

Item No. 10.1.4
Halifax Regional Council
April 24, 2012

TO: Mayor Kelly and Members of Halifax Regional Council

SUBMITTED BY: Original signed by 
Richard Butts, Chief Administrative Officer

Original Signed by 
Mike Labrecque, Deputy Chief Administrative Officer

DATE: March 26, 2012

SUBJECT: Award - Unit Price Tender No. 12-209, Micro Surfacing – Phase 1 –
Various Locations

ORIGIN

The Approved Advanced 2012/13 Project Budget.

RECOMMENDATIONS:

It is recommended that Council:

1. Approve a budget increase of \$20,857.20 (net HST included) to Project Account No. CYX01345 – Street Recapitalization, funded through cost sharing with Heritage Gas;
2. Approve a budget increase of \$88,716.10 (net HST included) to Project Account No. CYX01345 – Street Recapitalization, funded through cost sharing with Halifax Water; and,
3. Award Tender No. 12-209, Micro Surfacing – Phase 1 – Various Locations, to the lowest bidder meeting specifications, Industrial Cold Milling for a Total Tender Price of \$1,354,246.63 (net HST included) with funding from Project Account No. 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 micro surfacing of various locations within the HRM.

DISCUSSION

Tenders were called on March 13, 2012 and closed on March 23, 2012. Bids were received from the following companies:

| <u>Name of Company</u> | <u>Bid Price (net HST included)</u> |
|-------------------------------------|--|
| Industrial Cold Milling | \$1,354,246.63 * |
| Dexter Construction Company Limited | \$1,456,599.06 |

***recommended bidder**

The scope of work for this tender generally consists of the installation of new micro surfacing and associated reinstatement.

It is anticipated that work will commence when the weather permits in the Spring and take eight 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.

BUDGET IMPLICATIONS

Based on the lowest tendered price of \$1,298,589.10 plus net HST of \$55,657.53 for a net total of \$1,354,246.63, funding is available in the Approved Advanced 2012/13 Project Budget from Project Account No. CYX01345 – Street Recapitalization. The budget availability has been confirmed by Financial Services.

Budget Summary: Project Account No. CYX01345 – Street Recapitalization

| | |
|---|--------------------------------|
| Cumulative Unspent Budget | \$7,312,215.70 |
| Plus: Halifax Water Cost Sharing | \$ 88,716.10 |
| Plus: Heritage Gas Cost Sharing | \$ 20,857.20 |
| Less: Tender No. 12-209 | <u>\$1,354,246.63</u> * |
| Balance | \$6,067,542.37 |

* This project was estimated at \$1,075,000. As a result of cost sharing from Halifax Water and Heritage Gas, the net cost to Project Account No. CYX01345 is \$1,244,673.33.

The balance of funds will be used to implement the remaining 2012/13 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. For cost shared projects add the following. If approved, this will increase the gross 2012/13 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.

ATTACHMENTS

- A1 - Halifax Water Cost Sharing Agreement
- A2 - Heritage Gas Cost Sharing Agreement
- A3 - Street List

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. Senior Design Engineer, Design & Construction Services at 490-6820

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: _____
Ken Reashor, P.Eng., Director, Transportation & Public Works at 490-4855

JS/pm

MEMORANDUM

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

CC: David Hubley, P.Eng., Manager, Design and Construction Services, Transportation and Public Works
 Jamie Hannam, P.Eng., MBA, Director of Engineering and IS, Halifax Water
 Jeff Spares, P.Eng., Sr. Design Engineer, Design and Construction Services, Transportation and Public Works

FROM: Peter Lynds, P.Eng., Design Engineer, Design and Construction Services, Transportation and Public Works

DATE: March 23, 2012.

SUBJECT: **Tender No. 12-209, Micro Surfacing – Phase 1, Various Locations – West/Central/East Region**

Tender No. 12-209, Micro Surfacing – Phase 1, Various Locations – West/Central/East Region, closed on Friday, March 23, 2012. Prior to tender award, a cost sharing agreement must be finalized between Halifax Regional Municipality (HRM) and Halifax Water (HW).

Enclosed is a summary for the items associated with the watermain and sewer work for this project. In the most recent discussions on this subject, HW has agreed to pay for the manhole and water valve adjustments, and the manhole frame and cover replacements, which (based on the agreed upon rates) are as follows:

Manhole and Water Valve Adjustments, and Manhole Frame and Cover Replacements

| | | |
|---|------------------------------|-----------------------|
| Cost for Shaft Adjustment (Manhole) | | |
| 0 – 250 mm Adjustment | 80 x \$448.00/Ea. x 100% | = \$ 35,840.00 |
| Cost for Shaft Adjustment (Manhole) | | |
| 250 mm – 450 mm Adjustment | 20 x \$448.00/Ea. x 100% | = \$ 8,960.00 |
| Cost for Type 1 Water Valve Adjustment | 30 x \$330.00/Ea. x 100% | = \$ 9,900.00 |
| Cost for Type 2 Water Valve Adjustment | 20 x \$253.00/Ea. x 100% | = \$ 5,060.00 |
| Cost for Type 3 Water Valve Adjustment | 10 x \$559.00/Ea. x 100% | = \$ 5,590.00 |
| Cost to Replace Frames and Grates or Covers (Including Final Grade Adjustment) | | |
| Adjustable Frame and R-10 Cover with HRWC Logo (Provisional) | 20 x \$986.00/Ea. x 100% | = \$ 19,720.00 |
| | Subtotal | = \$ 85,070.00 |
| | Net HST (i.e. 4.286%) | = \$ 3,646.10 |
| | Project Total | = \$ 88,716.10 |

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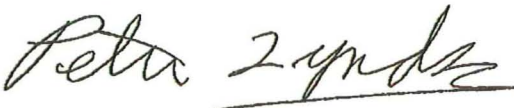
Memo – Tender No. 12-209
March 23, 2012
Page 2

Based on the agreed upon rates and the above cost sharing, HW's costs for Tender No. 12-209, Micro Surfacing – Phase 1, Various Locations – West/Central/East Region is \$85,070.00 plus net HST for a Project Total of \$88,716.10.

Actual Cost Sharing for this project will be based on final quantities determined during construction.

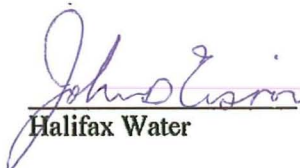
If you agree to this arrangement, please indicate by signing below and return it to my attention. If you have any questions, please call me at 490-6898.

Sincerely,



Peter Lynds, P.Eng.,
Design Engineer

PML/pm



Halifax Water

April 2, 2012
Date

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MEMORANDUM

TO: Michel Sarrouy, P.Eng., Heritage Gas

CC: David Hubley, P.Eng., Manager, Design and Construction Services, Transportation and Public Works
Jeff Spares, P.Eng., Sr. Design Engineer, Design and Construction Services, Transportation and Public Works
Allison Coffin, P.Eng., Heritage Gas

FROM: Peter Lynds, P.Eng., Design Engineer, Design and Construction Services, Transportation and Public Works

DATE: March 26, 2012

SUBJECT: Tender No. 12-209, Micro Surfacing – Phase 1, Various Locations

Tender No. 12-209, Micro Surfacing – Phase 1, Various Locations, closed Friday, March 23, 2012. Prior to tender award, a cost sharing agreement must be finalized between Halifax Regional Municipality (HRM) and Heritage Gas. Enclosed is a bid comparison summary for the items associated with the micro surfacing of streets included in this tender by Heritage Gas. They are from the lowest bidder, Industrial Cold Milling.

In the most recent discussions with this subject, Heritage Gas has agreed to pay 100% of the cost of the micro surfacing for Bedford Highway (Civic No. 950 to Civic No. 950). Heritage Gas has agreed to fund this work as they recently installed a gas line in this area within two years of a HRM paving project. Based on the unit prices, the cost for Heritage Gas is as follows:

| | <u>Unit</u> | <u>Total</u> |
|--|------------------|--------------------|
| Micro Surfacing with Scratch Course (Arterials) (This item includes applying a micro surface quantity equal to 752 m ² , and includes all adjustment to existing structures, all pavement marking works, and all reinstatement) (Provisional) | Lump Sum | \$20,000.00 |
| | | ----- |
| | Project Subtotal | \$20,000.00 |
| | Net HST (4.286%) | \$ 857.20 |
| | | ----- |
| | Project Total | \$20,857.20 |
| | | ===== |

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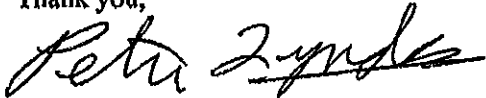
Memo – Tender No. 12-209
March 26, 2012
Page 2

Based on the low bidder's tender prices and the above cost sharing, the cost to Heritage Gas for Tender No. 12-209, Micro Surfacing – Phase 1, Various Locations, will be \$20,857.20.

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 below and return it to my attention. If you have any questions, please call me at 490-6898.

Thank you,



Peter Lynds, P.Eng.,
Design Engineer

PML/rch.



Michel Sarrony, P.Eng.,
Heritage Gas

March 30, 2012

Date

Micro Surfacing – Phase 1
Street List

| <u>District</u> | <u>Road Name</u> | <u>From</u> | <u>To</u> |
|------------------------|---------------------------|----------------------|------------------------------|
| 2 | Majestic Avenue | Beaver Bank Road | Monarch Drive |
| 2/6 | Waverley Road | Spider Lake Road | Civic No. 1376 |
| 6 | Valleyfield Road | Tacoma Drive | Lawson Avenue |
| 6 | Tacoma Drive | Valleyfield Road | Main Street |
| 8 | Romkey Drive | Osborne Drive | Osborne Drive |
| 8 | Redoubt Way | Shore Road | End Leg Fort York Passage |
| 9 | Albro Lake Road | Victoria Road | Windmill Road |
| 11 | Connaught Avenue (West) | Windsor Street | Roslyn Road |
| 11 | Connaught Avenue (East) | Windsor Street | Chisholm Avenue |
| 16 | Castle Hill Drive | Grosvenor Road | Kearney Lake Road |
| 17 | Mayo Street | Osborne Street | Withrod Drive |
| 17 | Osborne Street | North West Arm Drive | Mayo Street |
| 18 | Purcells Cove Road | Fergusons Cove Road | Fergusons Cove Road |
| 18 | Herring Cove Road | Levis Street | Greystone Drive |
| 20 | Glendale Drive | Metropolitan Avenue | Pinehill Drive |
| 20 | Glendale Drive | Chandler Drive | 300 m north of Cobequid Road |
| 21 | Bedford Highway | Civic No. 950 | Civic No. 950 |
| 22 | Trunk No. 3 | Devonshire Drive | North Green Road |
| 22 | Timberlea Village Parkway | Trunk No. 3 | Highway No. 103 |

PLEASE NOTE:

Staff wish to advise that the above street listing may change slightly depending on a further evaluation of road conditions at the time of the Micro Surface application. As a consequence, additional streets may be added or the list changed, depending upon that evaluation.