



Item No. 11.1.1
Halifax Regional Council
April 29, 2014

TO: Mayor Savage 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 24, 2014

SUBJECT: Award - Unit Price Tender No. 14-200, Pavement and Sidewalk
Renewal & New Gas Main – Duncan Street and Walnut Street – West
Region

ORIGIN

The Approved 2014/15 Project Budget.

LEGISLATIVE AUTHORITY

Under the HRM Charter, Section 79 Halifax Regional Council may expend money for municipal purposes. Administrative Order #35, the Procurement Policy, requires Council to approve the award of contracts for sole sources exceeding \$50,000 or \$500,000 for tenders and RFPs.

RECOMMENDATIONS:

It is recommended that Council:

1. Approve a budget increase of \$12,324.10 (net HST included) to Project Account No. CR000005 – Street Recapitalization, funded through cost sharing with the Halifax Water;
2. Approve a budget increase of \$293,002.47 (net HST included) to Project Account No. CR000005 – Street Recapitalization, funded through cost sharing with Heritage Gas; and
3. Award Tender No. 14-200, Pavement and Sidewalk Renewal & New Gas Main – West Region, to the lowest bidder meeting specifications, to Dexter Construction Company for a Total Tender Price of \$923,139.67 (net HST included) with funding from Project Account No(s). CR000005 – Street Recapitalization and CKU01084 – Sidewalk Renewal, as outlined in the Financial Implications section of this report.

BACKGROUND

The Approved 2014/15 Project Budget includes funds for the pavement and sidewalk renewal of Duncan Street and Walnut Street from Harvard Street to Windsor Street and Coburg Road to Jubilee Road, respectively.

DISCUSSION

Tender # 14-200 was publicly advertised on the Province of Nova Scotia's Procurement website on March 6, 2014 and closed on March 20, 2014. Bids were received from following companies:

<u>Name of Company</u>	<u>Bid Price (net HST included)</u>
Dexter Construction Company Limited	\$ 923,139.67*
Sackville Trenching Limited	\$ 947,297.52
Ocean Contractors Limited	\$ 985,502.70
Basin Contracting Limited	\$1,254,903.16

***recommended bidder**

The scope of work for this tender generally consists of the pavement renewal of Duncan and Walnut Streets by removing existing asphalt and resurfacing with asphalt. Also included is the removal and replacement of the existing sidewalk (north side) on Walnut Street and the existing sidewalk (north side) on Duncan Street from Harvard Street to Chebucto Lane. The work also includes new gas main installation on Duncan and Walnut Street.

Included in this contract are associated curb repair and replacement, sewer repairs (Walnut Street), landscaping reinstatement and associated manhole, catchbasin and valve adjustments.

It is anticipated that work will commence within three 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.

FINANCIAL IMPLICATIONS

Based on the lowest tendered price of \$885,200.00 plus net HST of \$37,939.67, for a net total of \$923,139.67, funding is available in the Approved 2014/15 Project Budget from Project Account No(s). CR000005 – Street Recapitalization and CKU01084 – Sidewalk Renewals. The budget availability has been confirmed by Finance.

Budget Summary: **Project Account No. CR000005 – Street Recapitalization**

Cumulative Unspent Budget	\$7,476,468.51
Plus: Halifax Water Cost Share	\$ 12,324.10
Plus: Heritage Gas Cost Share	\$ 293,002.47
Less: Tender No. 14-200	<u>\$ 608,680.88</u> *
Balance	\$7,173,114.20

Project Account No. CKU01084 – Sidewalk Renewals

Cumulative Unspent Budget	\$2,565,443.28
Less: Tender No. 14-200	<u>\$ 314,458.79</u> *
Balance	\$2,250,984.49

*This project was estimated in the Approved 2014/15 Project Budget at \$265,000 and \$325,000 respectively. As a result of cost sharing from the Halifax Water and Heritage Gas, the net cost to Project Account No. CR000005 is \$303,354.33 and Project Account No. CKU01084 is \$314,458.78.

The balance of funds will be used to implement the remaining 2014/15 Street Recapitalization and Sidewalk Renewal projects approved by Council.

ENVIRONMENTAL IMPLICATIONS

Implications not identified.

ALTERNATIVES

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

ATTACHMENTS –

- A1 – 14-200 - Heritage Gas Cost Share Agreement
- A2 – 14-200 - HW Cost Share Agreement

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: Jamie Wile, Design Engineering Technologist, Design & Construction Services at 490-6869

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

Procurement Review: _____
Anne Feist, Manager, Procurement at 490-4200

Report Approved by: _____
Kathleen Llewellyn-Thomas, P.Eng., A/Director, Transportation & Public Works at 490-4855

JW/kr

MEMORANDUM

TO: Bill Swan, President, Heritage Gas Limited, HGL

CC: Bruce Colborne, P.Eng., A/Manager, Design and Construction Services, HRM

FROM: Dylan Hayne, P.Eng., Design Engineer, Design and Construction Services, HRM

DATE: March 21, 2014

SUBJECT: Cost Share Agreement – Tender No. 14-200 Duncan Street & Walnut Street

Tender No. 14-200, Duncan Street and Walnut Street, Pavement & Curb Renewal, New Gas Main, West Region, closed March 20, 2014. Prior to tender award, a cost sharing agreement must be finalized between Halifax Regional Municipality (HRM) and Heritage Gas Limited (HGL).

Enclosed is a bid comparison summary for the items associated with the gas main works from the lowest bidder, Dexter Construction Company Limited.

In the most recent discussions on this subject, HGL has agreed to pay for the gas main installation along with 50% of the asphalt, gravel and fine grading reinstatement cost relating to their work, which (based on the unit prices) is as follows:

(A) Cost for Gas Main Installation – Walnut Street (Coburg Rd to Jubilee Rd)

	Description	Unit	Unit Price	Quantity	Total Price
93.	Trench Excavation – Rock (Provisional)	m	\$35.00	80	\$2,800.00
94.	MDPE Gas Distribution Pipe				
94(a)	NPS 2	m	\$140.00	385	\$53,900.00
94(c)	NPS ½ (Provisional)	m	\$145.00	140	\$20,300.00
94(e)	NPS ½ (Provisional)	Ea.	\$610.00	18	\$10,980.00
94(f)	NPS ½ (Provisional)	Ea.	\$610.00	8	\$4,880.00
Subtotal:					\$92,860.00

(B) Cost for Gas Main Installation – Duncan Street (Harvard St to Windsor St)

	Description	Unit	Unit Price	Quantity	Total Price
93.	Trench Excavation – Rock (Provisional)	m	\$35.00	100	\$3,500.00
94.	MDPE Gas Distribution Pipe				
94(a)	NPS 2	m	\$195.00	479	\$93,405.00
94(c)	NPS ½ (Provisional)	m	\$200.00	180	\$36,000.00
94(e)	NPS ½ (Provisional)	Ea.	\$600.00	23	\$13,800.00
94(f)	NPS ½ (Provisional)	Ea.	\$600.00	11	\$6,600.00
Subtotal:					\$153,305.00

(C) Reinstatement Cost - Walnut Street (Coburg Rd to Jubilee Rd)

Pavement Reinstatement Cost Shared Area: 1.0 m x (385 m, Main + 35 m, Services) = 420 m²

Cost of Fine Grading of Road Surface	420 m ² x \$1.00/m ² x 50%	= \$210.00
Cost of Type 1 Gravel - levelling	69 t x \$24.00/t x 50%	= \$828.00
Cost of Type D-HF - 40 mm thick	420 m ² x \$17.00/m ² x 50%	= \$3,570.00
Cost of Type B-HF – 50 mm thick	420 m ² x \$19.00/m ² x 50%	= \$3,990.00
Cost of Asphalt Removal	420 m ² x \$7.00/m ² x 50%	= \$1,470.00

Services Reinstatement

Cost of Curb Reinstatement	20 m x \$100.00/m x 100%	= \$2,000.00
Cost of Type 1 Gravel – 150 mm (curb cut)	12 m ² x \$22.00/m ² x 100%	= \$264.00
Cost of Sidewalk Reinstatement - 100 mm thick	20 m ² x \$83.00/m ² x 100%	= \$1,660.00
Cost of Sidewalk Reinstatement – 150 mm thick	20 m ² x \$95.00/m ² x 100%	= \$1,900.00
Cost of Driveway Reinstatement, Asphalt	30 m ² x \$62.00/m ² x 100%	= \$1,860.00
Cost of Topsoil and Sod Reinstatement	40 m ² x \$10.00/m ² x 100%	= \$400.00

Subtotal: \$18,152.00

(D) Reinstatement Cost - Duncan Street (Harvard St to Windsor St)

Pavement Reinstatement Cost Shared Area: 1.0 m x (479 m, Main + 50 m, Services) = 529 m²

Cost of Type D-HF - 50 mm thick	529 m ² x \$19.00/m ² x 50%	= \$5,025.50
Cost of Cold Planing	529 m ² x \$4.00/m ² x 50%	= \$1,058.00

Services Reinstatement

Cost of Curb Reinstatement	25 m x \$110.00/m x 100%	= \$2,750.00
Cost of Type 1 Gravel – 150 mm (curb cut)	15 m ² x \$22.00/m ² x 100%	= \$330.00
Cost of Sidewalk Reinstatement - 100 mm thick	25 m ² x \$85.00/m ² x 100%	= \$2,125.00
Cost of Sidewalk Reinstatement – 150 mm thick	25 m ² x \$95.00/m ² x 100%	= \$2,375.00
Cost of Driveway Reinstatement, Asphalt	40 m ² x \$62.00/m ² x 100%	= \$2,480.00
Cost of Topsoil and Sod Reinstatement	50 m ² x \$10.00/m ² x 100%	= \$500.00

Subtotal: \$16,643.50

Based on the bidder's tender prices and the above cost sharing, HGL's costs for Tender No. 14-200, Duncan Street & Walnut Street, can be summarized as follows:

(A) Cost for Gas Main Installation – Walnut Street (Coburg Rd to Jubilee Rd)	\$92,860.00
(B) Cost for Gas Main Installation – Duncan Street (Harvard St to Windsor St)	\$153,305.00
(C) Reinstatement Cost - Walnut Street (Coburg Rd to Jubilee Rd)	\$18,152.00
(D) Reinstatement Cost - Duncan Street (Harvard St to Windsor St)	\$16,643.50
Total:	\$280,960.50
Net HST (4.286%):	<u>\$12,041.97</u>
Grand Total:	\$293,002.47

Actual cost sharing for this project will be based on final quantities determined during construction including any extra costs related to the HGL works.

If you agree to this arrangement, please indicate by signing the enclosed copy and return it to my attention. If you any questions, contact me at 490-1457.

Thank you,

Dylan Hayne, P.Eng.
Design Engineer

Original Signed

Bill Swan, President
Heritage Gas Limited

APRIL 3, 2014

Date

M E M O R A N D U M

TO: Greg Rice, P.Eng., Project Engineer, Engineering and Information Services, HW

CC: Bruce Colborne, P.Eng., A/Manager, Design and Construction Services, HRM
Jamie Hannam, P.Eng., Director, Engineering and Information Services, HW

FROM: Dylan Hayne, P.Eng., Design Engineer, Design and Construction Services, HRM

DATE: March 21, 2014

SUBJECT: **Cost Share Agreement – Tender No. 14-200 Duncan Street & Walnut Street**

Tender No. 14-200, Duncan Street and Walnut Street, Pavement & Curb Renewal, New Gas Main, West Region, closed March 20, 2014. Prior to tender award, a cost sharing agreement must be finalized between Halifax Regional Municipality (HRM) and Halifax Water (HW).

Enclosed is a bid comparison summary for the items associated with the sewer works from the lowest bidder, Dexter Construction Company Limited.

In the most recent discussions on this subject, HW has agreed to pay for the sewer lateral replacement and catchbasin lead replacement along with 50% of the asphalt, gravel and fine grading reinstatement cost relating to their work, which (based on the unit prices) is as follows:

(A) Costs for Sewer Lateral Replacement & Catchbasin Lead Replacement

	Description	Unit	Unit Price	Quantity	Total Price
<u>Sanitary</u>					
23	Services				
23.1.1	100 mm dia. PVC DR28 sanitary pipe	m	\$500.00	11	\$5,500.00
<u>Storm</u>					
33	Catchbasin Leads				
23.1.1	200 mm dia. PVC DR35 storm pipe				
	From CB837 to sewer main	m	\$750.00	7	\$5,250.00
Subtotal:					\$10,750.00

(B) Reinstatement over Sewer Replacements**Reinstatement Area (Cost shared with HW & HRM): 2.0 m x 14 m = 32 m²**

Cost of Fine Grading of Road Surface	32 m ² x \$1.00/m ² x 50%	= \$16.00
Cost of Type 1 Gravel - levelling	5.3 t x \$24.00/t x 50%	= \$63.60
Cost of Type D-HF - 40 mm thick	32 m ² x \$17.00/m ² x 50%	= \$272.00
Cost of Type B-HF – 50 mm thick	32 m ² x \$19.00/m ² x 50%	= \$304.00
Cost of Asphalt Removal	32 m ² x \$7.00/m ² x 50%	= \$112.00
Cost of Curb Reinstatement	3.0 m x \$/m ² x 100%	= <u>\$300.00</u>
	Subtotal:	\$1,067.60

Based on the bidder's tender prices and the above cost sharing, HW's costs for Tender No. 14-200, Duncan Street & Walnut Street, can be summarized as follows:

(A)	Costs for Sewer Lateral Replacement & Catchbasin Lead Replacement	\$10,750.00
(B)	Reinstatement over Sewer Replacements	<u>\$1,067.60</u>
	Total:	\$11,817.60
	Net HST (4.286%):	<u>\$506.50</u>
	Grand Total:	\$12,324.10

Actual cost sharing for this project will be based on final quantities determined during construction including any extra costs related to the HW works.

If you agree to this arrangement, please indicate by signing the enclosed copy and return it to my attention. If you any questions, contact me at 490-1457.

Thank you,

Original Signed

Dylan Hayne, P.Eng.
Design Engineer

Original Signed

Greg Rice, P.Eng.
Halifax Water

March 24, 2014
Date