

Item No. 11.1.1
Halifax Regional Council
March 20, 2012

TO: Mayor Kelly and Members of Halifax Regional Council

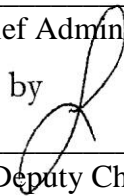
Original signed by



SUBMITTED BY:

Richard Butts, Chief Administrative Officer

Original Signed by



Mike Labrecque, Deputy Chief Administrative Officer

DATE: February 23, 2012

SUBJECT: **Cost Sharing Agreement - Halifax Water Tender No. 101029**
Dunbrack St. - West Region

ORIGIN

The Approved Advanced 2012/13 Project Budget.

RECOMMENDATION

It is recommended that Halifax Regional Council authorize the Mayor and Clerk to sign an agreement with Halifax Water for \$798,747.33 (net HST included) with funding from Project Account No(s). CYU01076 - Curb Renewal and CYX01345- Street Recapitalization, as outlined in the Budget Implications section of this report.

BACKGROUND

The Approved Advanced 2012/13 Project Budget includes funds for the street recapitalization and curb renewal of Dunbrack Street from Lacewood Drive to Lincoln Cross and from Radcliffe Drive to Langbrae Drive.

Halifax Water is completing a capital water main upgrade on Dunbrack Street from Lacewood Drive to Ross Street in 2012. HRM staff has also identified two blocks of street that require paving upgrades (Dunbrack St - Radcliffe to Langbrae and Dunbrack St - Lacewood to Lincoln Cross) which are located within the Halifax Water scope of work. In order to take advantage of cost efficiencies one tender was issued combining both the water main and asphalt upgrades. In this situation given the scope of the water main project Halifax Water has taken the lead in the tendering process.

DISCUSSION

Halifax Water issued Tender No. 101029 for the joint water main, paving and curb renewal work on Dunbrack Street from Lacewood Drive to Ross Street. Dexter Construction Company Limited was the recommended bidder by Halifax Water.

The scope of work for the HRM component of the tender general consists of the replacement of existing concrete curb and gutter with new concrete curb and gutter, asphalt renewal and associated reinstatement.

It is anticipated that work will commence after Halifax Water has awarded the tender and as weather permits in the Spring.

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 \$798,747.33 (net HST included), funding is available in the Approved Advanced 2012/13 Project Budget from Project Account No(s) CYU01076 - Curb Renewal and CYX01345 - Street Recapitalization. The budget availability has been confirmed by Financial Services.

Budget Summary:

Project Account No. CYU01076 - Curb Renewal Reservation No. 2038.2

| | |
|--------------------------------|---------------------|
| Cumulative Unspent Budget | \$ 451,381 |
| Less: Tender No. 101029 | \$ 451,381 * |
| Balance | \$ 0 |

Project Account No. CYX01345 - Street Recapitalization
Reservation No. 2038.1

| | |
|--------------------------------|---------------------|
| Cumulative Unspent Budget | \$ 347,366 |
| Less: Tender No. 101029 | \$ 347,366 * |
| Balance | \$ 0 |

* These projects were estimated in the Approved Advanced 2012/13 Project Budget at \$500,000 and \$385,000 respectively.

The balance of funds will be used to implement the remaining 2012/13 Curb Renewal and 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.

ALTERNATIVES

Council could choose to have HRM tender the pavement and concrete curb scope of work as a standalone project. However staff believes there are both costing and scheduling efficiencies to be gained by tendering both the water main and street surface components under one tender. Therefore this alternative is not recommended by staff.

ATTACHMENT

A1 - Cost Shared letter with 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: Jeff Spares, P.Eng., Sr. Design Engineer, Design & Construction Services at 490-6820

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

Financial Review: _____
Greg Keefe, A/Director of Finance/CFO, 490-6308

Report Approved by: _____
Ken Reashor, P.Eng., Director, Transportation & Public Works at 490-7166

MEMORANDUM

To: Jeff Spares, P.Eng., Senior Design Engineer., Design Engineer, Design & Construction, Transportation & Public Works

From: Mark Feener, P.Eng., Project Engineer, Halifax Water

cc: Tom Gorman, P.Eng., Senior Engineer, Halifax Water
Anne Sherwood, P.Eng., Design Engineer, Design & Construction, Transportation & Public Works

Date: February 21, 2012

Subject: Dunbrack Street Cost Sharing Agreement – HW #101029.00

The Tender for **Dunbrack Street** water main renewal – West Region has closed and is being awarded to Dexter Construction Company Limited. A cost sharing agreement must be finalized between HRWC and HRM. Enclosed is a bid summary for the items related pavement resurfacing & Curb renewal between Langbrae Drive and Lacewood Drive. They are from the lowest bidder, Dexter Construction Company Limited.

Based on the low bidder's tender prices, HRM's costs for tender #101029.00 Dunbrack Street – West Region, can be summarized as follows:

| <u>Item #</u> | <u>Description</u> | <u>Units</u> | <u>Quantity</u> | <u>Unit Rate</u> | <u>Amount</u> |
|----------------------------|--|----------------|-----------------|------------------|---------------|
| STREET CONSTRUCTION | | | | | |
| 40 | Gravels | | | | |
| | 40.4 Type 1 (200mm Thick) | m ² | 1210 | \$35.00 | \$42,350.00 |
| | 40.16 Type 2 (450mm Thick - Provisional) | m ² | 240 | \$62.00 | \$14,880.00 |
| 41 | Placement Materials | | | | |
| | 41.1 Reinstatement Tape | m | 175 | \$5.00 | \$875.00 |
| 42 | Asphalt Concrete | | | | |
| | 42.1 Type C-HF - 40mm Thick | m ² | 9570 | \$21.00 | \$200,970.00 |
| | 42.8 Type B-HF - 100mm Thick | m ² | 1210 | \$40.00 | \$48,400.00 |
| | 42.11 Cut and Patch - Type C | t | 350 | \$220.00 | \$77,000.00 |
| | 42.18 Cold Planning | | | | |
| | 42.18.8 >25mm<=50mm | m ² | 9570 | \$4.00 | \$38,280.00 |
| 43 | Curb | | | | |
| | 43.1 Concrete Curb & Gutter | m | 2000 | \$130.00 | \$260,000.00 |
| 44 | Sidewalk | | | | |
| | 44.1 Concrete Sidewalk - 100mm Thick | m ² | 400 | \$80.00 | \$32,000.00 |
| 46 | Traffic Sign Base | | | | |
| | 46.1 Urban Traffic Sign Post | ea. | 7 | \$400.00 | \$2,800.00 |

| | | | | | |
|----|---|----------------|------|---------|-------------|
| 50 | Topsoil and Sod 50.1 Topsoil and Sod - 150mm Thick | m ² | 2700 | \$12.00 | \$32,400.00 |
|----|---|----------------|------|---------|-------------|

ADDITIONAL ITEMS

| | | | | | |
|----|---------------------------------|----------------|------|---------|------------|
| 65 | Pavement Markings | | | | |
| | 65.1 Lines | | | | |
| | 65.1.1 White Solid Single Line | m | 915 | \$2.00 | \$1,830.00 |
| | 65.1.2 White Broken Single Line | m | 1305 | \$2.00 | \$2,610.00 |
| | 65.2 Stop Bars | m | 30 | \$10.00 | \$300.00 |
| | 65.3 Crosswalks | m | 195 | \$10.00 | \$1,950.00 |
| | 65.4 Hatching | m ² | 5 | \$15.00 | \$75.00 |
| | 65.5 Arrows | ea. | 8 | \$75.00 | \$600.00 |
| | 65.1.6 Bicycle Traffic Symbols | ea. | 8 | \$75.00 | \$600.00 |

ELECTRICAL

| | | | | | |
|----|---|-----|---|------------|------------|
| 86 | Reinstate Traffic Signal Loop Detector/Scoot Loops | ea. | 4 | \$2,000.00 | \$8,000.00 |
|----|---|-----|---|------------|------------|

Subtotal **\$765,920.00**

Net HST (4.286%) **\$32,827.33**

Project Total **\$798,747.33**

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 return it to my attention. If you have any questions, please contact me at 490-4837.

Thank you,



Mark Feener, P.Eng.
Project Engineer
Halifax Water

Mayor

Witness

Municipal Clerk

Witness