, M.A.Sc., P.Eng.,
Project Engineer, Halifax Water



Date

AS/pm