



Media Release: Immediate

Regional Municipality of Waterloo

Consolidated

Council Agenda

Wednesday, March 22, 2017

Closed Session 6:00 p.m.

Waterloo County Room

Regular Meeting 7:00 p.m.

Regional Council Chamber

150 Frederick Street, Kitchener, ON

*Denotes Item(s) Not Part of Original Agenda

- 1. Moment of Silence**
- 2. Roll Call**
- 3. Motion To Go Into Closed Session**

That a closed meeting of Council be held on Wednesday, March 22, 2017 at 6:00 p.m. in the Waterloo County Room in accordance with Section 239 of the Municipal Act, 2001, for the purposes of considering the following subject matters:

- a) proposed or pending litigation and acquisition of land in the City of Kitchener
- b) proposed or pending litigation and acquisition of land in the City of Kitchener
- c) proposed or pending litigation and receiving of advice subject to solicitor-client privilege related to an agreement

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- d) proposed or pending acquisition of land in the City of Kitchener
 - e) labour relations regarding contract negotiations
 - * f) proposed or pending litigation and receiving of advice subject to solicitor-client privilege related to an agreement Regional Development Charges
- 4. Motion to Reconvene Into Open Session**
- 5. Declaration of Pecuniary Interest Under the “Municipal Conflict of Interest Act”**
- 6. Presentations**
- a) Jennifer Murray, President, Friends of Waterloo Region Museum, Re: Cheque Presentation, Sponsorship of Tyrannosaurs: Meet the Family” Exhibit
- 7. Petitions**
- 8. Delegations**
- * a) Debbie Normore, Re: Stage2 ION in Cambridge (note: speaker changed)
- 9. Minutes of Previous Meetings**
- a) Closed Council – February 22, 2017
 - b) Council – February 22, 2017
 - c) Planning & Works – March 7, 2017
 - d) Administration & Finance – March 7, 2017
 - e) Closed Committee – March 7, 2017
 - f) Special Council – March 7, 2017
 - g) Community Services – March 7, 2017
- 10. Communications**
- a) Council Information Package – Friday, March 17, 2017 (**Distributed Electronically**)
- 11. Motion To Go Into Committee Of The Whole To Consider Reports**

12. Reports

Finance Reports

- a) **COR-TRY-17-14**, P2017-03 Transit Coaches 7

Recommendation:

That the Regional Municipality of Waterloo accept the proposal of New Flyer Bus Industries Canada ULC for P2017-03 Transit Coaches in the amount of \$5,327,487.00 plus all applicable taxes as set out in report COR-TRY-17-14 dated March 22, 2017.

- b) **COR-TRY-17-15**, P2014-52 Wheelchair Accessible Mini Buses 9

Recommendation:

That the Regional Municipality of Waterloo accept the proposal of Overland Custom Coach (2007) Inc. for the supply of three (3) Wheelchair Accessible Mini Buses for Grand River Transit MobilityPLUS at a total cost of \$282,815.00 plus applicable taxes as set out in report COR-TRY-17-15 dated March 22, 2017.

- c) **COR-TRY-17-16**, Ambulance Body Purchase 11

Recommendation:

That the Regional Municipality of Waterloo approve the purchase of two (2) Type III Ambulance Bodies from Demers Ambulance Inc. in the amount of \$204,826.00 plus all applicable taxes as outlined in report COR-TRY-17-16 dated March 22, 2017.

- d) **COR-TRY-17-17**, T2017-115 Application of Pavement Markings 13

Recommendation:

That the Regional Municipality of Waterloo accept the tender of Guild Electric Ltd. for T2017-115 Application of Pavement Markings for a one (1) year period starting April 15, 2017 in the amount of \$217,368.00 plus all applicable taxes with the option to renew for four (4) additional one (1) year periods as set out in report COR-TRY-17-17 dated March 22, 2017.

- e) **COR-TRY-17-18**, T2017-111 Reconstruction of Regional Road No. 4 (Ottawa Street) from Imperial Drive to Alpine Road, Kitchener, ON 15

Recommendation:

That the Regional Municipality of Waterloo accept the tender of Capital Paving Inc. for T2017-111 Reconstruction of Regional Road No. 4 (Ottawa Street) from Imperial Drive to Alpine Road, Kitchener, ON in the amount of \$6,548,041.43 plus all applicable taxes as set out in report COR-TRY-17-18 dated March 22, 2017.

- f) **COR-TRY-17-19**, T2017-101 Sawmill Road and Northfield Drive Improvements, Village of Conestogo, Township of Woolwich 18

Recommendation:

That the Regional Municipality of Waterloo accept the tender of Steed and Evans Limited for T2017-101 Sawmill Road and Northfield Drive Improvements, Village of Conestogo, Township of Woolwich in the amount of \$4,862,500.00 plus all applicable taxes as set out in report COR-TRY-17-19 dated March 22, 2017.

- g) **COR-TRY-17-20**, T2017-108 2017 Rural Resurfacing and Bridge Rehabilitation at Various Locations, Townships of North Dumfries, Wilmot, and Oxford and Perth County, Ontario 23

Recommendation:

That the Regional Municipality of Waterloo accept the tender of Coco Paving Inc. for T2017-108 2017 Rural Resurfacing and Bridge Rehabilitation at Various Locations, Townships of North Dumfries, Wilmot and Oxford and Perth County, Ontario in the amount of \$11,573,000.00 plus all applicable taxes as set out in report COR-TRY-17-20 dated March 22, 2017;

And that the Regional Municipality of Waterloo approve an increase in the project cost of \$124,400.00 for the Region's share of the project to be funded from the Roads Rehabilitation Reserve;

And that the Regional Municipality of Waterloo approve an increase in the project cost of \$2,478,400.00 gross and \$0 net to facilitate work undertaken on behalf of Oxford County;

And that the Regional Municipality of Waterloo approve an increase in the project cost of \$463,200.00 gross and \$0 net to facilitate work undertaken on behalf of Perth County.

- h) [COR-TRY-17-21](#), P2016-31 Supply, Installation and Fifteen (15) Years of Maintenance for a P25 Voice Radio System 27A

* **Recommendation:**

That the Regional Municipality of Waterloo accept the proposal of Motorola Solutions Canada Inc. for the P2016-31 Supply, Installation and Fifteen (15) years of Maintenance for a P25 Voice Radio System in the amount of \$25,344,374.00 plus all applicable taxes as set out in report COR-TRY-17-21 dated March 22, 2017;

And that the Regional Municipality of Waterloo authorize the Evaluation Team to negotiate the contract Terms and Conditions subject to the approval of the Regional Solicitor;

And that the Regional Municipality of Waterloo advance funds in the amount of \$1,499,000 from 2018 to 2017 within various Regional Capital Program budgets as outlined in Table 4b for the Voice Radio User Gear Replacement;

And that report COR-TRY-17-21 be forwarded to the Waterloo Region Police Services Board and all area municipality councils for information.

- * i) [COR-TRY-17-22](#), Regional Council and Council Appointee Remuneration and Expenses for the Year Ended December 31, 2016 (Information) 27Q

Committee Reports

- a) Planning & Works - attached & marked [PS-170307](#) 28
- b) Administration & Finance - attached & marked [FS-170307](#) 32
- c) Community Services - attached & marked [SS-170307](#) 34
- * [Association of Local Public Health Agencies](#), Re: Public Health Programs and Services Consultation (Item 1 on Summary of Recommendations of the Community Services Committee) 34A

Chief Administrative Officer

Regional Chair

Regional Clerk

13. Other Matters Under Committee Of The Whole

- a) **TES-WAS-17-12**, Waterloo, Kitchener and Galt Cogeneration: Approval to File Renewable Energy Approval Application 35

Recommendation:

That the Regional Municipality of Waterloo direct staff to submit the Renewable Energy Approval Applications for the Waterloo, Kitchener and Galt Cogeneration Facilities to the Ministry of the Environment and Climate Change (MOECC) for review and subsequent filing as summarized in this Report TES-WAS-17-12 dated March 22, 2017;

And that the Regional Municipality of Waterloo publish the Notice of Posting to the Environmental Registry once the MOECC has completed their review and the application has been posted by the MOECC to the Environmental Registry for a 30 day public comment period, in accordance with the “Environmental Protection Act, Renewable Energy Approvals” under Part V.0.1 of the Act (O. Reg. 359/09).

14. Motion For Committee Of The Whole To Rise And Council Resume

15. Motion To Adopt Proceedings Of Committee Of The Whole

16. Motions

17. Notice of Motion

18. Unfinished Business

19. Other Business

20. Questions

21. Enactment Of By-laws – First, Second & Third Readings

- a) A By-law to Amend By-law 58-87, Being the Region’s Controlled Access By-law (Regional Road #28, Homer Watson Boulevard)
- b) A By-law to Expropriate Lands for the Reconstruction of Fountain Street (Regional Road 17) from Kossuth Road / Fairway Road to Cherry Blossom Road, in the City of Cambridge, in the Region of Waterloo
- c) A By-law to Confirm the Actions of Council – March 22, 2017

22. Adjourn



Report: COR-TRY-17-14

Region of Waterloo
Corporate Services
Treasury Services (Procurement)

To: Regional Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017

File Code: F18-40

Subject: P2017-03 Transit Coaches

Recommendation:

That the Regional Municipality of Waterloo accept the proposal of New Flyer Bus Industries Canada ULC for P2017-03 Transit Coaches in the amount of \$5,327,487.00 plus all applicable taxes as set out in report COR-TRY-17-14 dated March 22, 2017.

Report:

On October 4, 2016, Regional Council approved a list of projects to be funded (50%) under the Federal Public Transit Infrastructure Fund (PTIF) program and directed staff to prepare the 2017-2026 GRT Capital Plan in accordance with the approved project list (Report COR-FSD-16-24/TES-TRS-16-21). Accordingly, the revised GRT Capital Plan included the purchase of sixty-six (66) transit buses in 2017. Included in the sixty-six (66) buses are nine (9) ION branded buses to be placed in service in conjunction with the LRT service launch. Request for Proposal # P2017-03 Transit Coaches was issued for these nine (9) Ion buses. The buses have several enhanced features including an ION stylized exterior incorporating full length roof cowlings, frameless windows and aluminum wheels. Interior features include high back seating and USB charging ports. These ION branded buses will replace 9 buses, originally acquired in 2015 when the aBRT service was launched, which will be redeployed on other GRT routes.

Proposals were called for P2017-03 Transit Coaches and were advertised in the Record, on the Ontario Public Buyers Association website and on the Region's website. Two (2) proposals were received. The proposals were evaluated using pre-determined criteria which included compliance to specification, delivery and price. Following the

qualitative evaluation, both price envelopes were opened. The proposal submitted by New Flyer Industries Canada ULC obtained the highest overall score. Proposals were opened in the presence of L. Smith, B. Barr and D. Schmidt.

The following proposals were received:

New Flyer Industries Canada ULC	Winnipeg, Mb
Nova Bus, a Division of Volvo Group Canada Inc.	St-Eustache, Qc

The final date of acceptance for this proposal is June 1, 2017.

Corporate Strategic Plan:

Award of this contract meets the 2015-2018 Corporate Strategic Plan objective to create a public transportation network that is integrated, accessible, affordable and sustainable under Strategic Focus Area 2, Sustainable Transportation.

Financial Implications:

Based on the confirmed purchase price from P2017-03 to purchase buses for delivery in 2017, the cost to the Region for the supply of nine (9) transit buses is as follows:

P2017-03	\$5,327,500
Plus: Applicable Net HST of 1.76%	<u>93,800</u>
Total	<u>\$5,421,300</u>

Note: All figures are rounded to the nearest \$100.

The approved 2017 GRT Capital Budget includes \$24,000,000 for forty-eight (48) bus replacements to be funded from federal subsidy (PTIF 50%; \$12,000,000) and the GRT Bus Replacement Reserve (50%; \$12,000,000). Of this budget amount, \$18,483,155 has been committed to the purchase of 39 buses (P2012-22; Report COR-TRY-16-112 dated November 30, 2016). The remaining 2017 budget amount of \$5,516,845 is available for this purchase.

Other Department Consultations/Concurrence:

Grand River Transit staff has been consulted in the preparation of this report.

Attachments: Nil

Prepared By: Lisa Evans, Manager, Procurement/Chief Purchasing Officer

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer



Report: COR-TRY-17-15

Region of Waterloo
Corporate Services
Treasury Services (Procurement)

To: Regional Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017

File Code: F18-40

Subject: P2014-52 Wheelchair Accessible Mini Buses

Recommendation:

That the Regional Municipality of Waterloo accept the proposal of Overland Custom Coach (2007) Inc. for the supply of three (3) Wheelchair Accessible Mini Buses for Grand River Transit MobilityPLUS at a total cost of \$282,815.00 plus applicable taxes as set out in report COR-TRY-17-15 dated March 22, 2017.

Summary: Nil

Report:

In 2014, the Region issued a Request for Proposal P2014-52 for the supply of Kiwanis Transit and MobilityPLUS buses for the period from 2015-2017 (with an option to extend for two one (1) year renewal options). Subsequently, Regional Council accepted the proposal from Overland Custom Coach (Report COR-TRY-15-11 dated February 11, 2015) for delivery of Wheelchair Accessible Mini Buses.

The procurement approach used for the wheelchair accessible mini buses was adopted to enhance the operational benefits of fleet standardization and provide a pricing advantage due to the longer term commitment. The proposal was accepted with the understanding that the quantity of buses ordered and the price will be determined annually subject to final Council approval. This purchase facilitates the replacement of three (3) buses which have reached or surpassed their life expectancy, two (2) for MobilityPLUS and one (1) for Kiwanis Transit.

Corporate Strategic Plan:

Award of this contract meets the 2015-2018 Corporate Strategic Plan objective to create a public transportation network that is integrated, accessible, affordable and sustainable under Strategic Focus Area 2, Sustainable Transportation.

Financial Implications:

P2014-52	\$282,800
Plus: Applicable Net HST of 1.76%	<u>4,400</u>
Total:	<u>\$287,200</u>

Note: All figures are rounded to the nearest \$100.

Paratransit package of \$32,456 is HST exempt.

The approved 2017 GRT Capital Budget includes \$305,000 (Projects 66010, 66011) for these vehicles set out as follows:

Project # 66010 includes \$210,000 for MobilityPLUS replacements (2 units) to be funded from the GRT Service Vehicle Reserve (100%). Of the contract total above, \$196,700 relates to this project.

Project # 66011 includes \$95,000 for one (1) Kiwanis Transit bus to be funded from the GRT MobilityPlus Rural Replacement Reserve (100%). Of the contract total above, \$90,500 relates to this project.

Other Department Consultations/Concurrence:

Grand River Transit staff was consulted in the preparation of this report.

Attachments: Nil

Prepared By: Lisa Evans, Manager, Procurement/Chief Purchasing Officer

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Office



Report: COR-TRY-17-16

Region of Waterloo
Corporate Services
Treasury Services (Procurement)

To: Regional Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017

File Code: F18-30

Subject: Ambulance Body Purchase

Recommendation:

That the Regional Municipality of Waterloo approve the purchase of two (2) Type III Ambulance Bodies from Demers Ambulance Inc. in the amount of \$204,826.00 plus all applicable taxes as outlined in report COR-TRY-17-16 dated March 22, 2017.

Summary: Nil

Report:

On December 16, 2015, Demers Ambulance was named the Vendor of Record for the Region's Type III Ambulances for a three (3) year period ending December 31, 2018 through Council report COR-TRY-15-108. On January 11, 2017, Council approved the addition of (3) ambulance units as part of the 2017 Budget Issue Paper "Paramedic Services Enhancement" as per the Paramedic Services Master Plan (2017-2027).

The ambulance bodies procured through this report will be added to (2) chassis units approved by Council for purchase in 2016 through Council report COR-TRY-16-12 dated February 2, 2016. Fleet Management recommended the purchase of the additional chassis units in 2016, as GM had advised that no new diesel chassis orders would be accepted after February 5, 2016 and a replacement product had not been identified to support the ambulance units utilized by Paramedic Services. The third unit is pending a chassis resolution and Fleet Management plans to bring a future report by May 2017 for the acquisition of this unit to support the ambulance needs of Paramedic Services for 2017.

The final date of acceptance for this proposal is March 30, 2017.

Corporate Strategic Plan:

Award of this contract meets the 2015-2018 Corporate Strategic Plan objective to ensure Regional programs and services are efficient, effective and provide value for money under Strategic Focus Area 5, Responsive and Engaging Government Services.

Financial Implications:

Two (2) Type III Ambulance Bodies	\$204,800
Plus: Applicable Net HST of 1.76%	<u>3,600</u>
Total	<u>\$208,400</u>

Note: All figures are rounded to the nearest \$100.

The approved 2017 Capital Plan for Paramedic Services includes \$460,000 for three (3) new ambulance units in 2017 as approved in the Budget Issue Paper, to be funded from the Capital Levy Reserve (100%). This request is for the purchase of two (2) of the three (3) units approved in the Budget Issue Paper.

The budget of \$460,000 will cover the cost of the acquisition of these two (2) ambulance bodies, as well as the two (2) chassis purchased in advance at a cost of \$76,100 net of the HST rebate, per report COR-TRY-16-12 and the additional ancillary and installation costs estimated at \$22,100 (total \$306,600).

The balance of \$153,400 will be available for the one (1) remaining new ambulance unit and chassis to be purchased later in the 2017 year, as well as the ancillary and installation costs related to that new ambulance unit.

Other Department Consultations/Concurrence:

Paramedic Services and Fleet Management staff was consulted in the preparation of this report.

Attachments: Nil

Prepared By: Lisa Evans, Manager, Procurement/Chief Purchasing Officer

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer



Report: COR-TRY-17-17

Region of Waterloo
Corporate Services
Treasury Services (Procurement)

To: Regional Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017 **File Code:** F18-40

Subject: T2017-115 Application of Pavement Markings

Recommendation:

That the Regional Municipality of Waterloo accept the tender of Guild Electric Ltd. for T2017-115 Application of Pavement Markings for a one (1) year period starting April 15, 2017 in the amount of \$217,368.00 plus all applicable taxes with the option to renew for four (4) additional one (1) year periods as set out in report COR-TRY-17-17 dated March 22, 2017.

Summary: Nil

Report:

Tenders were called for T2017-115 Application of Pavement Markings and were advertised in the Record, on the Ontario Public Buyers Association website and on the Region's website. The tender was received and opened through the Region's e-bidding system and reviewed by Procurement and program area staff.

The following tenders were received:

Guild Electric Ltd.	Toronto, ON	\$217,368.00
Precision Markings Inc.	Innisfil, ON	\$294,550.00
K.D.N. Pavement Markings Ltd.	Rockwood, ON	\$342,440.00

The Application of Pavement Markings tender includes the supply of all labour, equipment and material (traffic paint, field reacted polymeric, and glass beads) for the application of pavement marks (hand machine work) on Regional Roads in the cities of Kitchener, Waterloo and Cambridge.

The final date of acceptance for this tender is May 1, 2017.

Corporate Strategic Plan:

Award of this contract meets the 2015-2018 Corporate Strategic Plan objective to ensure Regional programs and services are efficient, effective and provide value for money under the Strategic Focus Area 5, Responsive and Engaging Government.

Financial Implications:

T2017-115	\$217,400
Plus: Applicable Net HST of 1.76%	<u>3,800</u>
	Total <u>\$221,200</u>

Note: All figures are rounded to the nearest \$100.

The Region's approved 2017 Transportation Operating Budget includes a budget of \$202,000 for Durable Marking. The cost of this work exceeds the operating budget by \$19,200 or 9.5%. Recently updated, provincial guidelines for traffic control in temporary work zones on public roadways now require the use of signs, flashing arrow boards and crash trucks as part of the traffic protection for workers. These requirements, which were only an option in the past, increase the cost of performing this work. There has also been a significant increase in the amount of required pavement markings due to new roundabouts, bicycle lanes, and road construction. The Region currently has a budget of \$20,400 for Purchased Services (Centre and Edge Lining) that can be added to the \$202,000 for a total of \$222,400 to be used for this Application of Pavement Markings tender.

The Contractor, upon request will be granted a rate increase in the additional years of the contract, based on Ontario Consumer Price Index for the preceding twelve (12) month period, to the nearest \$0.05. Price increases must be submitted to the Region one (1) month before the anniversary date for each year. Failure to submit the price request increase as outlined above will result in the request being denied by the Region of Waterloo.

Other Department Consultations/Concurrence:

Transportation Services was consulted in the preparation of this report.

Attachments: Nil

Prepared By: Lisa Evans, Manager, Procurement/Chief Purchasing Officer

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer



Report: COR-TRY-17-18

Region of Waterloo
Corporate Services
Treasury Services (Procurement)

To: Regional Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017

File Code: F18-30

Subject: T2017-111 Reconstruction of Regional Road No. 4 (Ottawa Street) from Imperial Drive to Alpine Road, Kitchener, ON

Recommendation:

That the Regional Municipality of Waterloo accept the tender of Capital Paving Inc. for T2017-111 Reconstruction of Regional Road No. 4 (Ottawa Street) from Imperial Drive to Alpine Road, Kitchener, ON in the amount of \$6,548,041.43 plus all applicable taxes as set out in report COR-TRY-17-18 dated March 22, 2017.

Summary: Nil

Report:

Tenders were called for T2017-111 Reconstruction of Regional Road No. 4 (Ottawa Street) from Imperial Drive to Alpine Road, Kitchener, ON and were advertised in the Record, in the Daily Commercial News, on the Ontario Public Buyers Association website and on the Region's website. The tenders were received and opened through the Region's e-bidding system and reviewed by Procurement and program area staff.

The following tenders were received:

Capital Paving Inc.	Guelph, ON	\$6,548,041.43
E & E Seegmiller Limited	Kitchener, ON	\$7,225,000.00
Steed and Evans Limited	St. Jacobs, ON	\$7,274,000.00

The work of this contract includes the complete reconstruction of Ottawa Street, between Imperial Drive and Alpine Road including replacement of the storm sewer system, replacement of concrete curbs, removal of the existing sidewalk, construction of asphalt paved multi-use trails on both sides of Ottawa Street, and construction of two three-lane roundabouts and additional multi-use trails on the south side of Ottawa Street between Alpine Road and the entrance to McLennan Park and on the east side of Homer Watson Boulevard between Ottawa Street and Hanson Avenue. The reconstruction and widening of Ottawa Street from Imperial Drive to Alpine Road, includes relocating the exit to the existing Highway 7/8 on-ramp from Homer Watson Boulevard to the roundabout at Alpine Road.

Construction is scheduled to start on April 3, 2017 and be substantially complete in October 2017.

The final date of acceptance for this tender is May 30, 2017.

Corporate Strategic Plan:

Award of this contract meets the 2015-2018 Corporate Strategic Plan objective to create a public transportation network that is integrated, accessible, affordable and sustainable under Strategic Focus Area 2, Sustainable Transportation.

Financial Implications:

Region of Waterloo Transportation Division Costs

T2017-111	\$6,548,000
Consultant Engineering	472,000
Street Lighting	225,000
Region Engineering	160,000
Detours, Signals, Signage and Line Painting	140,000
Landscaping	<u>50,000</u>
	Sub-total \$7,595,000
Plus: Applicable net HST of 1.76%	<u>128,400</u>
	Total <u><u>\$7,723,400</u></u>

Note: All figures are rounded to the nearest \$100.

The Region of Waterloo's approved 2017 Transportation Capital Program includes \$7,655,000 in 2017 and \$85,000 in 2018 (total \$7,740,000) for Regional Road No. 4 (Ottawa Street) Reconstruction Imperial Drive to Alpine Road, City of Kitchener (Project 07294) to be funded from the Roads Development Charges Reserve Fund. Based on the low tender result, the cost of this work is \$7,723,400 which is \$16,600 (approximately 0.2%) under the total project budget.

Other Department Consultations/Concurrence:

Design and Construction staff and Transportation staff were consulted in the preparation of this report.

Attachments: Nil

Prepared By: Lisa Evans, Manager, Procurement/Chief Purchasing Officer

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer



Report: COR-TRY-17-19

Region of Waterloo
Corporate Services
Treasury Services (Procurement)

To: Regional Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017

File Code: F18-30

Subject: T2017-101 Sawmill Road and Northfield Drive Improvements, Village of Conestogo, Township of Woolwich

Recommendation:

That the Regional Municipality of Waterloo accept the tender of Steed and Evans Limited for T2017-101 Sawmill Road and Northfield Drive Improvements, Village of Conestogo, Township of Woolwich in the amount of \$4,862,500.00 plus all applicable taxes as set out in report COR-TRY-17-19 dated March 22, 2017.

Summary:

Nil

Report:

Tenders were called for T2017-101 Sawmill Road and Northfield Drive Improvements, Village of Conestogo, Township of Woolwich and were advertised in the Record, in the Daily Commercial News on the Ontario Public Buyers Association website and on the Region's website. The tenders were received and opened through the Region's e-bidding system and reviewed by Procurement and program area staff.

The following tenders were received:

Steed and Evans Limited	St. Jacobs, ON	\$4,862,500.00
E & E Seegmiller Limited	Kitchener, ON	\$5,149,071.00

March 22, 2017

Report: COR-TRY-17-19

Network Sewer and Watermain Ltd.	Cambridge, ON	\$5,286,179.99
Capital Paving Inc.	Guelph, ON	\$5,664,016.56
Regional Sewer and Watermain Ltd.	Cambridge, ON	\$6,234,160.97

The work under this contract includes the full reconstruction of the road structure on Sawmill Road and Northfield Drive (granular and asphalt), replacement of concrete curb and gutter, sidewalks and storm sewer and new watermains on Sawmill Road and Northfield Drive. The new watermain on Sawmill Road will be installed from Northfield Drive to the Conestogo Bridge. This section of watermain is proposed to be a dual use watermain jointly owned by the Region and Township of Woolwich. Subject to Township of Woolwich Council approval on March 28, 2017, new water services will be installed to the abutting properties on Sawmill Road as part of this contract. The new watermain on Northfield Drive is a Region owned watermain and will be installed from Sawmill Road to Country Spring Walk.

Construction is scheduled to start on April 3, 2017 and be substantially complete by November 30, 2017. Surface course asphalt will be placed in the summer of 2018.

The final date of acceptance for this tender is May 15, 2017.

Corporate Strategic Plan:

Award of this contract meets the 2015-2018 Corporate Strategic Plan objective to create a public transportation network that is integrated, accessible, affordable and sustainable under Strategic Focus Area 2, Sustainable Transportation.

Financial Implications:

Contract T2017-101 costs are shared as follows:

Region of Waterloo - Transportation Division Costs	\$3,769,300
Region of Waterloo - Water Services Division Costs	397,600
Township of Woolwich Costs	<u>695,600</u>
Total	<u>\$4,862,500</u>

Note: All figures are rounded to the nearest \$100.

Region of Waterloo Transportation Division Costs

T2017-101	\$3,769,300
Region Engineering	214,000
Street Lighting (design & installation)	70,000
Materials Inspection and Testing	38,000
Detours, Signage and Line Painting	15,000
Pre-Condition Building Survey	15,000
Landscaping	<u>10,000</u>
	Sub-total \$4,131,300
Plus: Applicable Net HST of 1.76%	<u>68,700</u>
	Total <u>\$4,200,000</u>

Note: All figures are rounded to the nearest \$100.

The Region of Waterloo's approved 2017 Transportation Capital Program includes \$4,400,000 (\$4,070,000 in 2017 and \$330,000 in 2018) for the Sawmill Road and Northfield Drive Improvements (Project 5392) to be funded from the Roads Rehabilitation Reserve (91%; \$4,020,000) and from the Development Charge Reserve Fund (9%; \$380,000). The cost of this work is \$4,200,000 which is \$200,000 (approximately 4.5%) under the total project budget.

Region of Waterloo Water Services Division Costs

T2017-101	\$397,600
Region Engineering	33,000
Materials Inspection and Testing	6,000
Detours, Signage and Line Painting	<u>2,500</u>
	Sub-total \$439,100
Plus: Applicable Net HST of 1.76%	<u>7,100</u>
	Total <u>\$446,200</u>

Note: All figures are rounded to the nearest \$100.

The Region of Waterloo's approved 2017 Ten Year Water Capital Program includes a budget of \$4,501,000 in 2017 for upgrades to the water supply systems in Conestogo and West Montrose (project #4173) funded from the Regional Development Charge Reserve Fund (25%; \$1,129,800) and from the Water Capital Reserve (75%; \$3,371,200). Within the \$4,501,000 budget, \$700,000 is available to cover the cost of construction for the new watermain within the project limits.

Township of Woolwich Costs

T2017-101	\$695,600
Region Engineering	33,000
Materials Inspection and Testing	6,000
Detours, Signage and Line Painting	<u>2,500</u>
Sub-total	\$737,100
Plus: Applicable Net HST of 1.76%	<u>12,300</u>
Total	<u>\$749,400</u>

Note: All figures are rounded to the nearest \$100.

Township of Woolwich tender costs include 50% of the cost of the watermain (\$397,600) as well as costs for the watermain to be dual use (\$198,000) and one-time servicing costs (\$100,000).

Woolwich Council will be considering Township's staff recommendation to approve funds for the watermain to be dual use (i.e. Regional transmission and local service connections to the abutting properties on Sawmill Road) at its meeting on March 28, 2017. If Township Council approves funds for the cost of the dual use watermain and new water services on Sawmill Road, the Township's share of the tender cost will be \$695,600, resulting in a total Township project cost for the new watermain, water services and sidewalk replacement of \$749,400 (as indicated in the table above).

If Township Council does not approve funds for the cost of the dual use watermain and new water services on Sawmill Road, the watermain will become a Regional transmission main and the Region will cover the cost for the watermain. A Regional transmission main does not allow local service connections. If future service connections are requested, Township Council will need to install a separate watermain. In this case, the Region's tender cost for the new watermain on Sawmill Road will be \$595,600 (\$397,600 plus \$198,000) resulting in a total Region project cost of the new watermain of \$648,300 which is still within the available funds of \$700,000. Woolwich's

share of the tender will be \$397,600 for a total project cost of \$446,200.

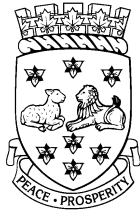
Other Department Consultations/Concurrence:

Design and Construction staff and Water Services staff were consulted in the preparation of this report.

Attachments: Nil

Prepared By: Lisa Evans, Manager, Procurement/Chief Purchasing Officer

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer



Report: COR-TRY-17-20

Region of Waterloo
Corporate Services
Treasury Services (Procurement)

To: Regional Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017

File Code: F18-30

Subject: T2017-108 2017 Rural Resurfacing and Bridge Rehabilitation at Various Locations, Townships of North Dumfries, Wilmot, and Oxford and Perth County, Ontario

Recommendation:

That the Regional Municipality of Waterloo accept the tender of Coco Paving Inc. for T2017-108 2017 Rural Resurfacing and Bridge Rehabilitation at Various Locations, Townships of North Dumfries, Wilmot and Oxford and Perth County, Ontario in the amount of \$11,573,000.00 plus all applicable taxes as set out in report COR-TRY-17-20 dated March 22, 2017;

And that the Regional Municipality of Waterloo approve an increase in the project cost of \$124,400.00 for the Region's share of the project to be funded from the Roads Rehabilitation Reserve;

And that the Regional Municipality of Waterloo approve an increase in the project cost of \$2,478,400.00 gross and \$0 net to facilitate work undertaken on behalf of Oxford County;

And that the Regional Municipality of Waterloo approve an increase in the project cost of \$463,200.00 gross and \$0 net to facilitate work undertaken on behalf of Perth County.

Summary:

Nil

Report:

Tenders were called for T2017-108 2017 Rural Resurfacing and Bridge Rehabilitation at Various Locations, Townships of North Dumfries, Wilmot and Oxford and Perth County, Ontario and were advertised in the Record, in the Daily Commercial News, on the Ontario Public Buyers Association website and on the Region's website. The tenders were received and opened through the Region's e-bidding system and reviewed by Procurement and program area staff.

The following tenders were received:

Coco Paving Inc.	Petersburg, ON	\$11,573,000.00
E & E Seegmiller Limited	Kitchener, ON	\$11,934,345.00
Capital Paving Inc.	Guelph, ON	\$12,214,020.06
Steed and Evans Limited	St. Jacobs, ON	\$12,440,000.00
Cox Construction Limited	Guelph, ON	\$13,817,756.39

The work under this contract includes the following:

- PART 'A' – Regional Rd. 70 (Trussler Road), Cedar Creek to Township Road 11/Greenfield Road, Township of North Dumfries – Road Work (boundary road cost-shared 50/50 with Oxford County)
- PART 'B' – Regional Rd. 70 (Trussler Road), Township Road 11/Greenfield Road to Brant-Waterloo Road, Township of North Dumfries – Road Work (boundary road cost-shared 50/50 with Oxford County)
- PART 'C' – Regional Rd. 12 (New Dundee Road), Fischer-Hallman Road to Cameron Road/Reidel Road, Township of North Dumfries – Road Work
- PART 'D' – Regional Rd. 1 (Wilmot-Easthope Road), 200m South of Hwy 7/8 to Huron Road, Township of Wilmot - Road Work (boundary road cost-shared 50/50 with Perth County)
- PART 'E' – Regional Rd. 70 (Trussler Road), north bridge over the Nith River – Replacement of Deck and Girders (boundary road cost-shared 50/50 with Oxford County)
- PART 'F' – Regional Rd. 70 (Trussler Road) south bridge over the Nith River - Deck Rehabilitation (boundary road cost-shared 50/50 with Oxford County)
- PART 'G' – Wilmot Creek Culvert Rehabilitation (cost-shared 50/50 with Perth County)
- PART 'H' – Reg. Rd. 70 (Trussler Road), Oxford Road 29 to Brant-Waterloo Road, Oxford County - Road Work (on behalf of Oxford County at 100% cost to Oxford County)

The road work under this contract includes full-depth reclamation of the existing asphalt and shoulders to a 9.7m finished mat width; crossfall corrections; vertical correction (grade raise) in some locations; areas of shoulder paving; areas of full depth roadway base repairs; replacement of guiderail systems, and road drainage improvements.

The structural portion in Part 'E' includes a complete "superstructure" replacement on the north Trussler Rd. Bridge over the Nith River including removal of existing concrete deck and girders, reconstruction of abutment bearing seats and pier caps, installation of new concrete girders, new parapet walls and conversion to semi-integral abutments.

The structural portion in Part 'F' includes a rehabilitation of the south Trussler Road Bridge over the Nith River including conversion to semi-integral abutments, deck repairs and new parapet walls.

Part 'H' is located on an adjoining section of Trussler Road that is outside of the Region of Waterloo. This section is being completed under this Regional contract on Oxford County's behalf to minimize overall disruption to the travelling public. In addition, all of the required Trussler Road paving is being completed in 2017 so that Trussler Road is available as a detour route during the reconstruction of Regional Road 58 (Northumberland, Stanley and Swan Streets) through the village of Ayr in 2018.

Construction is scheduled to start on April 3, 2017 and last for 110 working days, which corresponds to an approximate end date of November 30, 2017. If the weather is not conducive for paving in the late fall, surface course asphalt on the bridges may have to be placed in favourable weather conditions in 2018.

The final date of acceptance for this tender is June 1, 2017.

Corporate Strategic Plan:

Award of this contract meets the 2015-2018 Corporate Strategic Plan objective to create a public transportation network that is integrated, accessible, affordable and sustainable under Strategic Focus Area 2, Sustainable Transportation.

Financial Implications:

Contract T2017-108 costs are shared as follows:

Region of Waterloo – Transportation Division Costs	\$ 5,824,100
Oxford County Costs	5,370,000
Perth County Costs	<u>378,900</u>
Total	<u>\$11,573,000</u>

Note: All figures are rounded to the nearest \$100.

Region of Waterloo Transportation Division Costs

T2017-108	\$5,824,100
Region Engineering	166,000
Consultant Engineering	125,000
Materials Inspection and Testing	117,000
Detours, Signage and Line Painting	<u>58,000</u>
	Sub-total \$6,290,100
Plus: Applicable Net HST of 1.76%	<u>106,800</u>
	Total <u>\$6,396,900</u>

Note: All figures are rounded to the nearest \$100.

The Region of Waterloo's approved 2017 Transportation Capital Program includes \$10,275,000 in 2017 and \$20,000 in 2018 (total \$10,295,000) for Rural Resurfacing and Bridge Rehabilitation (Projects: 5930, 5931, 5952, 5757, 5925, 5926, 7363) to be funded from the Roads Rehabilitation Reserve (58%; \$5,975,000), the Development Charges Reserve Fund (3%; \$297,500) and Third Parties (39%; \$4,022,500). The Region's portion of the total project budget is \$6,272,500 with the remainder (\$4,022,500) attributed to work done for Oxford County.

The cost of the Region's portion of the work for Parts A - G is \$6,396,900 which is \$124,400 (approximately 2%) above the Region's portion of the total project budget which can be funded from the Roads Rehabilitation Reserve.

Oxford County Costs

T2017-108	\$5,370,000
Region Engineering	195,000
Materials Inspection and Testing	107,000
Consultant Engineering	54,000
Detours and Signage	<u>27,000</u>
	Sub-total \$5,753,000
Plus: Applicable HST of 13%	<u>747,900</u>
	Total <u>\$6,500,900</u>

Note: All figures are rounded to the nearest \$100.

While the cost of the work to be done for Oxford County exceeds \$4,022,500 included in the Transportation Capital Plan by \$2,478,400, Oxford County has indicated that they have sufficient funds budgeted for this work and has asked that the work proceed on their behalf.

Perth County Costs

T2017-108	\$378,900
Region Engineering	17,000
Materials Inspection and Testing	8,000
Detours, Line Painting and Signage	4,000
Consultant Engineering	<u>2,000</u>
	Sub-total
	\$409,900
Plus: Applicable HST of 13%	<u>53,300</u>
	Total
	<u>\$463,200</u>

Note: All figures are rounded to the nearest \$100.

Perth County has indicated that they have sufficient funds budgeted for this work and has asked that the work proceed on their behalf.

Other Department Consultations/Concurrence:

Design and Construction staff and Transportation staff were consulted in the preparation of this report.

Attachments: Nil

Prepared By: Lisa Evans, Manager, Procurement/Chief Purchasing Officer

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer



Report: COR-TRY-17-21

Region of Waterloo
Corporate Services
Treasury Services (Procurement)

To: Regional Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017

File Code: F18-40

Subject: P2016-31 Supply, Installation and Fifteen (15) Years of Maintenance for a P25 Voice Radio System

Recommendation:

That the Regional Municipality of Waterloo accept the proposal of Motorola Solutions Canada Inc. for the P2016-31 Supply, Installation and Fifteen (15) years of Maintenance for a P25 Voice Radio System in the amount of \$25,344,374.00 plus all applicable taxes as set out in report COR-TRY-17-21 dated March 22, 2017;

And that the Regional Municipality of Waterloo authorize the Evaluation Team to negotiate the contract Terms and Conditions subject to the approval of the Regional Solicitor;

And that the Regional Municipality of Waterloo advance funds in the amount of \$1,499,000 from 2018 to 2017 within various Regional Capital Program budgets as outlined in Table 4b for the Voice Radio User Gear Replacement;

And that report COR-TRY-17-21 be forwarded to the Waterloo Region Police Services Board and all area municipality councils for information.

Summary:

Staff provided an overview of this project to the Administration and Finance Committee on March 7, 2017 through report COR-FFM-17-03 (attached as Appendix A). The report advised that a contract award report would be submitted to Regional Council on March 22, 2017.

The Regional Voice Radio System provides reliable public-safety grade two-way voice radio communications for Waterloo Regional Police Service (WRPS), all municipal Fire Departments, all Regional Departments (principally Grand River Transit and Roads Operations) and various area municipality operations departments within the Region. It serves as the primary link between 911 dispatch and Police and Fire personnel for all day-to-day communications and provides critical interoperability between all users in the event of a Region-wide emergency.

Proposals were called for P2016-31 Supply, Installation and Fifteen (15) years of Maintenance of a P25 Voice Radio System in July 2016. There had been a pre-qualification completed for this project (PQ2014-06) and only bids received from the two (2) pre-qualified proponents were accepted. Motorola Solutions Canada Inc. obtained the highest overall score. The recommended proposal is significantly below budget estimates in 2017 and 2018 for both Direct Regional Services and the Waterloo Regional Police Service.

Report:

Evaluation of Submitted Proposals

Proposals were called for P2016-31 Supply, Installation and Fifteen (15) years of Maintenance of a P25 Voice Radio System in July 2016. There had been a pre-qualification completed for this project (PQ2014-06) and only bids received from the two (2) pre-qualified proponents were accepted. Proposals were opened in the presence of S. Agnello, L. Evans and C. Pfeiffer.

The following proposals were received:

Harris Canada Systems Inc.	Mississauga, ON
Motorola Solutions Canada Inc.	Markham, ON

Proposals were evaluated using a highly structured and rigorous RFP evaluation framework by the Voice Radio Evaluation Team which included Regional Staff, Waterloo Regional Police Service, Cambridge Fire Service (representing all Fire Service Users across the Region), and the Region's consultants. The first step of the process was to ensure that the submissions were complete. The complete submissions were then evaluated against pre-determined technical criteria which included compliance with mandatory technical requirements, including ability to meet the voice radio coverage and technical specifications, demonstrated experience, quality assurance, professional and technical staff experience, equipment and labour capabilities, and past experience on similar projects. Motorola Solutions Canada Inc. obtained the highest overall score.

As indicated in Report COR-FFM-16-06 dated June 14, 2016, the procurement process used in this RFP was a negotiated RFP which allows a transparent negotiation phase with the top-ranked proponent. Over a five (5) month period proponent submissions were evaluated based on the information contained in the proposal submission, and the top-ranked proponent was invited to meet with the Evaluation Team to clarify aspects of their proposal. The Evaluation Team met several times with Motorola to review its submission and seek clarification and contract improvements. Based on these meetings and clarifications, Motorola was asked to submit final technical and financial proposals for re-evaluation.

The evaluation team reviewed the final technical and financial proposal received from Motorola and feel that the voice radio replacement system infrastructure, subscriber gear, maintenance and the pricing offered by Motorola is fair and reasonable and is comparable to similar voice radio contracts awarded in Ontario over the last five years. The recommended proposal is significantly below budget estimates in 2017 and 2018 for both Direct Regional Services and the Waterloo Regional Police Service.

Project Overview and Scope

The Regional Voice Radio System provides reliable public-safety grade two-way voice radio communications for Waterloo Regional Police Service (WRPS), all municipal Fire Departments, all Regional Departments (principally Grand River Transit and Roads Operations) and various area municipality operations departments within the Region. It serves as the primary link between 911 dispatch and Police and Fire personnel for all day-to-day communications and provides critical interoperability between all users in the event of a Region-wide emergency. A shared Regional radio system makes efficient use of resources and enhances interoperability between the individual Public Safety users and with the Public Works groups.

The work under this contract includes:

- a full voice radio system replacement which will take advantage of the improvements associated with a digital system, provide added functionality, and replace aging transmission infrastructure for which replacement parts are difficult to source or no longer available;
- all radio transmission equipment along with subscriber gear for all internal and external stakeholders;
- new voice pagers that operate on the P25 radio system for rural fire departments;

- new fire hall alerting equipment for fire stations within the Cities of Cambridge, Kitchener and Waterloo;
- dispatch consoles for backup dispatch locations operated by Waterloo Regional Police dispatch, Cambridge Fire Department dispatch and Kitchener Fire Department dispatch;
- reuse of four (4) existing radio tower sites and the removal and replacement of three (3) tower sites with new locations selected to optimize the radio coverage within the Region; and
- a maintenance contract period of thirteen (13) years commencing on the completion of system warranty in approximately August 2020 to August 2033. The maintenance contract includes technical support, software support, maintenance services and all software and hardware upgrades required to keep the radio system operational for the full contract period.

The new system will achieve compliance with the radio transmission standard produced by the Association of Public-Safety Communications Officials (APCO) called Project 25 (P25) which is currently the North American standard for public safety communication.

The final date of acceptance for this proposal is March 29, 2017. The assignment is scheduled to start on April 1, 2017 and be substantially complete by December 31, 2018.

Through the contract negotiations process considerable project savings will be received if the contract agreement is approved by both parties by March 29, 2017. The payment terms of the contract follow a defined schedule of milestone payments with strict testing and acceptance protocols for factory, field and final acceptance before payment at each of these stages. This payment approach and methodology are comparable to similar voice radio contracts awarded in Ontario over the last five years.

Corporate Strategic Plan:

This project supports the 2015-2018 Corporate Strategic Plan objective to ensure Regional programs and services are efficient, effective and provide value for money under Strategic Focus Area 5, Responsive and Engaging Services.

Financial Implications:

Costs related to Contract P2016-31 are summarized below in Table 1:

Table 1- Total Contract Costs:

Contract P2016-31	Region of Waterloo including Police	Other Users	Total
Contract P2016-31 Infrastructure	\$15,202,013	\$0	\$15,202,013
Contract P2016-31 User Gear	5,655,000	2,398,000	8,053,000
Contract P2016-31 Maintenance	2,089,361	0	2,089,361
Sub-total Contract P2016-31	22,946,374	2,398,000	25,344,374
Contract administration	1,075,000		1,075,000
Regional Engineering	450,000		450,000
Permit approvals, printing and advertising	223,000		223,000
Sub-total	24,694,374	2,398,000	27,092,374
HST (net of rebate)	422,800	42,200	465,000
Total	\$25,117,174	\$2,440,200	\$27,557,374
Summary by Expenditure Type:			
Infrastructure	\$17,236,511	\$0	\$17,236,511
User Gear	5,754,529	2,440,200	8,194,729
Maintenance	2,126,134	0	2,126,134
Total	\$25,117,174	\$2,440,200	\$27,557,374

The total cost of the award inclusive of net HST, as shown in Table 1 above, including the 13 year maintenance contract component is \$27.6 million.

The estimated user costs are detailed in Table 2 below and are based on radio gear needs identified by the Area Municipalities for their Fire Service and public works groups utilizing the system. The Region will take delivery of most of the user gear during 2017 and will work with partner agencies to arrange payments and deliveries of gear. Significant discounts have been negotiated for the bulk purchase of user gear with invoicing to the Region in late 2017, and contract signing by March 29, 2017. Area Municipal staff will include the necessary budget provisions for user gear in their respective 2017 and 2018 budgets.

Early receipt of approximately 2,500 pieces of user gear is important as staff require considerable time to program and test the user gear prior to roll out, as user gear requirements differ for each group.

Table 2 - Estimated User Gear Costs (all figures exclude HST):

Region of Waterloo – WRPS	\$4,000,000
Region of Waterloo – GRT, Transportation	1,655,000
City of Cambridge	600,000
City of Kitchener	430,000
City of Waterloo	345,000
Township of North Dumfries	95,000
Township of Wellesley	265,000
Township of Wilmot	300,000
Township of Woolwich	<u>365,000</u>
Total	<u>\$8,053,000</u>

Infrastructure Replacement

The Region of Waterloo's approved 2017-2018 Capital Program includes a total of \$21.8 million for replacement of the voice radio infrastructure as follows:

Table 3a – Capital budget provisions for voice radio infrastructure

Region of Waterloo Voice Radio Infrastructure Budgets 2017 and 2018 (\$000's)				Funding Source		
Division	2017	2018	Total	Debt	RDC	PTIF
Transit	\$8,000	\$0	\$8,000	\$3,384	\$616	\$4,000
Facilities	750	650	1,400	1,184	216	
Subtotal Regional	8,750	650	9,400	4,568	832	4,000
Police	6,640	5,750	12,390	10,482	1,908	0
Total Contract Costs	\$ 15,390	\$ 6,400	\$ 21,790	\$ 15,050	\$ 2,740	\$ 4,000

As shown above, the project is to be funded from property taxes (through the issuance of tax supported debentures), development charges and the Public Transit Infrastructure Fund (PTIF) for the transit component.

Table 3b – Revised voice radio infrastructure costs

Allocation of Infrastructure Costs 2017 and 2018 (\$000's)				Funding Source		
Division	2017	2018	Total	Debt	RDC	PTIF
Transit	\$6,067	\$1,518	\$7,585	\$3,209	\$584	\$3,793
Facilities	698	174	872	737	134	
Subtotal Regional	6,765	1,692	8,457	3,946	718	3,793
Police	7,024	1,756	8,780	7,428	1,352	0
Total Contract Costs	\$13,789	\$3,448	\$17,237	\$11,374	\$2,070	\$3,793

Actual infrastructure costs inclusive of net HST, as shown in Table 3b above, are \$17.2 million. As shown below, the project is approximately \$4.6 million below budget for the infrastructure portion of the contract.

Table 3c

Infrastructure Cost Savings (\$000's)			
	Police	Regional	Total
Budget	\$12,390	\$9,400	\$21,790
Revised Costs	8,780	8,457	17,237
Savings	\$3,610	\$943	\$4,553

Based on revised contract costs, debt servicing costs for infrastructure to be reflected in future operating budgets are estimated to total \$1,333,400 (Region \$462,600, Police \$870,800) annually over a period of 10 years based on an estimated cost of borrowing of 3.0%.

User Gear Replacement

The Region of Waterloo's approved 2017-2018 Capital Program includes \$9.3 million for replacement of the voice radio user gear, to be funded from property taxes (through the issuance of debentures), Public Transit Infrastructure Fund financing and reserves, as well as user rates \$132,000 (Water Capital Reserve).

Table 4a – Capital budget provisions for user gear

Region of Waterloo Voice Radio User Gear Budgets 2017 and 2018 (\$000's)				Funding Source				
Division	2017	2018	Total	Equipment Reserve	Debt	PTIF	Capital Levy	Other Reserves
Transit	\$0	\$1,200	\$1,200	\$0	\$600	\$600	\$0	\$0
Other Regional	126	888	1,014	630	0	0	252	132
Subtotal Regional	126	2,088	2,214	630	600	600	252	132
Police	3,555	3,567	7,122	0	0	0	0	7,122
Total Capital Budget	\$3,681	\$5,655	\$9,336	\$630	\$600	\$600	\$252	\$7,254

Table 4b – Revised user gear costs

Allocation of User Gear Costs 2017 and 2018 (\$000's)				Funding Source				
Division	2017	2018	Total	Equipment Reserve	Debt	PTIF	Capital Levy	Other Reserves
Transit	\$955	\$106	\$1,061	\$0	\$531	\$530	\$0	\$0
Other Regional	562	62	624	388	0	0	155	81
Subtotal Regional	1,517	168	1,685	388	531	530	155	81
Police	3,663	407	4,070	0	0	0	0	4,070
Total Contract Costs	\$5,180	\$575	\$5,755	\$388	\$531	\$530	\$155	\$4,151
User Gear Budget	3,681	5,655	9,336					
Budget Adjustment	\$1,499	(\$5,080)	(\$3,582)					

As shown below, the project is approximately \$3.6 million below budget for the user gear portion of the contract as significant discounts were negotiated based on the bulk purchase of user gear in late 2017.

Table 4c

User Gear Cost Savings (\$000's)			
	Police	Regional	Total
Budget	\$7,122	\$2,214	\$9,336
Revised Costs	4,070	1,685	5,755
Savings	\$3,052	\$529	\$3,581

Costs relating to Police user gear are well below Police Service budget estimates as the budget reflected a worst-case estimated cost that did not include any discounts and reflected potential costs for dispatch locations that ended up being included in the infrastructure costs of this contract and not as a separate user cost.

Based on revised contract costs, debt servicing costs for user gear to be reflected in future operating budgets are estimated to be \$62,300 for the Region of Waterloo, annually over a period of 10 years with an estimated cost of borrowing of 3.0%.

Public Transit Infrastructure Funding

As indicated above, the voice radio project is eligible for 50% funding under the Public Transit Infrastructure Fund (PTIF) up to \$4.6 million. Staff will endeavour to maximize the PTIF funding, however given that the actual costs are expected to be lower than the Region's approved budget it is possible that the PTIF funding allocated to this project will not be fully spent. Staff has been advised that municipalities may request that unspent PTIF funds be reprofiled to new transit projects. Staff will monitor the actual expenditures and should additional project approvals be required, will report back and seek Council's authorization.

Operating Budget Costs

Contract P2016-31 includes a maintenance contract with an upfront cost of \$2.1 million to cover the period 2020-2033 (years 2018 and 2019 fall under the warranty period of the contract). These maintenance costs will be set up as a prepaid expense which will be charged to future operating budgets starting in 2020. At that time, the operating budget will be increased by \$164,000 (Region \$80,000, Police \$84,000) to reflect increased maintenance contract costs. Operating budget impacts resulting from this contract award for maintenance and estimated debt servicing costs are summarized in table 5 below:

Table 5

	Incremental Annual Operating Costs (\$000's)				Budget Impact		
	2018	2019	2020	Annualized	Police	Region	Total
Maintenance			\$164	\$164	\$84	\$80	\$164
Debenture costs (Infrastructure)	1,067	266		1,333	871	462	1,333
Debenture costs (user gear)	56	6		62	0	62	62
Incremental Operating Costs	\$1,123	\$272	\$164	\$1,559	\$955	\$604	\$1,559

Other Department Consultations/Concurrence:

Facilities and Police Service staff was consulted in the preparation of this report.

Attachments: Appendix A – COR-FFM-17-03 dated March 7, 2017

Prepared By: Lisa Evans, Manager, Procurement/Chief Purchasing Officer

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer



Appendix A

Report: COR-FFM-17-03

Region of Waterloo
Corporate Services
Facilities and Fleet Management

To: Chair Sean Strickland and Members of the Administration and Finance Committee

Date: March 7, 2017

File Code: A19-01

Subject: Voice Radio System Replacement Update

Recommendation:

For Information

Summary:

The Waterloo Regional Voice Radio System (WRVRS) provides reliable public-safety grade two-way voice radio communications for Waterloo Regional Police Service, all municipal Fire Departments, all Regional Departments (principally Transit and Roads Operations) and various area municipality operations departments within the Region. It serves as the primary link between 911 dispatch and Police and Fire personnel for all day-to-day communications and provides critical interoperability between all users in the event of a Region-wide emergency.

Report CR-FM-13-020 dated November 12, 2013 provided staff direction to prepare a Request for Proposal (RFP) for replacement of the Waterloo Regional Voice Radio System. Report COR-FFM-15-01 dated January 13, 2015 provided an update on that process. Report COR-FFM-16-06 dated June 14, 2016 provided an update including an overview of the proposed new system responsibility and governance model and the procurement process to be used for the RFP.

This report provides an update on the RFP process. P2016-31 Supply, Installation and Maintenance of a P25 Voice Radio System was issued in July 2016 and closed on October 28, 2016. Staff has been reviewing the RFP technical and pricing proposals and are nearing the conclusion of the evaluation process. A recommendation for award will be made in a report that will come forward at the March 22, 2017 Council meeting.

Report:**Background**

The Waterloo Regional Voice Radio System (WRVRS) provides reliable public-safety grade two-way voice radio communications for Waterloo Regional Police Service, all municipal Fire Departments, all Regional Departments (principally Transit and Roads Operations) and various area municipality operations departments within the Region. It serves as the primary link between 911 dispatch and Police and Fire personnel for all day-to-day communications and provides critical interoperability between all users in the event of a Region-wide emergency.

The original analog system was installed in 1994 and has undergone several minor upgrades and one major upgrade in 2009/2010 to ensure optimum performance and coverage. The 2009/10 upgrade addressed typical end of life cycle concerns including difficulty in obtaining replacement parts and effective support services as well as improving system coverage in the Cambridge area by adding one new tower to the system. The system currently has 6 towers operating as a simulcast ring infrastructure with approximately 2,500 user radios working on the network. A listing of current users is provided in Appendix A.

The evaluation completed by the project team at the time of the last major upgrade concluded that the next evolution of the voice radio system, required sometime between 2018 and 2020, would involve a complete replacement of the current analog system with a digital system rather than another upgrade of infrastructure. The current analog system is essentially limited to transmission of voice communications. In order to take advantage of the improvements associated with a digital system, prevent issues with obtaining replacement parts and avoid a time where the analog system may not be supported, the Region is proceeding with the digital system replacement as soon as possible rather than waiting for the full life cycle of the existing system. The new system will comply with the radio transmission standard produced by the Association of Public-Safety Communications Officials (APCO) called Project 25 (P25) which is currently the North American standard for public safety communication.

Several stakeholder groups have been established to plan for the voice radio system replacement and to allow participation of the impacted municipalities and users. The stakeholders include senior management representatives of all Voice Radio users including Waterloo Regional Police Service, all municipal Fire Departments, Grand River Transit, Paramedic Services and Regional and selected area municipal operations staff.

In February 2014, a consultant was hired to assist with preparation of the RFP documentation. Since that time, the consultant has been working with Regional staff, the Steering Committee and technical representatives of all system users to identify the detailed system requirements to be included in the system RFP.

Based on the needs identified from all users, staff then conducted a prequalification to identify qualified proponents for the system RFP in late 2014. As a result Harris Canada Systems, Inc. and Motorola Solutions Canada Inc. were selected to move forward to the next step in the RFP process (COR-FFM-15-01, dated January 13, 2015).

New System Responsibility & Governance Model

As indicated in Report COR-FFM-16-06 the development of the RFP document was nearing completion at the end of 2015 it became apparent that, despite ongoing consultation with all stakeholders, the document did not fully reflect the needs of all systems users. In order to ensure that those issues were addressed appropriately, the project governance structure and the RFP were revised over the first six (6) months of 2016.

Changes to responsibility and governance of the Region of Waterloo Voice Radio System have been put in place to effectively implement the new P25 system. A formal governance committee was established to represent all system users and make critical project decisions. The composition of this committee is as follows:

- Chief of Police, WRPS – Chair
- Inspector, Operational Support Command, WRPS – representing the user needs of Police
- Fire Chief, Cambridge – representing the user needs of all Fire Services
- Director, Transit Services, ROW – representing all Public Works users
- Director, Facilities and Fleet Management, ROW – representing system infrastructure responsibility and transition planning for WRPS responsibility.

To ensure that the system replacement project is completed by the end of 2018, before significant issues arise with the existing system, the first priorities of this committee were to move forward with the RFP and work on the process of transferring system responsibility. This committee acted over 2016 to resolve the issues required to complete the RFP and began working on the detailed planning required in recommending an approach to transferring system responsibility to the WRPS. A recommendation to transfer responsibility of the system to WRPS will be brought to Regional Council and the Police Services Board later in 2017.

Request for Proposal Update

As a result of the work of the new oversight committee, the critical elements of the RFP were amended to better reflect the needs of the stakeholders. The RFP was adjusted to include:

Base Bid

- an increased level of radio system coverage for the Public Safety users,
- a procurement process utilizing a negotiated RFP format,
- additional system requirements for interoperability outside the Region,
- migration of all users to the P25 system within a normal phased transition process,
- pricing for user gear and fire station alerting systems.

Options

- flexibility to expand the system to Public Safety groups outside the Region,
- long term maintenance agreements for the life of the system.

System coverage, and especially in-building coverage, is one of the most critical elements of the system. To stay in line with rapid changes in technology and the latest industry best practice within Ontario, the method of testing for system coverage will be different with the new system. In the new system the testing will occur inside a representative sample of buildings to ensure the 97% coverage is actually obtained behind the first exterior wall. The vendor will design the system and select building penetration factors to ensure that the system is able to meet that criterion.

Pricing options have also been included for procurement of specialized user gear for fire services.

P2016-31 Supply, Installation and Maintenance of a P25 Voice Radio System was issued in July 2016 and closed on October 28, 2016. Staff have been reviewing the RFP technical and pricing proposals and are nearing the conclusion of the evaluation process. A recommendation for award will be made in a report that will come forward at the March 22, 2017 Council meeting.

Corporate Strategic Plan:

This project supports the 2015-2018 Corporate Strategic Plan objective to ensure regional programs and services are efficient, effective and provide value for money under Strategic Focus Area 5, Responsive and Engaging Services.

Financial Implications:

The approved 2017-2018 Capital Program includes a total of \$21.8 million for replacement of the voice radio infrastructure as follows:

2017-2018 Voice Radio Infrastructure Budgets				
(\$000s)				
Program	2017	2018	Total	Funding Source
Transit	8,000		8,000	Provincial Transit Infrastructure Funding, Tax Supported Debenture, RDC
Police	6,650	5,750	12,400	Tax Supported Debenture, RDC
Facilities	750	650	1,400	Tax Supported Debenture, RDC
Subtotal	15,400	6,400	21,800	

The 2017-2026 capital plan also includes approximately \$2.2 million in 2017 and 2018 for end user gear in various divisional capital plans. The replacement of end user gear will be funded from tax supported equipment reserves, the Capital Levy Reserve and Water Capital Reserve.

Other Department Consultations/Concurrence:

Finance staff was consulted in the preparation of this report.

Attachments: Appendix A – Waterloo Regional Voice Radio User Groups

Prepared By: Jerry Biersteker, Manager, Facilities Planning and Performance Management

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer

Appendix A

Waterloo Regional Voice Radio User Groups

The main member agencies using the Voice Radio System are (in alphabetical order):

- Cambridge Fire Department;
- Cambridge Public Works;
- Grand River Transit;
- ION (Region of Waterloo Light Rail Transit);
- Kitchener Fire Department;
- North Dumfries Township Fire Department;
- Waterloo Fire Rescue;
- Waterloo Regional Airport;
- Waterloo Regional Paramedic Services;
- Waterloo Regional Police Service (WRPS);
- Waterloo Region Emergency Measures Office;
- Waterloo Region Security Services;
- Waterloo Region Transportation and Environmental Services;
- Waterloo Region Waste Management;
- Wellesley Township Fire Department;
- Wellesley Township Public Works;
- Wilmot Township Fire Department;
- Woolwich Township Fire Department; and
- Woolwich Township Public Works.

Other agencies and subgroups also use the legacy Voice Radio System, albeit with a lesser number of units.



Report: COR-TRY-17-22

Region of Waterloo

Corporate Services

Treasury Services

To: Regional Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017

File Code: F10-20

**Subject: Regional Council and Council Appointee Remuneration and Expenses
for the Year Ended December 31, 2016**

Recommendation:

For Information

Summary: Nil

Report:

Under the Municipal Act, the Treasurer is required to submit to Council a statement of remuneration and expenses paid by the municipality to each Member of Council and to Council Appointees to local boards and other bodies. The statement must be presented by March 31st for remuneration and expenses paid for the previous year. The attached statements list remuneration and expenses for Members of Council and Council Appointees for the year ended December 31, 2016. To improve readability, all amounts have been rounded to the nearest dollar.

Corporate Strategic Plan: Nil

Financial Implications:

Remuneration and expenses for Regional Council and Council Appointees were included in the approved Regional Budget for 2016 as established per By-laws 03-024, 06-046, and 16-002.

Other Department Consultations/Concurrence:

Staff from the Regional Chair's office assisted in the preparation of this report.

Attachments:

Appendix 1 – 2016 Remuneration and Expenses – Regional Council

Appendix 2 – 2016 Remuneration and Expenses – Police Services Board Appointees

Appendix 3 – 2016 Remuneration and Expenses – Council Appointees

Prepared By: Angela Hinchberger, Director of Treasury Services/Deputy Treasurer

Approved By: Craig Dyer, Commissioner, Corporate Services/Chief Financial Officer

March 22, 2017

Report: COR-TRY-17-22

The Regional Municipality of Waterloo
2016 Remuneration and Expenses - Regional Council

Appendix 1
COR-TRY-17-22

Councillor	Remuneration (1)	Benefits	Mileage, Meeting & Events	Communications	Conferences & Training		Waterloo Regionnal Police Services Board (WRPSB)		GRCA
					Amount	Details	Remuneration	Benefits	
Armstrong, L.	\$42,270	\$14,508	\$1,243	\$1,631	\$0				\$2,235
Clarke, E.	42,270	14,508	450	480	0				1,138
Craig, D.	42,270	14,508	0	0	0				
Foxton, S.	42,270	14,508	1,506	1,206	0				2,169
Galloway, T.	48,614	15,552	2,701	1,086	2,478	CAPG Annual Conf., Aug. 20-24, Ottawa Ontario CPC Exchange, Nov. 17-18, Winnipeg Manitoba	14,192	2,386	
Jaworsky, D.	42,270	14,508	0	0	0				
Jowett, H.	42,270	14,508	1,948	944	0				26,171
Kiefer, K.	42,270	14,508	3,636	1,893	1,423	AMO Annual Conf., Aug. 14-17, Windsor Ontario	11,040	1,830	
Lorentz, G.	48,614	15,552	1,121	2,173	0				1,645
Mitchell, J.	42,270	14,508	2,348	1,031	4,308	Internat'l Making Cities Livable Conf., Jun. 13-17, Rome Italy			3,888
Nowak, J.	42,270	12,809	1,750	1,892	1,436	OGRA/ROMA Annual Conf., Feb. 21-24, Toronto Ontario			1,726
Redman, K.	42,270	14,508	1,200	1,125	0				
Seiling, K.	153,926	15,975	5,516	1,995	1,344	AMO Annual Conf., Aug. 14-17, Windsor Ontario	11,040	267	
Shantz, S.	42,270	14,508	1,933	0	0				1,843
Strickland, S.	48,614	15,552	968	2,226	0				
Vrbanovic, B.	42,270	9,564	0	902	0				

NOTES

1. Effective January 1, 2004, Council salaries 100% taxable

March 22, 2017

Report: COR-TRY-17-22

**The Regional Municipality of Waterloo
2016 Remuneration And Expenses - Police Services Board Council Appointees**

Council Appointees	Remuneration	Benefits	Travel / Mtg Expenses	Conferences / Seminars Amount	Details
Waterloo Regional Police Services Board					
<u>Provincial Appointees</u>					
Huck, P. *	\$11,878	\$653		\$2,095	Canadian Association of Police Governance Annual Conference, Ottawa, ON
Ringrose, P.	11,040	588			
Smith, R.	11,040	588		2,181	Canadian Association of Police Governance Annual Conference, Ottawa, ON
<u>Council Appointees</u>					
Wideman, J.	11,040	215			
Total Provincial / Council Appointees To Police Services Board					
	\$44,997	\$2,045	\$0	\$4,276	

* Includes remuneration related to 2015

Alternative format available upon request

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**The Regional Municipality of Waterloo
2016 Remuneration and Expenses - Council Appointees**

Council Appointees	Remuneration	Benefits	Travel / Mtg Expenses	Conferences / Seminars	
				Amount	Details
<u>Grand River Conservation Authority</u>					
Roth, W.	1,565		484		
Stauch, W.	1,565		270		
<u>Heritage Planning Advisory Committee</u>					
Benninger, B.			70		
Bryant, B.			143		
Carswell, A.			165		
Coakley, C.			199		
Heinrichs, E.			127		
Jackson, A.			111		
Paddock, B.			104		
Page, M-J.			167		
Rowell, M.			212		
Sengul Ersoy, G.			166		
Thorsen, E.			59		
Wallace, B.			32		
Total Council Appointees	\$3,130	\$0	\$2,306	\$0	

* Remuneration for meetings for Council Appointees was discontinued in 2007.
Exception is GRCA where Appointee remuneration and expenses are reimbursed directly by GRCA.

Alternative format available upon request

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The Regional Municipality of Waterloo

Planning and Works Committee

Summary of Recommendations to Council

The Planning and Works Committee recommends as follows:

1. That the Regional Municipality of Waterloo support the publication of the Highway 7/8 Corridor between New Hamburg and Stratford report.
2. That the Regional Municipality of Waterloo approve the following amendment to Controlled Access By-law #58-87, subject to site plan approval by the City of Kitchener, as described in Report No. PDL-CPL-17-06, dated March 07, 2017:
 - a) approve a right-in, right-out only emergency access on the west side of Regional Road #28 (Homer Watson Boulevard) approximately 235 metres north of Block Line Road, in the City of Kitchener
3. That the Region of Waterloo accept PDL-CPL-17-02, Monthly Report of Development Activity for December 2016
4. That Council of The Regional Municipality of Waterloo approve the expropriation of lands for the purpose of the reconstruction of Fountain Street North, City of Cambridge, in the Regional Municipality of Waterloo as detailed in report PDL-LEG-17-16 dated March 7, 2017 described as follows:

Fee Simple Partial Taking:

- a) Part Block 5, Plan 58M-302, being Part 4 on 58R-18928, part of PIN 22628-0148 (LT)(1090 Fountain Street North, City of Cambridge);
- b) Part Lots 19 and 20, Beasley's Broken Front Concession, being Part 5, 58R-18928 and Part Lot 22, Beasley's Broken Front Concession, being Part 1, on 58R-18942, part of PIN 03755-0013 (LT)(1055-1065 Fountain Street North City of Cambridge);
- c) Part Lot 19, Beasley's Broken Front Concession, being Part 4, 58R-18938, part of PIN 22740-0034 (LT)(2150 Fountain Street North, City of Cambridge);
- d) Part Lot 19, Beasley's Broken Front Concession, being Parts 2 and 3 on 58R-18938,

PS-170307

part of PIN 22740-0051 (LT)(south west corner of Fountain Street and Allendale Road, City of Cambridge);

- e) Part Lot 19, Beasley's Broken Front Concession, being Part 1, 58R-18938 part of PIN 03755-0043 (LT)(1105 Fountain Street North City of Cambridge);

Temporary Easements Partial Taking:

- a) Part Lot 19, Beasley's Broken Front Concession, being Part 5, on 58R-18938, part of PIN 22740-0034 (LT)(2150 Fountain Street North, City of Cambridge);
- b) Part of Lot 18, Beasley's Broken Front Concession, being Parts 1, 2, 3 and 4, on 58R-19087 being Part of PIN 03755-0043 (LT)(Part of 1105 Fountain Street North, City of Cambridge);
- c) Part of Lots 18 and 19, Beasley's Broken Front Concession being Part 1 on 58R-19088 being Part of PIN 03755-0043 (LT)(Part of 1105 Fountain Street North, City of Cambridge);
- d) Part of Lot 19, Beasley's Broken Front Concession being Part 2 on 58R-19089 being Part of PIN 03755-0043 (LT)(Part of 1105 Fountain Street North, City of Cambridge);
- e) Part of Lot 19, Beasley's Broken Front Concession, being Part 1, on 58R-19089 being Part of PIN 03755-0043 (LT)(Part of 1105 Fountain Street North, City of Cambridge).

And That staff be instructed to register a Plan of Expropriation for the properties within three months of granting of the approval to expropriate the properties, as required by the *Expropriations Act*;

And That the registered owners be served with a Notice of Expropriation and a Notice of Possession of the property after the registration of the Plan of Expropriation and the Regional Solicitor is authorized to take any and all actions required to enforce such Notices including but not limited to any application pursuant to Section 40 of the *Expropriations Act*;

And That the Regional Solicitor is authorized to enter into an agreement with registered owners, or to make an application under section 39 of the *Expropriations Act*, to adjust the date for possession specified in the Notice of Possession as may be required;

And That all above-referenced fee simple partial takings situated adjacent to an existing Regional public highway be acquired for road widening purposes and therefore be deemed to form part of the adjacent public highway in accordance with subsection 31(6) of *the Municipal Act, 2001*;

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And That if no agreement as to compensation is made with an owner, the statutory Offer of Compensation and payment be served upon the registered owners of the properties in the amount of the market value of interests in the lands as estimated by the Region's appraiser in accordance with the *Expropriations Act*;

And Further That the Regional Solicitor be authorized to discontinue expropriation proceedings or any part thereof, in respect to the above described lands, or any part thereof, upon the registration of title of the required documentation to complete the transaction or if determined by the Commissioner of Transportation and Environmental Services that such lands, or any part of interest thereof, are not required for the subject Project.

5. That the Regional Municipality of Waterloo authorize having organizations currently participating or interested in joining the TravelWise Transportation Management Association execute an Acknowledgement of Terms and Conditions Form for a 1 year term, in a form satisfactory to the Regional Solicitor;

That the Regional Municipality of Waterloo authorize the Commissioner of Transportation and Environmental Services to enter into a new Collaborative Agreement with Sustainable Waterloo Region to deliver the services of the TravelWise Transportation Management Association for a 1 year term, in a form satisfactory to the Regional Solicitor;

And that the Regional Municipality of Waterloo support, in principle, a collective drive-alone reduction goal of five per cent below 2015 levels by 2020 for the entire TravelWise Transportation Management Association, as described in Report TES-TRS-17-01 dated March 7, 2017.

6. That the Regional Municipality of Waterloo enter into agreements with the University of Waterloo and Wilfrid Laurier University to implement card replacement programs that would ensure U-Passes can be validated electronically using the Region's upcoming Electronic Fare Management (EFMS) system in a form satisfactory to the Regional Solicitor, as described in Report No. TES-TRS-17-03, dated March 7, 2017.
7. That the Region of Waterloo take the following actions regarding the Grand River Transit Northfield Facility construction project;
 - a) Approve the Environmental Project Report dated February 1, 2017 as prepared by IBI Group and direct staff to file for Notice of Completion of the transit Environmental Assessment process; and
 - b) Appoint S. Strickland to participate on the Project Steering Committee. [COR-FFM-17-04]

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8. That the Regional Municipality of Waterloo approve Rockwell Automation/Allen Bradley, as the new standard supplier for the Water Programmable Logic Controllers (PLC) for replacement of PLCs as required;

And that the Manager of Procurement - Chief Purchasing Officer be authorized to enter into a supply agreement with Rockwell Automation/Allen Bradley that is agreeable to the Commissioner of the Transportation and Environmental Services and to implement the above recommendation. [TES-WAS-17-08]

9. That the Regional Municipality of Waterloo accept the "Waterloo North Water Supply Municipal Class Environmental Assessment, Addendum to the Environmental Study Report" summarized in this Report TES-WAS-17-10 dated March 7, 2017;

And that the Regional Municipality of Waterloo publish the Notice of Completion for the EA Addendum and provide the Addendum Report along with the original Environmental Study Report for public review and comment for a 30-day period, in accordance with the Municipal Engineers Association's Class Environmental Assessment process.

10. That the Regional Municipality of Waterloo receive the 2016 Summary Report, the minutes from the annual Management Review of the Drinking Water Quality Management System (DWQMS) and maintenance plan update as outlined in report TES-WAS-17-13 dated March 7, 2017.

March 7, 2017

The Regional Municipality of Waterloo

Administration and Finance Committee

Summary of Recommendations to Council

The Administration and Finance Committee recommends as follows:

1. a) That the Regional Municipality of Waterloo request the Province of Ontario to consider implementing a Provincial income tax credit for contributions to municipal election campaigns;

And that this motion be circulated to the area municipalities in the Region of Waterloo for support.
- b) That the Regional Municipality of Waterloo encourage the Province of Ontario to launch provincial initiatives for promoting municipal elections and providing a co-ordinated effort at advertising across the province to raise the profile with the potential to increase voter participation/turnout;

And that this motion be circulated to the area municipalities in the Region of Waterloo for support. [PDL-CAS-17-05]
2. That the Region of Waterloo take the following actions with respect to the Periodic Financial Report for the year ended December 31, 2016 as set out in report COR-FSD-17-08 dated March 7, 2017:
 1. Approve the preliminary 2016 financial results for the purposes of preparing the Region's 2016 Audited Financial Statements;
 2. Establish an Employee Benefits Claims Stabilization Reserve effective December 31, 2016 and deposit to such reserve all amounts transferred from its benefit carrier;
 3. Establish a Housing Provider Revolving Loan Reserve; and,
 4. Amend the Surplus Allocation Policy and apply such amended Surplus Allocation Policy to the 2016 financial results.

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3. That the Regional Municipality of Waterloo approve project funding allocations totalling \$115,460 from the Community Environmental Fund to support the fourteen Environmental Stewardship projects described in Attachment 1 of Report PDL-CPL-17-08, dated March 7, 2017.

March 7, 2017

The Regional Municipality of Waterloo

Community Services Committee

Summary of Recommendations to Council

The Community Services Committee recommends as follows:

1. That the Region of Waterloo forwards a copy of report PHE-17-02, dated March 7, 2017, as feedback, to the Ministry of Health and Long Term Care, with a copy to the Association of Local Public Health Agencies (aLPHa) and the Association of Municipalities of Ontario (AMO), as part of the consultation process for the draft revised “Standards for Public Health Programs and Services.”
2. That the Regional Municipality of Waterloo approve the Emergency Shelter Program Framework as outlined in report CSD-HOU-17-07, dated March 7, 2017.

Conflict:
E. Clarke

March 7, 2017

alPHa's members are
the public health units
in Ontario.

March 17, 2017

UPDATED

alPHa Sections:

Boards of Health
Section

Council of Ontario
Medical Officers of
Health (COMOH)

**Affiliate
Organizations:**

Association of Ontario
Public Health Business
Administrators

Association of
Public Health
Epidemiologists
in Ontario

Association of
Supervisors of Public
Health Inspectors of
Ontario

Health Promotion
Ontario

Ontario Association of
Public Health Dentistry

Ontario Association of
Public Health Nursing
Leaders

Ontario Society of
Nutrition Professionals
in Public Health

Roselle Martino
Assistant Deputy Minister
Population and Public Health Division
Ministry of Health and Long-Term Care
10th Floor, 80 Grosvenor Street,
Toronto, Ontario M7A 2C4

Dear Roselle,

Re: Public Health Programs and Services Consultation

On behalf of member Medical Officers of Health, Boards of Health and Affiliate organizations of the Association of Local Public Health Agencies (alPHa), I am writing today to provide our initial feedback on the *Standards for Public Health Programs and Services Consultation Document* that was released for comment on February 17.

We recognize that a great deal of work went into this review, and appreciate the fact that many of our members were directly involved in the development of the revised Standards for Public Health. We are also pleased with the decision to hold regional consultations and hope that the feedback that you receive from our members as part of these will be carefully considered, as our members will be more likely to provide more detailed operational feedback not covered here. Finally, we are most appreciative of the extension to the original April 3 deadline to accommodate a more thorough consideration of the document.

Our response as an Association is based primarily on what we heard at the 2017 alPHa Winter Symposium and follow-up discussions during meetings of our Council of Ontario Medical Officers of Health (COMOH) and Boards of Health Sections as well as the alPHa Executive Committee and Board of Directors since that time.

We understand that the intent of the present consultation is to gather feedback on operational considerations and implementation requirements and supports. We expect that the most useful feedback on these will be heard as part of the regional consultations that will take place later this month, as staff and managers who are most familiar with the various programs and services are in the best position to provide the required analysis and advice.

Indeed, a recurring theme that we have heard from our members during and following our February symposium is that it will be difficult to fully assess the operational implications of the revised standards before more clarity on the more specific expectations are available. We are given to understand that these will emerge with the development of protocols, guidance documents and annual service plan template, and we would appreciate assurances that the field will be fully involved in this process so that we can answer the operational and implementation questions as they arise.

Similarly, the importance of examining the existing and potential capacity, resource and funding issues cannot be overstated. These have been at the forefront of our discussions of the revised standards so far, and the expectations will need to be more clearly understood before an assessment of the capacity to meet them can be properly carried out.

The above uncertainties notwithstanding, we already have significant concerns about capacity in light of our escalating struggles to meet our existing mandate and respond to local needs with constrained budgets. These struggles will only intensify with the new program and process obligations that are laid out in the revised standards and the continued implementation of the public health funding formula.

We have, for example, communicated on several occasions as part of our feedback on the Patients First initiative that increasing engagement with the health care sector carries with it significant resource implications. Assisting with the planning of health care delivery services is a new application of public health's expertise in population health assessment, which requires different analytical approaches and is in addition to the applications that we will be expected to continue.

Even if this and the various other added requirements are offset by the subtraction or consolidation of others, there will be resource implications related to adapting our service delivery processes to the shifts in expectations, including retraining staff for new obligations, re-allocating resources and developing outreach and negotiation strategies for programs that we are no longer expected to provide directly but are still expected to ensure are available. New administrative requirements such as developing annual public health service plans and individualized programs of public health interventions will also entail significant additional consideration.

We also have some concerns about the much less prescriptive approach to the health promotion standards. Although we are very receptive to the greater latitude to tailor health promotion / chronic disease prevention programs via local public health "intervention plans", we see a potential risk to their effectiveness and sustainability in the current fiscal climate. If available resources remain static (as they have now for two years in most cases), meeting the more explicit health protection requirements on an ongoing basis will almost certainly erode the resources left over for the delivery of effective tailored health promotion programs and services over time. We recommend that there be mechanisms developed to mitigate this risk and protect our critical work in the more flexible areas of the standards.

As we observed above, there is still much that has not yet been defined within the new standards, and there are additional uncertainties about the outcomes of the correlated health system transformation processes. We do see this as an important opportunity to answer questions and address concerns, and it will be exceedingly important that these processes (including but not limited to the Expert Panel on Public Health, the Public Health-Local Health Integration Network Work Stream, the new Accountability Framework) are appropriately bridged to ensure that we have the information we need to guide us through the transformation process. We would appreciate assurances that we will be full participants in ensuring that these processes and their products serve the best interests for effective health protection and promotion throughout the province.

It is important to note that the above points are reflective of the collective discussions that our members have had in the short time since the release of the consultation document. The emergence of other questions and concerns as the revised Standards are more closely examined are a near-certainty, and we hope that you will remain open to discussing them – including feedback on content - in the months leading to the January 2018 implementation.

In closing, we recognize that having such explicit and comprehensive public health standards is unusual in Canada and we are grateful to have a strong foundation for the practice of public health in Ontario. We thank you for the opportunity to assist in further strengthening Ontario's public health system to most effectively protect and promote the health of all Ontarians.

Yours sincerely,

A handwritten signature in cursive script that reads "Carmen McGregor".

Carmen McGregor
alPHa Vice-President

COPY: Dr. David Williams, Chief Medical Officer of Health
Sharon Lee Smith, Associate Deputy Minister, Policy and Transformation, Ministry of Health and Long-Term Care
Dr. Bob Bell, Deputy Minister of Health and Long-Term Care, Ministry of Health and Long-Term Care



Report: TES-WAS-17-12

Region of Waterloo

Transportation and Environmental Services

Water Services

To: Chair Ken Seiling and Members of Regional Council

Date: March 22, 2017

File Code: E13-20/8322-10

Subject: Waterloo, Kitchener and Galt Cogeneration: Approval to File Renewable Energy Approval Application

Recommendation:

That the Regional Municipality of Waterloo direct staff to submit the Renewable Energy Approval Applications for the Waterloo, Kitchener and Galt Cogeneration Facilities to the Ministry of the Environment and Climate Change (MOECC) for review and subsequent filing as summarized in this Report TES-WAS-17-12 dated March 22, 2017;

And that the Regional Municipality of Waterloo publish the Notice of Posting to the Environmental Registry once the MOECC has completed their review and the application has been posted by the MOECC to the Environmental Registry for a 30 day public comment period, in accordance with the “Environmental Protection Act, Renewable Energy Approvals” under Part V.0.1 of the Act (O. Reg. 359/09).

Summary:

The Renewable Energy Approval (REA) Process is a Provincial approval process administered by the Ministry of Environment and Climate Change (MOECC). The REA involves the completion of a number of technical reports as well as communication with the public and stakeholders through Public Consultation Centres.

The REA is similar to the Municipal Class Environmental Assessment (EA) process in that it involves consultation with stakeholders. The REA is also a technical approval process. As such, the REA application is sent to the MOECC with the 11 reports that were provided for public and stakeholder review along with a Consultation Report summarizing the consultation activities completed as part of the process. These reports

are reviewed by the MOECC in conjunction with REA application form. Once the MOECC has completed this review and is satisfied with the information provided, a Proposal for Renewable Energy Approval will be posted to the Environmental Registry (www.ebr.gov.on.ca) for a minimum of 30-days for public comment.

The REA process requires that within 10 days of the proposal being posted to the Environmental Registry, the Region must notify the public that the application is under review and post all final documents to the Region's website. The public may provide any final comments to the Director of the Environmental Approvals Access and Service Integration Branch of the MOECC. Any comments will be considered before final approval by the MOECC is granted.

Report:

The 2011 Biosolids Master Plan recommended implementation of Cogeneration at the Kitchener, Waterloo, and Galt Wastewater Treatment Plants (WWTPs). Cogeneration uses biogas produced in the treatment of biosolids for production of electrical energy. It also recovers waste heat from the cogeneration process to provide heat required at some wastewater treatment processes and for heating buildings. The use of this renewable fuel significantly reduces Green House Gas (GHG) emissions by offsetting electrical energy and heating requirements at the WWTPs.

The Renewable Energy Approval (REA) process is a Provincial process administered by the Ministry of Environment and Climate Change (MOECC). The process applies to renewable energy generating facilities including solar, wind, anaerobic digestion, biogas or biofuel. The REA process is similar to the Municipal Class Environmental Assessment (EA) process under which a number of Regional infrastructure projects are completed. Similar to the Class EA process, the REA process involves engagement and communication with stakeholders.

Consultation with the public was conducted through two rounds of Public Consultation Centres (PCCs) held for each WWTP. The first round of PCCs was held in November 2016. The second set of PCCs was held on March 7, 8 and 9, 2017. The public was in support of the undertaking and the general comment was the reuse of biogas for generating energy is a good idea.

As part of the REA process, a number of studies were completed to look at potential impacts associated with the proposed cogeneration facilities. Reports summarizing details from each study were made available on the project website to all stakeholders, including the public and aboriginal contacts, 60 days in advance of the second round of PCCs. These reports include:

1. Construction Plan Report

2. Design and Operations Report
3. Decommissioning Plan Report
4. Cultural Heritage Self-Assessment Report
5. Archeological Assessment Report
6. Natural Heritage Report
7. Water Assessment Report
8. Emission Summary and Dispersion Modelling Report
9. Noise Study Report
10. Odour Study Report
11. Updated Project Description Report (PDR)- summarizing all the above draft REA reports

These reports are required as part of the REA process and evaluate any potential impacts associated with the construction and operation of the proposed facilities. The reports found that there are minimal impacts associated with the construction of the facilities. Any potential impacts during construction will be mitigated through typical construction planning such as erosion and sediment control as well as activities taking place during the designated work times.

Components of the design of each facility will include engineering solutions to mitigate any potential noise, odours and emissions impacts. These will include noise attenuating enclosures and high efficiency exhaust silencers. The studies demonstrated that the proposed facilities will meet all of the provincial regulations associated with noise, odours and emissions.

The above 11 reports, the REA application and a Consultation Report summarizing the consultation activities completed as part of the process are sent to the MOECC for review and approval. Once the MOECC has completed this review and is satisfied with the information provided, a Proposal for Renewable Energy Approval will be posted to the Environmental Registry (www.ebr.gov.on.ca) for a minimum of 30-days for public review and comment.

The REA process requires that within 10 days of the proposal being posted to the Environmental Registry, the Region must notify the public that the application is under review and post all final documents to the Region's website. The public may provide any comments directly to the Director of the Environmental Approvals Access and Service Integration Branch of the MOECC. Any comments will be considered before final approval by the MOECC is granted.

Corporate Strategic Plan:

The implementation of Cogeneration at the Galt, Kitchener and Waterloo WWTPs contributes to Focus Area 3: Environment and Sustainable Growth and Strategic Objective 3.3 Enhance efforts to improve air quality.

Financial Implications:

The Council approved 2017 Ten Year Water Capital Forecast includes projected spending of \$24.1 million between 2017 and 2026 for design and construction of the three cogeneration facilities. The estimated cost of detailed design and construction of the three cogeneration facilities including engineering fees is approximately \$18.8 million. Remaining funds will cover the cost for the upgrade of the electrical systems at these plants for the connection of the cogeneration systems. More detailed cost estimates will be developed during the detailed design phase of the project, and will be used for updating future Wastewater Capital Forecasts.

This project is being funded \$4.9 million from the Water Development Charges Reserve Fund (26%) and the \$13.9 million from the Water Capital Reserve Fund (74%).

Other Department Consultations/Concurrence:

Community Planning (Sustainability Specialist) of Planning, Development and Legislative Services has been involved in the implementation of this project.

Attachments

NIL

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Approved By: Thomas Schmidt, Commissioner, Transportation and Environmental Services