



The Regional Municipality of Durham

Works Committee Agenda

Council Chambers
Regional Headquarters Building
605 Rossland Road East, Whitby

Wednesday, January 8, 2020

9:30 AM

1. Declarations of Interest

2. Adoption of Minutes

- A) Works Committee meeting – December 4, 2019 Pages 4 - 21
- B) Closed Works Committee meeting – December 4, 2019 Under Separate Cover

3. Statutory Public Meetings

There are no statutory public meetings

4. Delegations

There are no delegations

5. Presentations

- 5.1 Perry Sisson, Director, Engineering and Field Operations, Central Lake Ontario Conservation Authority, re: Lake Ontario Water Levels

6. Waste

6.1 Correspondence

- A) Correspondence dated December 18, 2019 from the Association of Municipalities of Ontario (AMO), re: Call for Action to Pass a Resolution about Transition of the Blue Box to Full Producer Responsibility

Recommendation: Refer to staff for a report

22 - 27

6.2 Reports

There are no Waste Reports to be considered

7. **Works**

7.1 Correspondence

7.2 Reports

- A) Award of Request for Proposal #1105-2019 for Engineering Services for the Detailed Design of the Rehabilitation of Lake Ridge Road (Regional Road 23) from 100 metres north of Myrtle Road/9th Concession Road (Regional Road 5) to 800 metres south of Chalk Lake Road, in the City of Pickering, Town of Whitby and the Townships of Uxbridge and Scugog (2020-W-1) 28 - 32
- B) Approval for Sole Source Procurement for the Supply of Equipment and Materials to be Specified within Proposed Regional Municipality of Durham Contract D2019-009 for the Construction of the Newcastle Water Supply Plant and Port of Newcastle Sanitary Sewage Pumping Station, in the Municipality of Clarington (2020-W-2) 33 - 37
- C) Award of Request for Proposal #657-2019 for an Authorized Dealer for Design, Supply and Installation of Teknion Leverage Workstation Systems Furniture and Teknion Demountable Wall Systems and Related Workstation Peripheral Equipment for all Regional Municipality of Durham Facilities excluding Durham Regional Police Services Locations (2020-W-3) 38 - 41
- D) Amendment and Extension of Lease for Premises with 552595 Ontario Limited at 1775 Reach Street, in the Township of Scugog for the Regional Municipality of Durham Paramedic Services (2020-W-4) 42 - 44
- E) Termination of Industrial Raw Water Agreement with WEGU Manufacturing Inc. in the Town of Whitby (2020-W-5) 45 - 47
- F) Detailed Design, Construction Administration, Project Planning, and Monitoring Assignments for the Replacement of Incineration Reactors 1 and 2 at the Duffin Creek Water Pollution Control Plant, in the City of Pickering (2020-W-6) 48 - 52
- G) Acquisition of Property Recommended for the Construction of Phase 2 of the Durham Regional Police Service Complex, in the Municipality of Clarington (2020-W-7) 53 - 57

8. Advisory Committee Resolutions

There are no advisory committee resolutions to be considered

9. Confidential Matters

There are no confidential matters to be considered

10. Other Business

11. Date of Next Meeting

Wednesday, February 5, 2020 at 9:30 AM

12. Adjournment

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The Regional Municipality of Durham

MINUTES

WORKS COMMITTEE

Wednesday, December 4, 2019

A regular meeting of the Works Committee was held on Wednesday, December 4, 2019 in Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby, Ontario at 9:30 AM

Present: Councillor Mitchell, Chair
Councillor Marimpietri, Vice-Chair, attended the meeting at 9:36 AM and left the meeting at 11:40 AM
Councillor Barton
Councillor Crawford
Councillor McLean
Councillor John Neal

Also

Present: Councillor Collier left the meeting at 10:40 AM

Absent: Regional Chair Henry
Councillor Smith

Staff

Present: E. Baxter-Trahair, Chief Administrative Officer
G. Anello, Manager, Waste Planning and Technical Services
J. Demanuele, Director of Business Services
R. Inacio, Systems Support Specialist, Corporate Services – IT
R. Jagannathan, Director of Transportation and Field Services
M. Januszkiewicz, Director of Waste Management
A. Naeem, Solicitor, Corporate Services – Legal Services
J. Paquette, Manager (Works), Corporate Communications
S. Penak, Committee Clerk, Corporate Services – Legislative Services
J. Presta, Director of Environmental Services
K. Ryan, Senior Solicitor, Corporate Services – Legal Services
S. Siopis, Commissioner of Works
N. Taylor, Commissioner of Finance

1. Declarations of Interest

Councillor Marimpietri made a declaration of interest under the Municipal Conflict of Interest Act with respect to Report #2019-W-87: Confidential Report of the Commissioner of Works – Litigation or Potential Litigation, including matters before Administrative Tribunals, affecting the Regional Corporation, with Respect to Settlement Agreement for a Claim under Section 1(1) of the Expropriations Act, R.S.O. 1990, c. E.26, Related to the Replacement of Watermains and Sanitary Sewers and the Construction of a Cycle Track on Athol Street East, in the City of Oshawa. He indicated that his spouse owns and operates a business with property on Athol Street, which continues to be impacted by the project described within Report #2019-W-87 of the Commissioner of Works.

2. Adoption of Minutes

Moved by Councillor McLean, Seconded by Councillor Barton,
(168) That the minutes of the regular Works Committee meeting held on
Wednesday, November 6, 2019, be adopted.

CARRIED

3. Statutory Public Meetings

There were no statutory public meetings.

4. Delegations

4.1 George Rocoski, Energy from Waste-Waste Management Advisory Committee (EFW-WMAC) Chair, re: EFW-WMAC Annual Report

G. Rocoski appeared before the Committee with a PowerPoint presentation in regard to the Energy from Waste–Waste Management Advisory Committee Annual Update Report.

Highlights from the presentation included:

- Committee Members 2016-2017
- 2019 Committee Meetings
 - Tuesday, April 23, 2019
 - Tuesday, May 28, 2019
 - Tuesday, September 24, 2019
 - Tuesday, November 26, 2019
- 2019 Summary
- 2020 Anticipated Areas of Interest

G. Rocoski highlighted the activities of the Committee through 2019; future tours of Durham’s waste management facilities; and updates on the emissions from the Durham York Energy Centre (DYEC).

G. Rocoski responded to questions from the Committee.

4.2 Wendy Bracken, Clarington Resident, re: the AMESA Long-Term Sampling System

W. Bracken appeared before the Committee with a PowerPoint presentation in regard to the AMESA Long-Term Sampling System.

Highlights from the presentation included:

- Environmental Compliance Approval (ECA) Condition 7. (3)
- Environmental Compliance Approval (ECA) Condition 14. (4)(g)
- Four Years In: AMESA Issues Remain Unresolved Monthly Data Withheld
- Durham Staff Are Not Reviewing the Monthly AMESA Data
- My Freedom of Information Requests
- Dr. Jahnke Document Received Through FOI on Continuous Sampling for Dioxins and Furans
- Jahnke Document (Page 11) on AMESA
- Jahnke Document (Pages 25,26) on Common Problem of Correlation Issues
- Jahnke Document (Page 26) on Success in Europe for Monitoring Trends
- FOI Document: Email from Manufacturer to Region Consultant regarding Big Differences Between Stack and AMESA Results
- DYEC has had Major Dioxin/Furan Stack Exceedances

Moved by Councillor John Neal, Seconded by Councillor Crawford,
(169) That the Rules of Procedure be suspended in order to grant W. Bracken a 5-minute extension to finish her delegation.

CARRIED on a 2/3rds Vote

- From Chandler Memo to Durham Staff: Fall 2016 Testing at DYEC
- Dioxin/Furan Ambient Air Exceedance May 26, 2018: Questions and Concerns Still Remain; Very Calm Day
- Ministry Review Was Limited: Did Not Review AMESA Data, nor Profiles
- Four Years In: AMESA Issues Remain Unresolved Monthly Data Withheld

W. Bracken responded to questions from the Committee.

Moved by Councillor John Neal, Seconded by Councillor Crawford,
(170) That the Rules of Procedure be suspended in order to permit Linda Gasser to appear as a delegation with respect to the Incinerator Long-Term Sampling System for Dioxins AMESA.

CARRIED on a 2/3rds Vote

4.3 Linda Gasser, Durham Resident, re: Incinerator Long-Term Sampling System for Dioxins AMESA

L. Gasser appeared before the Committee with a PowerPoint presentation in regard to the Incinerator Long-Term Sampling System for Dioxins AMESA.

Highlights from the presentation included:

- Environmental Compliance Approval (ECA) Condition 7. (3)
- September 24, 2019 EFW-WMAC meeting – Covanta has AMESA data, Durham Staff Not Reviewing Sampling Results
- From: 2018 AMESA Long Term sampling System Work Plan Issue Date: October 17, 2018 Page 7 of 12
- York Staff Have Audited Some AMESA Results, Durham Staff don't?
- 2018 AMESA Long Term Sampling System Work Plan Issue Date: October 17, 2018, Page 10
- What Consultant John Candler wrote in August 2016
- Council must retain independent external expert to review
- Please direct staff to post the AMESA sampling data from start up to date on DYEC website
- Please direct staff to retain qualified and independent external expert

Moved by Councillor John Neal, Seconded by Councillor Barton, (171) That a one time 2-minute extension be granted to allow L. Gasser to finish her delegation.

CARRIED

L. Gasser requested that Council direct Durham staff to obtain and immediately post all AMESA sampling data for each sampling period from installation to date, to the DYEC website and to post sampling results for each sampling period thereafter.

L. Gasser responded to questions from the Committee.

In response to a question G. Anello advised that once the AMESA cartridge data becomes correlated with the stack test results, it is used for trend analysis. Prior to the correlation, the AMESA data would be considered invalid. He advised that staff will be reporting back on the AMESA workplan.

M. Januszkiewicz responded to questions regarding St. Marys Cement's proposal to burn garbage at their facility; and whether their standards would align with those of the Durham York Energy Centre. She advised that St. Marys Cement would be willing to make a presentation to the Works Committee.

5. Presentations

5.1 John Presta, Director, Environmental Services, re: Works Department – 2020 Water Supply and Sanitary Sewerage Business Plans and Budgets (2019-W-98) [Item 7.2 L]

J. Presta provided a PowerPoint presentation regarding the 2020 Water and Sanitary Sewerage Business Plans and Budgets.

Highlights from the presentation included:

- 2020 Budget – Strategic Priorities
- Budget Overview
- Sanitary Sewerage System
- Durham’s Water Supply System
- 2019 Accomplishments
- 2020 Proposed Water Supply and Sanitary Sewerage Expenditures and Financing
- 2020 Sanitary Sewerage Proposed Expenditures and Financing
- 2020 Water Supply Proposed Expenditures and Financing
- 2020 Priorities and Highlights
- Major Project
 - Water Supply and Sanitary Sewerage
 - Regional Road Program: Phase 1: Intersection improvements Highway No. 2 and Stevens Rd.
 - Watermain and sanitary sewer replacement on Olive Ave. from Simcoe St. S. to Drew St., Oshawa
 - Water Supply
 - Watermain replacement on Cameron St. from Elizabeth St. to Windsor Dr., Linton Ave. from Kearney Dr. to Old Kingston Rd., Windsor Dr. from Old Kingston Rd. to Cameron St., and Sherwood Rd. from Windsor Dr. to dead-end, Ajax
 - Buildings: Seaton Zone 4 Reservoir and Zone 5 Water Pumping Station, Pickering
 - Buildings: Ajax Water Supply Plant – Environmental Assessment
 - Buildings: Corbett Creek Water Pollution Control Plant – Environmental Assessment
 - Buildings: Bowmanville Water Supply – Environmental Assessment
 - Sanitary Sewerage
 - Courtice Trunk Sanitary Sewer: Phase 3: Baseline Rd. from Courtice Rd. to Trulls Rd. and Trulls Rd. from Baseline Rd. to Bloor St., Oshawa/Courtice
- 2020 Risks and Uncertainties
- 2020 Initiatives to Modernize & Find Service Efficiencies

- Future Budget Pressures
- Questions

J. Presta advised that the Sanitary Sewerage Program and the Water Supply Program is user rate supported and is not financed by property taxes.

J. Presta responded to questions regarding the expansion of the sewer system through downtown Ajax; and whether there will be any other shared facilities in the future, such as the Duffin Creek Water Pollution Control Plant, that is shared with the Region of York.

It was the consensus of the Committee to recess for 10 minutes. The Committee recessed at 10:42 AM and reconvened at 10:52 AM.

6. Waste

6.1 Correspondence

- A) Correspondence dated October 31, 2019 from the Town of Whitby, re: Single Use Recyclables

Moved by Councillor Marimpietri, Seconded by Councillor Barton, (172) That the correspondence dated October 31, 2019 from the Town of Whitby, regarding single use recyclables, be referred to staff for consideration.

CARRIED

6.2 Reports

- A) Award of Request for Proposal #528-2019 for Consulting Services to Conduct the Annual Environmental Monitoring Programs at the Regional Municipality of Durham's Seven Landfill Sites and the Durham York Energy Centre for Reporting Years 2020, 2021, and 2022 (2019-WR-12)

Report #2019-WR-12 from S. Siopis, Commissioner of Works, was received.

In response to a question, staff clarified the difference between a "landfill site" and a "clean fill site", and where excess material/fill is sent from Durham's construction/roadwork projects.

Staff also responded to a question with respect to the Brock West Landfill, in the City of Pickering, and whether Durham Region receives reports regarding the decontamination process and monitoring.

Councillor John Neal questioned whether Durham Region comments on site alteration permits received from a city. S. Siopis advised that she would follow-up with the Planning Department and get back to him directly.

Moved by Councillor Barton, Seconded by Councillor Marimpietri,
(173) That we recommend to Council:

- A) That Request for Proposal #528-2019 be awarded to RWDI Inc. for consulting services to conduct all field work and reporting required under the annual monitoring programs for groundwater, surface water, soil, and subsurface gas, at the Regional Municipality of Durham's seven landfill sites and the Durham York Energy Centre for the 2020, 2021 and 2022 reporting years, at a combined upset limit not to exceed \$217,204.00*; and
- B) That the Commissioner of Finance be authorized to execute the necessary agreements.
(*) before applicable taxes

CARRIED

- B) Award of Request for Proposal #1080-2019 Consulting Services for the Development of a New Long-Term Waste Management Master Plan 2021-2040 for the Regional Municipality of Durham (2019-WR-13)

Report #2019-WR-13 from S. Siopis, Commissioner of Works, was received.

Staff responded to a question regarding whether the Long-Term Waste Management Master Plan will involve discussions with respect to AMESA sampling.

Moved by Councillor Barton, Seconded by Councillor Marimpietri,
(174) That we recommend to Council:

- A) That Request for Proposal #1080-2019 be awarded to HDR Corporation to provide consulting services to develop a new Long-Term Waste Management Master Plan to guide the Region through to 2040 at a contract price of \$199,971.00*; and
- B) That the Commissioner of Finance be authorized to execute the necessary agreements.
(*) before applicable taxes

CARRIED

7. Works

7.1 Correspondence

- A) Correspondence dated October 31, 2019 from the Town of Whitby, re: The Town of Whitby's Road Rationalization Resolution

Moved by Councillor McLean, Seconded by Councillor Barton,
(175) That the correspondence dated October 31, 2019 from the Town of Whitby, regarding the Town of Whitby's road rationalization resolution, be referred to staff for consideration.

CARRIED

- B) Email Correspondence dated November 8, 2019 from Linda Gasser, re: a series of articles in the Toronto Star and other publications nationally up to November 8, 2019, on lead being found in water; requesting staff for an update on Durham's related lead programs; and the revised lead sampling protocol

Moved by Councillor McLean, Seconded by Councillor Barton,
(176) That the email correspondence dated November 8, 2019 from Linda Gasser, re: a series of articles in the Toronto Star and other publications nationally up to November 8, 2019, on lead being found in water; requesting staff for an update on Durham's related lead programs; and the revised lead sampling protocol be referred to the consideration of Report #2019-W-97 of the Commissioner of Works.

CARRIED

- C) Email Correspondence dated November 16, 2019 from Linda Gasser, re: requesting Council to direct the Works Department and the Medical Officer of Health to investigate best practices around water sampling with the objective to get a more accurate depiction of the lead that residents are exposed to; and that the Works Department provide an inventory of municipal lead service connections, and a preliminary estimate of private properties likely to have lead in their water supply based on age, with an enhanced regional sampling program targeting these buildings as a priority

Moved by Councillor McLean, Seconded by Councillor Barton,
(177) That the email correspondence dated November 16, 2019 from Linda Gasser, re: requesting Council to direct the Works Department and the Medical Officer of Health to investigate best practices around water sampling with the objective to get a more accurate depiction of the lead that residents are exposed to; and that the Works Department provide an inventory of municipal lead service connections, and a preliminary estimate of private properties likely to have lead in their water supply based on age, with an enhanced regional sampling program targeting these buildings as a priority be referred to the consideration of Report #2019-W-97 of the Commissioner of Works.

CARRIED

7.2 Reports

A) Acquisition of Land Required for the Construction of a Sanitary Sewer and Watermain North/South of Rossland Road and West of Des Newman Boulevard, in the Town of Whitby (2019-W-86)

Report #2019-W-86 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(178) That we recommend to Council:

- A) That the purchase agreement for lands required for sanitary sewer and watermain north/south of Rossland Road and west of Des Newman Boulevard in the Town of Whitby be approved:

HER MAJESTY THE QUEEN in right of the Province of Ontario, Represented by the Minister of Transportation for the Province of Ontario	Part of Lot 34, Concession 3, being part of PIN 26548-3331 shown as Parts 2 and 3 on 40R-30043	\$337,067
	Part of Lot 34, Concession 2, being part of PIN 26547-1268 shown as Part 4 on 40R-30533 Town of Whitby	

- B) That the acquisition be financed from securities provided to the Regional Municipality of Durham by the West Whitby Landowners Group included as part of the approved project budget; and
- C) That the Regional Chair and Clerk be authorized to execute all documents associated with the agreement.

CARRIED

B) Sole Source Award and Approval for the Unbudgeted Capital Purchase of a Xylem Pump for the Harmony Creek Sanitary Sewage Pumping Station, in the City of Oshawa (2019-W-88)

Report #2019-W-88 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(179) That we recommend to Council:

- A) That approval be granted for the unbudgeted capital purchase of a Xylem Pump for the Harmony Creek Sanitary Sewage Pumping Station in the City of Oshawa, estimated at \$110,000*;
- B) That the Regional Municipality of Durham enter into a sole source agreement with Xylem Canada Company for the supply of the Xylem Pump for the Harmony Creek Sanitary Sewage Pumping Station; and

- C) That financing in the amount of \$110,000 for the purchase be provided as follows:

2019 Works Sanitary Sewerage System Capital Budget as follows:

Item #63 Raw Sludge Pumps Harmony Creek Water Pollution
Control Plant – User Revenues \$50,000

Item #21 Digester Mechanical Repair Courtice WPCP
- User Revenues 60,000

Total Reallocated Financing **\$110,000**

(* before applicable taxes and including disbursements
CARRIED

- C) Additional Information Regarding Imposition of a Maximum Chargeable Frontage Length for Sanitary Sewer and Water Supply Petition Projects (2019-W-89)

Report #2019-W-89 from S. Siopis, Commissioner of Works, was received.

Detailed discussion ensued regarding imposing a maximum chargeable frontage length for sanitary sewer and water supply petition projects instead of full cost recovery.

In Councillor Collier's absence, Councillor Crawford communicated his comments regarding staff's recommendation to maintain full cost recovery for petition projects, specifically Ontoro Boulevard, including that the Works Committee recommend Option 3, capping residential frontages at 75 metres as referenced on Page 8 of Report #2019-W-89 of the Commissioner of Works, as Option 3 would not require a new petition.

S. Siopis advised that the Region is currently positioned to move forward with Ontoro Boulevard and Fielding Court, as they were successful petitions.

Moved by Councillor McLean, Seconded by Councillor Barton,
(180) That we recommend to Council:

That the Regional Municipality of Durham maintain full cost recovery for petition projects as outlined in current policies and by-laws and not implement maximum chargeable frontage lengths.

REFERRED TO COUNCIL WITHOUT
RECOMMENDATION
(See Following Motion)

Moved by Councillor McLean, Seconded by Councillor Marimpietri,
(181) That Report #2019-W-89 of the Commissioner of Works be referred to
Council without a recommendation.

CARRIED

D) Amendment and Extension of Lease for Premises with 1513072 Ontario Inc. at
234 King Street East, in the Municipality of Clarington for the Regional
Municipality of Durham Social Services Department (2019-W-90)

Report #2019-W-90 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(182) That we recommend to Council:

- A) That the amendment and extension of lease for 180.254 square metres
(1,940.3 square feet) of office space, being part of the building located at
234 King Street East, in the Municipality of Clarington be approved with the
following terms and conditions:
- i) The term is for a period of two years commencing December 1, 2019,
ending November 30, 2021, with an option to extend for an additional
two years subject to the rental rate being negotiated;
 - ii) The annual rental rate for the two-year period of the lease is
\$23,283.60* based on a rate of \$129.17* per square metre (\$12.00*
per square foot);
 - iii) The Region is responsible for all operating costs for the space;
 - iv) The Region is responsible for a proportionate share of any applicable
property taxes; and
- B) That the Regional Chair and Clerk be authorized to execute all documents
associated with the amendment and extension of lease agreement.
(* before applicable taxes in all instances

CARRIED

E) Award of Request for Proposal #1006-2019 for Engineering Services to
Undertake the Detailed Design for the Gibb Street (Regional Road 59) – Olive
Avenue (Regional Road 59) Connection, in the City of Oshawa and Expropriation
of Lands Required for the Project (2019-W-91)

Report #2019-W-91 from S. Siopis, Commissioner of Works, was received.

Staff responded to questions regarding the expropriation of lands process;
whether there has been any opposition or concerns from homeowners; and when
all homeowners affected by this project will be contacted.

Moved by Councillor McLean, Seconded by Councillor Barton,
(183) That we recommend to Council:

- A) That Request for Proposal #1006-2019 be awarded to R.V. Anderson Associates Limited to provide engineering services to undertake the detailed design for the Gibb Street (Regional Road 59) – Olive Avenue (Regional Road 59) Connection, in the City of Oshawa, with a total upset limit not to exceed \$996,932* funded from the approved project budget of \$7,267,350;
- B) That the Commissioner of Finance be authorized to execute the engineering services agreement;
- C) That authority be granted to Regional Municipality of Durham staff to initiate Expropriation proceedings, if necessary, where negotiations are unsuccessful with respect to the property requirements for the Gibb Street (Regional Road 59) – Olive Avenue (Regional Road 59) Connection project in the City of Oshawa as are generally depicted in Attachment #1 to Report #2019-W-91 of the Commissioner of Works, and for such other property requirements as may be determined and identified by Regional Municipality of Durham staff required for the project;
- D) That authority be granted to Regional Municipality of Durham staff to serve and publish Notices of Application for Approval to Expropriate the property requirement as described in Recommendation C) in Report #2019-W-91, and to forward to the Chief Inquiry Officer any requests for hearing that are received, to attend the hearings to present the Regional Municipality of Durham's position, and to report the Inquiry Officer's recommendations to Regional Council for its consideration;
- E) That authority be granted to the Regional Clerk and Regional Chair to execute any notices and forms as may be statutorily mandated by the Expropriations Act R.S.O. 1990, c. E.26 to give effect to Recommendation D) in Report #2019-W-91, including the Notices of Application of Approval to Expropriate; and
- F) That all agreements and reports required for amicable property acquisitions and all agreements and reports required for settlements pursuant to the Expropriations Act R.S.O. 1990, c. E.26 related to the acquisition of property for the construction of road improvements required as part of the Gibb Street (Regional Road 59) – Olive Avenue (Regional Road 59) Connection project in the City of Oshawa remain confidential on a go-forward basis in accordance with Section 239 (2)(c) of the Municipal Act as it relates to a proposed or pending acquisition or disposition of land for Regional Corporation purposes, and only be released publicly by the Commissioner of Works once all claims for compensation have been resolved on a complete and full and final basis.

(*) before applicable taxes and includes disbursements
CARRIED

- F) Approval to Award a Sole Source Agreement for Annual Vehicle Hoist Inspection and Periodic Preventative Maintenance of Steril Koni Vehicle Hoists in Use at the Durham Region Transit Facilities (2019-W-92)

Report #2019-W-92 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(184) That we recommend to Council:

- A) That a sole source agreement be authorized to Novaquip Lifting Systems to perform annual vehicle hoist inspection and manufacturer recommended preventative maintenance effective January 1, 2020 for a term not to exceed six (6) years to ensure safety and reliability of the vehicle hoists at the Durham Region Transit facilities at an estimated total contract value of \$311,175* for a period of six years; and
- B) That the Commissioner of Finance be authorized to execute the necessary documents related to this sole source agreement.
(*) before applicable taxes

CARRIED

- G) Amendments to Regional Traffic and Parking By-Law #44-2006 (2019-W-93)

Report #2019-W-93 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(185) That we recommend to Council:

- A) That Corporate Services - Legal Services be directed to prepare a by-law to amend By-Law #44-2006, generally in the form included as Attachment #1 to Report #2019-W-93 of the Commissioner of Works, for presentation to Regional Council for consideration; and
- B) That staff be authorized to take all steps required and necessary to implement the amendments contemplated to By-Law #44-2006 as indicated in the form included as Attachment #1 to Report #2019-W-93.

CARRIED

- H) Sole Source Engineering Services Agreement for the Class Environmental Assessment and Preliminary Design of Bloor Street East (Regional Road 22) from East of Harmony Road South (Regional Road 33) to Grandview Street South, in the City of Oshawa (2019-W-94)

Report #2019-W-94 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(186) That we recommend to Council:

- A) That the Regional Municipality of Durham enter into a sole source engineering services agreement with AECOM Canada Limited to undertake the Class Environmental Assessment and Preliminary Design of Bloor Street East (Regional Road 22) from east of Harmony Road South (Regional Road 33) to Grandview Street South, in the City of Oshawa at an amount not to exceed \$602,160*; and
- B) That the funding for the project in the amount of \$602,160 be provided as outlined below:

Residential Roads Development Charges	\$415,490
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Commercial Roads Development Charges	48,173
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At the discretion of the Commissioner of Finance (non-DC portion)	<u>138,497</u>
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Total	<u>\$602,160</u>
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(*) before applicable taxes and including disbursements
CARRIED

- I) Approval of Pre-Qualified Consultants resulting from Pre-Qualification #1002-2019 for Consulting Services for Preliminary and Detailed Design of Segments of Whites Road (Regional Road 38), from Finch Avenue (Regional Road 37) to Taunton Road (Regional Road 4), in the City of Pickering (2019-W-95)

Report #2019-W-95 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(187) That we recommend to Council:

- A) That in accordance with Request for Pre-Qualification #1002-2019, the following consultants be pre-qualified for preliminary and detailed design of segments of Whites Road (Regional Road 38), from Finch Avenue (Regional Road 37) to Taunton Road (Regional Road 4), in the City of Pickering:
- CH2M Hill Canada Ltd. (operating as Jacobs)
 - GHD Limited
 - HDR Corporation
 - R.V. Anderson Associates Limited; and

- B) That the Request for Proposal documents for preliminary / detail design of the Whites Road (Regional Road 38) Realignment, from 300 metres south of Pickering Concession Road 3 to Taunton Road (Regional Road 4), including any preliminary design of Whites Road (Regional Road 38) from Finch Avenue (Regional Road 37) to 300 metres south of Concession Road 3 which is required to facilitate this design, be issued only to the above noted consultants.

CARRIED

- J) Class Environmental Assessment to Assess Outfall Capacity Limitations at the Duffin Creek Water Pollution Control Plant – Minister of the Environment Conservation and Parks Decision (2019-W-96)

Report #2019-W-96 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton, (188) That we recommend to Council:

That Regional staff implement the conditions imposed by the Minister of the Environment Conservation and Parks decision regarding the Class Environmental Assessment to Assess Outfall Capacity Limitations at the Duffin Creek Water Pollution Control Plant in the City of Pickering in collaboration with the Region of York, Town of Ajax and the City of Pickering.

CARRIED

- K) Lead Water Service Replacement and Lead Monitoring Programs – The Regional Municipality of Durham (2019-W-97)

Report #2019-W-97 from S. Siopis, Commissioner of Works, was received.

Discussion ensued regarding what information is available on the Durham website with respect to the Lead Water Service Replacement and Lead Monitoring Programs; the process once lead is identified in a home; whether there is a central list identifying homes with lead pipes; and what the process is for schools.

Moved by Councillor McLean, Seconded by Councillor Barton, (189) That we recommend to Council:

That Report #2019-W-97 of the Commissioner of Works be received for information.

CARRIED

- L) Works Department – 2020 Water Supply and Sanitary Sewerage Business Plans and Budgets (2019-W-98)

Report #2019-W-98 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(190) That we recommend to the Finance and Administration Committee for
subsequent recommendation to Regional Council:

That the 2020 Works Department portion of the 2020 Water Supply System
Budget and the 2020 Sanitary Sewerage System Budget be approved.

CARRIED

This item will be considered at the Finance & Administration Committee meeting
to be held on Tuesday, December 10, 2019.

M) Extension of the York Durham Sewage System Operating Agreement (2019-W-99)

Report #2019-W-99 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(191) That we recommend to Council:

- A) That the current York Durham Sewage System Operating Agreement between the Regional Municipality of Durham and the Regional Municipality of York for the operations of the York Durham Primary System components be extended for a six-month term commencing January 1, 2020 under the existing terms; and
- B) That the Regional Chair and Clerk be authorized to execute the associated documents related to a six-month extension of the current York Durham Sewage System Operating Agreement.

CARRIED

N) Acquisition of Property Required for the Expansion of Sanitary Sewerage Services in the Township of Brock (Cannington) (2019-W-100)

Report #2019-W-100 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor Barton,
(192) That we recommend to Council:

- A) That the purchase agreement for the expansion of sanitary sewerage services in the Township of Brock (Cannington) be approved:

2382109 Ontario Inc.	12 Laidlaw Street North	\$895,000
	Part of Lot 21, Concession 12	
	Brock	

- B) That financing for the acquisition be provided at the discretion of the Commissioner of Finance; and

- C) That the Regional Chair and Clerk be authorized to execute all documents associated with the agreement.

CARRIED

8. Advisory Committee Resolutions

There were no advisory committee resolutions to be considered.

9. Confidential Matters

9.1 Reports

- A) Confidential Report of the Commissioner of Works – Litigation or Potential Litigation, including matters before Administrative Tribunals, affecting the Regional Corporation, with Respect to Settlement Agreement for a Claim under Section 1(1) of the Expropriations Act, R.S.O. 1990, c. E.26, Related to the Replacement of Watermains and Sanitary Sewers and the Construction of a Cycle Track on Athol Street East, in the City of Oshawa (2019-W-87)
-

Confidential Report #2019-W-87 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Crawford,

- (193) That the meeting be closed to the public in order to consider a matter that is subject to litigation or potential litigation as it relates to the replacement of watermains and sanitary sewers and the construction of a cycle track on Athol Street East, in the City of Oshawa.

CARRIED

(Refer to the Closed Meeting Minutes of December 4, 2019)

Chair Mitchell advised that during the closed meeting session there was an exchange of information between Council and staff pertaining to litigation or potential litigation as it relates to the replacement of watermains and sanitary sewers and the construction of a cycle track on Athol Street East, in the City of Oshawa.

Moved by Councillor McLean, Seconded by Councillor Barton,

- (195) That we recommend to Council:

That the recommendations contained in Confidential Report #2019-W-87 of the Commissioner of Works, be adopted.

CARRIED

10. Other Business

There was no other business to be considered.

11. Date of Next Meeting

The next regularly scheduled Works Committee meeting will be held on Wednesday, January 8, 2020 at 9:30 AM in Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby.

12. Adjournment

Moved by Councillor McLean, Seconded by Councillor Barton,
(196) That the meeting be adjourned.

CARRIED

The meeting adjourned at 11:45 AM

Respectfully submitted,

D. Mitchell, Chair

S. Penak, Committee Clerk

From: AMO President <amopresident@amo.on.ca>
Sent: Wednesday, December 18, 2019 6:39 PM
Subject: Call for Action to Pass a Resolution about Transition of the Blue Box to Full Producer Responsibility
Attachments: Attachment 1 - Background on Transition to Full Producer Responsibility 2019-12-18.pdf; Attachment 2 - Example Resolution on Transition to Full Producer Responsibility 2019-12-18.pdf

Dear Mayor/Head of Council:

RE: Call for Action to Pass a Resolution about Transition of the Blue Box to Full Producer Responsibility

I would ask your Council to pass a resolution outlining your municipal government's preferred date to transition your Blue Box program to full producer responsibility if provided the opportunity to self-determine (between January 1, 2023 and December 31, 2025). While the Province has not yet determined what mechanism will be used to choose when municipalities will transition, AMO believes your Councils are in the best position to decide when the best time to transition your Blue Box program is based on your specific circumstances (e.g. assets, contracts, integrated waste management system).

AMO is asking that a Council resolution be passed by June 30, 2020, be directed to AMO and the Ontario Ministry of Environment Conservation and Parks, that specifies:

1. Your Council's preferred date to transition based on exiting service provision (between January 1, 2023, and December 31, 2025);
2. Rationale for transition date;
3. Whether your municipal government is interested in potentially continuing to provide services (e.g. contract management, collection, haulage processing services etc.) or not; and,
4. Key contacts if there are any follow-up questions.

NOTE: Your Council's stated preference may not be the final determination of your transition date, nor are you obligated in any way by the date that is specified. Please read the rationale for self-determination (**Attachment 1**), and the example resolution (**Attachment 2**) for more details.

Thank you for your attention and assistance in this matter. If you have any questions or require further information, please contact Dave Gordon, Senior Advisor, at 416 389 4160 or dgordon@amo.on.ca or Amber Crawford, Policy Advisor, at 416 971 9856 extension 353 or acrawford@amo.on.ca.

Sincerely,

Jamie McGarvey
AMO President

Mayor of Parry Sound

Attachment 1: Background on Transition to Full Producer Responsibility

Attachment 2: Example Resolution on Transition to Full Producer Responsibility

Attachment 1: Background on Transition to Full Producer Responsibility

Municipal governments have been advocating for over a decade for producers to have full fiscal and operational responsibility for end of life management of their packaging, printed paper and paper products. Producers are best positioned to reduce waste, increase the resources that are recovered and reincorporated into the economy and enable a consistent province-wide system that makes recycling easier and more accessible.

In August 2019, Minister Yurek announced that municipal Blue Box programs will be transitioned to full producer responsibility over a three-year period based on the recommendations from the Special Advisor’s report titled, “Renewing the Blue Box: Final report on the blue box mediation process.” Municipal governments played a key role in helping to develop the recommendations within this report. These recommendations broadly reflected the positions advocated by AMO and there was also a great deal of alignment with producers on how the Blue Box should be transitioned.

The municipal transition is proposed to occur between 2023 and the end of 2025, as shown in the table below:

Date	Description
Sept. 2019 → Dec. 2020	Blue Box wind-up plan developed for Stewardship Ontario
	Development of a Regulation under the <i>Resource Recovery and Circular Economy Act, 2016</i>
Jan. 2021 → Dec. 2022	Producers prepare to assume control and operation of system and work with municipal governments and service providers
Jan. 1, 2023 → Dec. 31, 2025	Transition of individual municipal Blue Box programs to full producer responsibility. Occurs in phases over three years with a rolling total of up to one-third of the Provincial program transitioning annually

The Minister wants to ensure that the transitioned Blue Box system is affordable for producers, workable for the waste processing sector, and effective and accessible for residents. AMO and municipal representatives are involved in the consultation process to develop a new regulation for the Blue Box. The Province’s intent is to finalize a Regulation by the end of 2020.

AMO staff held in-person workshops on the Blue Box transition across the Province through October and November 2019 to discuss this topic with municipal waste management staff. Over 165 staff and elected officials attended the sessions in Vaughan, London, Smiths Falls, North Bay and Dryden. The workshops provided an opportunity to engage directly with our sector to build understanding about this transition process and the level of engagement from attendees was excellent.

We also began the discussion about what municipal governments should take into consideration about how to prepare for this change and what factors might be considered as to when a Council might want to transition.

HOW YOUR RESOLUTION WILL HELP INFORM THE DISCUSSION:

The resolutions will be used to map out an ideal transition timeline, and determine whether there are years that are over or under subscribed, as it has been dictated that a rolling total of up to one-third of Blue Box programs can transition each year. This information will also allow AMO and the Province to better understand whether there are conflicts. If there are too many conflicts, the Province may still need to retain a third-party expert to develop a methodology as to how municipal Blue Box programs will transition.

However, rather than deferring to the Province to retain an expert immediately, we think this information would provide a good basis for a more informed decision to be made.

Attachment 2: Sample Resolution

Your Council's stated preference may not be the final determination of your transition date, nor are you obligated in any way by the date that is specified. The resolution will be used to map out an ideal transition timeline, and determine whether there are years that are over or under subscribed, as it has been dictated that a rolling total of up to one-third of Blue Box programs can transition each year. This information will also allow AMO and the Province to better understand whether there are conflicts. If there are too many conflicts, the Province may still need to retain a third-party expert to develop a methodology as to how municipal Blue Box programs will transition.

Resolution on Transition to Full Producer Responsibility

WHEREAS the amount of single-use plastics leaking into our lakes, rivers, waterways is a growing area of public concern;

WHEREAS reducing the waste we generate and reincorporating valuable resources from our waste stream into new goods can reduce GHGs significantly;

WHEREAS the transition to full producer responsibility for packaging, paper and paper products is a critical to reducing waste, improving recycling and driving better economic and environmental outcomes;

WHEREAS the move to a circular economy is a global movement, and that the transition of Blue Box programs would go a long way toward this outcome;

WHEREAS the **Municipality of X** is supportive of a timely, seamless and successful transition of Blue Box programs to full financial and operational responsibility by producers of packaging, paper and paper products;

AND WHEREAS the Association of Municipalities of Ontario has requested municipal governments with Blue Box programs to provide an indication of the best date to transition our Blue Box program to full producer responsibility;

THEREFORE BE IT RESOLVED:

THAT the **Municipality of X** would like to transition their Blue Box program to full producer responsibility [month] [date], [year] (between January 1, 2023 and December 31, 2025).

AND THAT this decision is based on the following rationale:

1. **Insert rationale based on analysis of contracts, assets, integrated waste management system or other considerations (e.g., our collection contract for Blue Box material expires December 31, 2024 and our processing contract for Blue Box material also expires December 31, 2024.)**

AND THAT the **Municipality of X** would be interested in providing collection services to Producers should we be able to arrive at mutually agreeable commercial terms.

AND FURTHER THAT any questions regarding this resolution can be directed to Jane Doe, City Manager at xxx-xxx-xxxx or jane.doe@municipalityx.ca

AND FURTHER THAT the resolution be forwarded to the Association of Municipalities of Ontario and the Ontario Ministry of the Environment, Conservation and Parks.

EXAMPLE

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-1
Date: January 8, 2020

Subject:

Award of Request for Proposal #1105-2019 for Engineering Services for the Detailed Design of the Rehabilitation of Lake Ridge Road (Regional Road 23) from 100 metres north of Myrtle Road/9th Concession Road (Regional Road 5) to 800 metres south of Chalk Lake Road, in the City of Pickering, Town of Whitby and the Townships of Uxbridge and Scugog

Recommendation:

That the Works Committee recommends to Regional Council:

- A) That Request for Proposal #1105-2019 be awarded to The Municipal Infrastructure Group Limited (TMIG Ltd.) to provide engineering services for the detailed design of the rehabilitation of Lake Ridge Road (Regional Road 23) from 100 metres north of Myrtle Road/9th Concession (Regional Road 5) to 800 metres south of Chalk Lake Road, in the City of Pickering, Town of Whitby and the Townships of Uxbridge and Scugog, with a total upset limit not to exceed \$250,688* to be funded from the approved project budget of \$650,000 and;
 - B) That the Commissioner of Finance be authorized to execute the professional services agreement.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to provide details and seek authorization to award Request for Proposal (RFP) #1105-2019 to The Municipal Infrastructure Group Limited (TMIG) to provide engineering services for the detailed design of the

rehabilitation of Lake Ridge Road (Regional Road 23) from 100 metres (m) north of Myrtle Road / 9th Concession Road (Regional Road 5) to 800 m south of Chalk Lake Road, in the City of Pickering, Town of Whitby and the Townships of Uxbridge and Scugog. Dollar amounts followed by an asterisk (*) include disbursements and are before applicable taxes.

2. Background

- 2.1 Lake Ridge Road is a north-south road which extends from Lake Ontario in the Towns of Ajax and Whitby and traverses northerly to Lake Simcoe in the Township of Brock. It is a Type A Arterial from Bayly/Victoria Street (Regional Road 22) northerly as designated in the Durham Regional Official Plan (ROP). Type A Arterial roads are flow oriented corridors with the purpose of providing connections between local area municipalities in the Regional Municipality of Durham (Region) and areas not serviced by provincial highways. Segments of the roadway currently exhibit a variety of material distresses and deterioration, requiring engineered solutions to ensure operational safety and increased service life.
- 2.2 Project limits defined for RFP #1105-2019 extend from 100 m north of the intersection of Myrtle Road/9th Concession Road northerly for approximately 2.9 kilometres (km) to 800 m south of Chalk Lake Road (See Attachment #1). The south limit of the project will tie into the recently rehabilitated portion of Lake Ridge Road at the intersection of Myrtle Road/9th Concession Road, and the north limit will abut another rehabilitation project which is currently being designed by in-house staff.

3. Request for Proposal #1105-2019

- 3.1 RFP #1105-2019 to provide engineering services for the rehabilitation of Lake Ridge Road from 100 m north of Myrtle Road to 800 m south of Chalk Lake was issued and advertised publicly on September 6, 2019, through the Region's website.
- 3.2 The RFP closed on October 4, 2019. Proposals were received from the following five (5) respondents:
- Associated Engineering (Ontario) Limited
 - BT Engineering Incorporated
 - Cole Engineering Group Limited
 - Morrison Hershfield Limited
 - The Municipal Infrastructure Group Limited

- 3.3 The proposals were evaluated by an evaluation team comprised of staff from the Works Department. The Region's Purchasing Section of the Finance Department oversaw the evaluation process.
- 3.4 All five (5) proposals were deemed compliant and were reviewed and evaluated in accordance with the evaluation criteria outlined in the RFP, which consisted of the following elements:
- Company and Work Team Qualifications and Experience (40%)
 - Project Management, Approach & Methodology (50%)
 - Pricing (10%)
 - References (Pass / Fail)
- 3.5 Based on an overall technical and financial evaluation of the proposals by the evaluation committee, it is recommended that the highest scoring proponent, TMIG, be awarded the professional services assignment.

4. Financial Implications

- 4.1 Section 9.4.1 of the Region's Purchasing By-Law 68-2000 (Amended) requires where the project or annual value of a consulting or professional service assignment is expected to be more than \$60,000, the approval of Regional Council is required for the award of the assignment when proposals are obtained.
- 4.2 The engineering services assignment, in an amount not to exceed \$250,688*, can be funded from within the approved capital project budget of \$650,000. (Project R1718).

5. Conclusion

- 5.1 It is recommended that Request for Proposal #1105-2019 for engineering services for the detailed design of the rehabilitation of Lake Ridge from 100 metres north of Myrtle Road/9th Concession Road to 800 metres south of Chalk Lake Road, in the City of Pickering, Town of Whitby and the Townships of Uxbridge and Scugog, be awarded to The Municipal Infrastructure Group Limited for a total upset limit of \$250,688*.
- 5.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the financial recommendations.

5.3 For additional information, please contact Reuben Shanthikumar, Project Manager, Transportation Design, at 905-668-7711, ext. 3525.

6. Attachments

Attachment #1: Map Depicting Extent of Project Limits

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

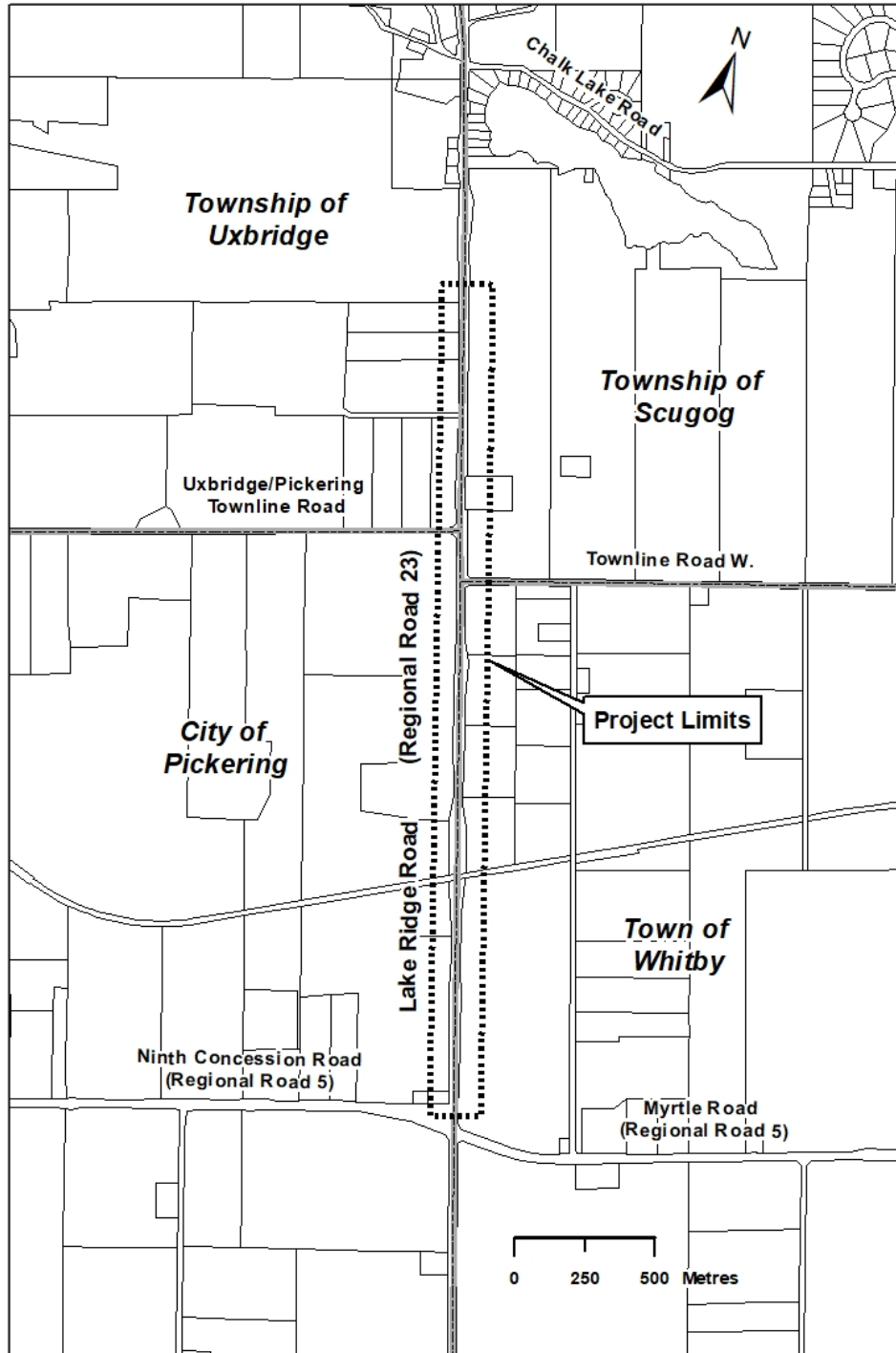
Recommended for Presentation to Committee

Original signed by:

Elaine Baxter-Trahair
Chief Administrative Officer

ATTACHMENT #1: RFP #1105-2019 – Project Limits

Lake Ridge Road (Regional Road 23) from 100m north of Myrtle Road / 9th Concession Road (Regional Road 5) to 800m south of Chalk Lake Road



If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-2
Date: January 8, 2020

Subject:

Approval for Sole Source Procurement for the Supply of Equipment and Materials to be Specified within Proposed Regional Municipality of Durham Contract D2019-009 for the Construction of the Newcastle Water Supply Plant and Port of Newcastle Sanitary Sewage Pumping Station, in the Municipality of Clarington

Recommendation:

That the Works Committee recommends to Regional Council:

- A) That approval be granted to specify Trojan Technologies as the sole manufacturer and supplier of Ultra-Violet Disinfection equipment and materials for the construction of the disinfection system at the Newcastle Water Supply Plant, within the proposed Regional Municipality of Durham Contract D2019-009 (estimated value of \$200,000*); and
 - B) That approval be granted to specify Hydroxyl Environmental Inc. as the sole manufacturer and supplier of the Odour Control equipment and materials for the construction of the odour control system at the Port of Newcastle Sanitary Sewage Pumping Station, within the proposed Regional Municipality of Durham Contract D2019-009 (estimated value of \$200,000*).
-

Report:

1. Purpose

- 1.1 The purpose of this report is to obtain Regional Municipality of Durham (Region) Council approval to specify selected equipment and materials within the proposed

Regional Contact D2019-009, for the construction of the Newcastle Water Supply Plant (WSP) and the Port of Newcastle Sanitary Sewage Pumping Station (SSPS), in the Municipality of Clarington (Newcastle). Dollar amounts followed by an asterisk (*) are including disbursements and before applicable taxes.

2. Background

- 2.1 The detailed design of the Newcastle WSP and the Port of Newcastle SSPS is complete. The project consultant, R.V. Anderson Associates Limited (RVA) and Regional staff are currently working together to finalize the tender documents, including the contract specifications. A product list has been prepared that identifies over 300 materials and pieces of equipment required to construct the facilities.
- 2.2 This report has been prepared to obtain the approval for two manufacturers/suppliers of specified equipment and materials that address specific operational needs related to the facilities based on the justifications noted below.

3. Justification for Sole Source Procurement of the Ultra-Violet Disinfection Units

- 3.1 Four medium pressure Ultra-Violet (UV) units are specified for the construction of the Newcastle WSP to provide partial primary disinfection in conjunction with chlorine contact time in clearwells to achieve the full primary disinfection credit required by the Ministry of Environment, Conservation and Parks. Different water treatment methods or technologies have different disinfection credit ratings and different water sources have different credit requirements based on their risk level. The plant design using the combination of UV and chlorine contact for primary disinfection is the most efficient in economy and space and achieves the required disinfection credits.
- 3.2 Two Trojan medium pressure UV units were installed in the existing Newcastle WSP to provide temporary measures to meet the required disinfection credits. The upgrade under the Contract #D2018-046 was substantially completed on June 4, 2019. The two existing UV units are relatively new and are intended to be re-used at the new plant. The two existing Trojan UV units were selected based on its compatibility with the space constraints in the existing plant and were sole sourced in accordance with Committee of the Whole Report #2018-COW-41.

- 3.3 The new Water Supply Plant is proposed to have four (4) medium pressure UV units in total. The two new units and the two units relocated from the existing plant can provide the required disinfection credits.
- 3.4 Sole source of the Trojan medium pressure UV units for the Newcastle WSP would provide Plant Operations four (4) identical UV units, which would simplify operational and maintenance of the UV units. Additionally, only the original manufacturer of the existing UV units that are to be relocated can complete the required programming changes. Having identical units will result in some savings as one single programming setup is required. Different UV unit products require multiple programming setups by different manufacturers.

4. Justification for Sole Source Procurement of the Odour Control System

- 4.1 Hydroxyl Environmental Inc. (Hydroxyl) has developed a technology to control odours within sanitary sewage pumping stations, as well as specific locations within water pollution control plants. The patented technology is matured in the Ontario market and is used commonly in industrial, commercial and institutional sectors including hospitals.
- 4.2 Hydroxyl odour control units have been purchased and installed five Regional sanitary sewage pumping stations to address odour related issues. In 2016, the Hydroxyl odour control equipment installed in the sewage pumping stations has produced positive results in mitigating odour. The Plant Operations Division is continuing to purchase Hydroxyl units for retrofitting or replacing existing odour control equipment with poor performance throughout the Region, with systems currently installed in the Corbett Creek and Courtice WPCPs. Hydroxyl units are recommended by Plant Operations staff as standardized equipment for odour control in new sanitary sewage pumping stations.
- 4.3 Hydroxyl is the only company in Canada to supply and service this type of odour control system. The company is based in Ontario with replacement parts and service readily available. The supplier also offers a preventative maintenance program.
- 4.4 The Hydroxyl technology uses much less electricity and water and is constructed on a much smaller footprint when comparing to biofilter technology. Construction and operational costs are expected to be much less. When comparing to activated carbon scrubber technology, the Hydroxyl's technology is more effective at eliminating odours while having similar construction and operational costs.

- 4.5 Hydroxyl's technology utilizes moisture in the outside air to create the hydroxyls. Over time, it is expected this will reduce corrosion damage to internal components within the pumping station. In addition, it is unlike the activated carbon scrubber technology that requires periodic replacement of scrubber filter. Estimated budget to replace scrubber filter is \$25,000 per year. Operational costs of Hydroxyl's technology will outperform activated carbon scrubber technology over time.
- 4.6 The estimated equipment cost for the Hydroxyl odour control system is \$200,000. The estimated costs for the activated carbon scrubber technology and biofilter technology, are \$250,000 and \$500,000 respectively.

5. Financial Implications

- 5.1 The Region's Purchasing By-Law 68-2000 (Amended), Section 8.1.1 permits that in cases where there is only one known source of supply, the acquisition of goods and services can be made through a negotiation process.
- 5.2 Supply of the items noted above will be included within the upcoming Regional Contract D2019-009 for the construction of the Newcastle WSP and Port of Newcastle SSPS (Projects D1107 and D1411) with an estimated contract cost of \$45 million.

6. Conclusion

- 6.1 It is recommended that approval be granted to specify Trojan Technologies as the sole manufacturer and supplier of Ultra-Violet Disinfection system for the construction of the disinfection system at the Newcastle Water Supply Plant, in the Municipality of Clarington, within the proposed Regional Municipality of Durham Contract D2019-009.
- 6.2 It is recommended that approval be granted to specify Hydroxyl Environmental Inc. as the sole manufacturer and supplier of the Odour Control system for the construction of the Port of Newcastle Sanitary Sewage Pumping Station, within the proposed Regional Municipality of Durham Contract D2019-009.

6.3 For additional information, please contact Mr. Jim McGilton, Manager, Environmental Service Design, at 905-668-7711, extension 3485.

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine Baxter-Trahair
Chief Administrative Officer

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-3
Date: January 8, 2020

Subject:

Award of Request for Proposal #657-2019 for An Authorized Dealer for Design, Supply and Installation of Teknion Leverage Workstation Systems Furniture and Teknion Demountable Wall Systems and Related Workstation Peripheral Equipment for all Regional Municipality of Durham Facilities excluding Durham Regional Police Services Locations

Recommendation:

That the Works Committee recommends to Regional Council:

- A) That Request for Proposal #657-2019 be awarded to Holmes & Brakel Limited to provide design support services and the supply, delivery, installation, and follow up warranty support of Teknion Leverage Workstation Systems furniture, Teknion Demountable Wall Systems and related workstation peripheral equipment for all Regional Municipality of Durham facilities excluding Durham Regional Police Services locations on an “as required” basis effective until June 30, 2023, with an option to extend for one year;
- B) That financing for design support services and the supply, delivery and installation of Teknion Leverage Workstation Systems furniture, Teknion Demountable Wall Systems and related workstation peripheral equipment be provided through the individual project budgets for construction, renovation, reconfiguration and optimization of Regional facilities; and
- C) That the Commissioner of Finance be authorized to execute the professional services agreement.

Report:**1. Purpose**

- 1.1 The purpose of this report is to provide details and seek authorization to award Request for Proposal (RFP) #657-2019 to Holmes & Brakel Limited to provide design support services and the supply, delivery, installation, and follow up warranty support of Teknion Leverage Workstation Systems furniture, Teknion Demountable Wall Systems and related workstation peripheral equipment for all Regional Municipality of Durham (Region) facilities excluding Durham Regional Police Services locations on an “as required” basis effective until June 30, 2023.

2. Background

- 2.1 On June 6, 2018, the Committee of the Whole endorsed a report to adopt Teknion Leverage Workstation System furniture as the standard modular workstation furniture installation within Regional facilities where Teknion modular furniture has already been installed and for all new construction projects requiring modular workstation furniture. The Region has a pricing agreement in place with Teknion Limited for favourable pricing for Teknion products effective until June 30, 2023.
- 2.2 Teknion Leverage Workstation Systems furniture is a modular workstation furniture product that consists of panels, work surfaces, and storage that connect to form a typical cubicle style workspace. The individual components can be configured in a variety of ways maximizing design and installation flexibility.
- 2.3 Approximately 95 per cent of Regional facilities, excluding Durham Regional Police Services, currently use the Teknion Leverage Workstation Systems furniture.
- 2.4 This report seeks approval to award an agreement for professional services for design support services, supply, delivery, installation and warranty follow up for Teknion Leverage Workstation Systems furniture and Teknion Demountable Wall systems.

3. Assignment for Professional Services

- 3.1 RFP #657-2019, to provide design support services and the supply, delivery, installation, and follow up warranty support of Teknion Leverage Workstation Systems furniture, Teknion Demountable Wall Systems and related workstation peripheral equipment for all Regional facilities excluding Durham Regional Police Services locations, was advertised publicly on August 16, 2019, through the

Region's website. The RFP included, but was not limited to, the scope of work, description of the services to be provided, submission instructions and evaluation criteria that would be applied during the evaluation of proposals submitted.

3.2 The RFP closed on September 30, 2019. The RFP resulted in the submission of two (2) compliant proposals from the following firms:

- Britacan Facilities Management Group
- Holmes & Brakel Limited

3.3 Evaluation of the proposals received was carried out by an evaluation committee made up of Works Department staff. The Region's Purchasing Section of the Finance Department oversaw the evaluation process.

3.4 The proposals were evaluated against the following evaluation criteria included within the RFP:

- Company Background, Qualifications and Experience (25%);
- Work Team Background, Qualifications and Experience (30%);
- Pricing (45%); and
- References (Pass/Fail).

3.5 Based on an overall technical and financial evaluation of the proposals by the evaluation committee, it is recommended that the highest scoring proponent, Holmes & Brakel Limited be awarded the professional services assignment for design support services and the supply, delivery, installation, and follow up warranty support of Teknion Leverage Workstation Systems furniture, Teknion Demountable Wall Systems and related workstation peripheral equipment.

4. Financial Implications

4.1 Section 10.4. of the Region's Purchasing By-Law 68-2000 (Amended) requires where it has been determined that proposals are to be used and the total purchase price is greater than \$125,000, a report setting out the results and recommending an award shall be submitted to the appropriate Standing Committee and Regional Council.

4.2 Financing for design support services and the supply, delivery and installation of systems furniture, wall systems and related workstation peripheral equipment procured through this contract will be provided through the individual project budgets for construction, renovation, reconfiguration and optimization of Regional facilities.

5. Conclusion

5.1 It is recommended that Request for Proposal #657-2019 be awarded to Holmes & Brakel Limited to provide design support services and the supply, delivery, installation, and follow up warranty support of Teknion Leverage Workstation Systems furniture, Teknion Demountable Wall Systems and related workstation peripheral equipment for all Regional Municipality of Durham facilities excluding Durham Regional Police Services locations on an as required basis effective until June 30, 2023 with an option to extend for one year.

5.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the financial recommendations.

5.3 For additional information, please contact Dave Nagy, Manager, Facility Design, Construction and Asset Management, at 905-668-7711, extension 2202.

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine Baxter-Trahair
Chief Administrative Officer



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-4
Date: January 8, 2020

Subject:

Amendment and Extension of Lease for Premises with 552595 Ontario Limited at 1775 Reach Street, in the Township of Scugog for the Regional Municipality of Durham Paramedic Services

Recommendations:

The Works Committee recommends to Regional Council:

- A) That the amendment and extension of lease for 241.54 square metres (2,600 square feet) of office space, being located at 1775 Reach Street, in the Township of Scugog be approved with the following terms and conditions:
 - i) The term is for a period of three years commencing January 1, 2020, ending December 31, 2022, with an option to purchase at fair market value;
 - ii) The annual rental rate for the three-year period of the lease is \$28,600* based on a rate of \$118.40* per square metre (\$11.00 per square foot);
 - iii) The Regional Municipality of Durham is responsible for all operating costs for the leased premises, including janitorial services, repairs and maintenance for the premises and grounds and property taxes;
 - iv) The Landlord is responsible for repairs and maintenance for the structure of the building and for replacement of the asphalt parking lot, when necessary; and
- B) That the Regional Chair and Clerk be authorized to execute all documents associated with the amendment and extension of lease agreement.

Report:**1. Purpose**

- 1.1 This report seeks authorization for the Regional Municipality of Durham (Region) to amend and extend the lease agreement with 552595 Ontario Limited at 1775 Reach Street, in the Township of Scugog (Scugog) for the Region's Paramedic Services. Dollar amounts followed by an asterisk (*) are before applicable taxes in all instances.

2. Background

- 2.1 The Region has leased 241.54 square metres (2,600 square feet) of space at 1775 Reach Street, in the Municipality of Scugog since January 2005.

3. Discussion

- 3.1 The proposed amendment and extension is recommended for a period of three years, commencing January 1, 2020 and ending December 31, 2022 with an option to purchase the property at fair market value through a right of first refusal contained within the lease agreement.
- 3.2 The total annual rental rate is \$28,600* for the \$118.40* per square metre (\$11.00* per square foot) per annum. The rental rate reflects a 50* cent per square foot increase compared to the previous agreement, with a total amount payment of \$27,300*.
- 3.3 The Region remains responsible for all operating costs for the leased premises, including janitorial services, repairs and maintenance for the premises and grounds and property taxes. Operating costs are estimated at \$7,300* and property taxes are estimated at \$5,500 annually.
- 3.4 The Landlord is responsible for repairs and maintenance for the structure of the building and for replacement of the asphalt parking lot, when necessary.

4. Financial Implications

- 4.1 Financing for the amendment and extension of lease of \$28,600* and related costs per annum will continue to be provided within the Region's Paramedic Services Operating Budget for this facility.

4.2 Since approval of this lease renewal requires a long-term financial obligation, the Regional Treasurer has updated the Region's financial debt and obligation limit. In accordance with Section 4 of the Ontario Regulation 403/02, the Region's Treasurer has calculated an updated long-term debt-financial limit and has determined that the limit has not been exceeded. Therefore, this amendment and extension lease does not require the approval of the Local Planning Appeal Tribunal.

5. Conclusion

5.1 The Regional Municipality of Durham Paramedic Services has advised that they want to amend and extend the lease at 1775 Reach Street in the Township of Scugog, and it is recommended that the Regional Municipality of Durham enter into an amendment and extension of lease agreement based on the above noted terms and conditions.

5.2 This report has been reviewed by the Finance Department.

5.3 For additional information, please contact Jenni Demanuele, Director, Business Services and Corporate Real Estate, at 905-668-7711, extension 3456.

Respectfully submitted,

Original signed by:

Susan Siopis, P. Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine C. Baxter-Trahair
Chief Administrative Officer



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-5
Date: January 8, 2020

Subject:

Termination of Industrial Raw Water Agreement with WEGU Manufacturing Inc. in the Town of Whitby

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That the Industrial Raw Water Agreement with WEGU Manufacturing Inc. be terminated; and
 - B) That the Regional Chair and Clerk be authorized to execute the necessary amendment.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to provide details and seek authorization to terminate the Industrial Raw Water Agreement with WEGU Manufacturing Inc. (WEGU) in accordance with the terms and conditions of the Industrial Raw Water Agreement.

2. Background

- 2.1 The Regional Municipality of Durham (Region) operates two industrial raw water supply systems at the Whitby Water Supply Plant (WSP) serving local industries. One system supplies water to Gerdau Ameristeel and the second system supplies water to WEGU.

3. Status of the WEGU Manufacturing Inc.

- 3.1 In 2019, WEGU, a manufacturing plant, decided to switch to a new process system using potable water supply. WEGU constructed and commissioned a closed loop water system in August 2019 and has shut off the raw water system connection since September 2019.
- 3.2 Staff recommend terminating the Industrial Raw Water Agreement with WEGU.

4. Financial Implications

- 4.1 The approved 2020 raw water rate has taken into consideration that WEGU switched their raw water supply to potable water supply.

5. Conclusion

- 5.1 It is recommended that the Industrial Raw Water Agreement with WEGU Manufacturing Inc. be terminated in accordance with the terms and conditions of the Industrial Raw Water Agreement.
- 5.2 This report has been reviewed by Legal Services – Corporate Services Department and the Finance Department. The Commissioner of Corporate Services and Commissioner of Finance concur with the recommendations.

5.3 For additional information, please contact Alfred Ho, Project Engineer,
Environmental Services Design Division at 905-668-7711 extension 3458.

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine Baxter-Trahair
Chief Administrative Officer



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-6
Date: January 8, 2020

Subject:

Detailed Design, Construction Administration, Project Planning, and Monitoring Assignments for the Replacement of Incineration Reactors 1 and 2 at the Duffin Creek Water Pollution Control Plant, in the City of Pickering

Recommendation:

That the Works Committee recommends to Regional Council:

- a) That the selection of the engineering consortium of “Team Duffin Creek” (Jacobs Canada Incorporated is identified as the prime consultant) by the Regional Municipalities of York and Durham be confirmed to carry out detailed design and construction administration services for the replacement of Reactors 1 and 2 at the Duffin Creek Water Pollution Control Plant at an upset limit of \$19,972,071*, with the Regional Municipality of Durham’s share of the cost identified as \$5,232,683*, to be funded from the approved project budget; and
 - b) That the selection of Revay and Associates Limited by the Regional Municipalities of York and Durham be confirmed to carry out project planning and monitoring services for the above project at an upset limit of \$1,000,000*, with the Regional Municipality of Durham’s share of the cost identified as \$262,000*, to be funded from the approved project budget.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to obtain approval of the Regional Municipality of Durham’s share of the cost for engineering services for “Team Duffin Creek” to

undertake detailed design and construction administration services, and for Revay & Associates Limited (Revay) to undertake project planning and monitoring services, for the replacement of Incineration Reactors 1 and 2 at the Duffin Creek Water Pollution Control Plant (WPCP), in the City of Pickering (Pickering). Dollar amounts followed by an asterisk (*) include disbursements and are before applicable taxes.

2. Background

- 2.1 Works Committee Report #2016-W-66 previously requested and obtained approval from Regional Council for “Team Duffin Creek” to provide conceptual design services for the replacement of Incineration Reactors 1 and 2 at the Duffin Creek WPCP in Pickering. The report stated that Regional Works Department staff would report back to Regional Council on project status and further financial implications as the project entered the detailed design and construction administration phases.
- 2.2 Conceptual design activities were completed by “Team Duffin Creek” in the second quarter of 2017.
- 2.3 The Region of York (York) and Region of Durham (Durham) jointly developed Request for Engineering Services (RFP #I-18-01) for detailed design and construction administration services for the replacement of Incineration Reactors 1 and 2 at the Duffin Creek WPCP and was issued by York. Project team members from both Regions evaluated the submission and recommended that the contract be awarded to “Team Duffin Creek”. On behalf of both Regions, York Council awarded the contract to Jacobs Canada Incorporated as the prime consultant of “Team Duffin Creek” on May 9, 2018.
- 2.4 York and Durham jointly developed Request for Engineering Services (RFP#I-18-02) for project planning and monitoring services for the replacement of Reactors 1 and 2 at the Duffin Creek WPCP and was issued by York. Project team members from both Regions evaluated the submissions and recommended the award of the contract to Revay. On behalf of both Regions, York Council awarded the contract to Revay on May 9, 2018.

3. Justification for “Team Duffin Creek”

- 3.1 The consortium of “Team Duffin Creek” has extensive facility knowledge, and has had extensive interaction with operations staff, through their involvement in numerous projects at the Duffin Creek WPCP. Jacobs Canada Incorporated

(formerly CH2M Hill Canada Limited) was responsible for the detailed design of the recently commissioned Incineration Reactors 3 and 4 at the Duffin Creek WPCP in conjunction with the incineration equipment supplier. AECOM Canada Limited (AECOM), also a member of “Team Duffin Creek”, was the original design consultant (as Proctor and Redfern) of Incineration Reactors 1 and 2, as well as the consultant for the refurbishment of Reactors 1 and 2 (as Earth Tech Canada) completed in the early 2000s.

- 3.2 Replacement of the existing reactors is a complex undertaking that will require construction activities to occur within a continuously operating facility in order to maintain secure solids management capacity during the three-to-five-year construction window. Auxiliary system integration steam, ash disposal, and building ventilation are just some examples of the many complex systems that “Team Duffin Creek” has gained extensive familiarity and knowledge about, which will enable “Team Duffin Creek” to prepare the detailed construction documents required to complete the works within project timelines and budget. This high level of knowledge is also required to ensure that regulatory compliance is maintained during this significant construction project.
- 3.3 In its previous assignments, “Team Duffin Creek” has demonstrated effective cost control and an ability to meet the schedule timelines.

4. Justification for Revay

- 4.1 Revay has been an integral part of the on-time and on-budget delivery of various projects at the Duffin Creek WPCP since 2005. Their main contributions to project delivery have been as an independent subject matter expert during design and construction contracts relating to claims and risk analysis, as well as detailed schedule and earned value dissection. Revay evaluates and analyzes variables and risks that cross multiple concurrent contracts and project scopes to provide an overarching risk assessment.
- 4.2 Revay is currently retained along with “Team Duffin Creek” for the Stages 1 and 2 Upgrades project at the Duffin Creek WPCP, and assists with overall capital scheduling and planning, specific contract scheduling (with an emphasis on earned value analysis), engineering and construction cost controls, and claims mitigation. Revay assists in monitoring “Team Duffin Creek” fees and evaluating contractor claims as part of the successful management of change orders.
- 4.3 Revay’s specialized technical claims and schedule analysis through previous projects has provided value to the Regions, realized as reduced and avoided

claims. This value can be realized again during the complex replacement of Reactors 1 and 2.

5. Financial Implications

- 5.1 The project will be cost shared based on the 15-year average utilization of Incineration Reactors 1 and 2 by Durham and York.
- 5.2 The 2020 Sanitary Sewerage Business Plans and Budget includes Durham's share of approved total financing of \$10,742,000 for detailed design engineering, construction administration, and associated work for this project. This is sufficient to fund Durham's share of the detailed design as well as project planning and monitoring services (Project Y1503).

Region	Cost Splits	Upset Limit*
Durham	26.2%	\$5,494,683
York	73.8%	\$15,477,387
Total	100.0%	\$20,972,070

6. Conclusion

- 6.1 It is recommended that the Regional Municipality of Durham concur with the award of detailed design and construction administration services for the replacement of Reactors 1 and 2 at the Duffin Creek WPCP to "Team Duffin Creek" (Jacobs Canada Incorporated is identified as the prime consultant) at an upset limit of \$19,972,071* with the Regional Municipality of Durham's share of the cost identified as \$5,232,683*.
- 6.2 It is recommended that the Regional Municipality of Durham concur with the award of project planning and monitoring services for the replacement of Reactors 1 and 2 at the Duffin Creek WPCP to Revay and Associates Limited at an upset limit of \$1,000,000* with the Regional Municipality of Durham's share of the cost identified as \$262,000*.
- 6.3 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the recommendations.

6.4 For additional information, please contact Rich Tindall, Manager of Plant Operations, at 905-668-7711, extension 3547.

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine C. Baxter-Trahair
Chief Administrative Officer

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-7
Date: January 8, 2020

Subject:

Acquisition of Property Recommended for the Construction of Phase 2 of the Durham Regional Police Service Complex in the Municipality of Clarington

Recommendation:

That the Works Committee recommends to Regional Council:

- A) That the purchase agreement for additional lands for the Durham Regional Police Service Complex in the Municipality of Clarington be approved:

James Robert Maguire,	2188 Bloor Street East	\$650,000
Stanley Matthew Maguire,	Clarington, ON	
John Arthur Maguire,	Part Lot 20, Conc. 2, Darlington.	
Estate of Lesley Maguire	Parts 7, 8, 9 10R3579, Municipality of Clarington.	

- B) That financing for the acquisition be provided from the current approved project budget; and
- C) That the Regional Chair and Clerk be authorized to execute all documents associated with the agreement.

Report:**1. Purpose**

- 1.1 The purpose of this report is to obtain approval for the acquisition of land at 2188 Bloor Street East, in the Municipality of Clarington (Clarington), being property identified as beneficial for the overall construction of Phase 2 of the Durham Regional Police Service (DRPS) Complex located in Clarington (Attachment #1).

2. Background

- 2.1 The Clarington Police Complex is comprised of two phases. Phase 1 included the preparation of a Master Plan, the purchase of approximately 10.93 hectares (27 acres) of land, site servicing and the construction and fit out of two buildings, namely the East Division Building (EDB) and the Forensics Investigation Facility (FIF) both of which opened for use in early 2016.
- 2.2 Phase 2 includes completing an update to the Master Plan, the acquisition of five acres of additional land, and the construction and fit out of two additional buildings, namely the Centre for Investigative Excellence (CfIE) and Regional Support Centre (RSC).
- 2.3 As part of Phase 2, approximately 2.02 additional hectares (5 acres) of land was acquired in 2018 increasing the site to 12.95 hectares (32 acres) in size.
- 2.4 In July 2019, the owners of 2188 Bloor Street posted their property as “for sale by owner.” The parcel is 1.94 hectares (4.788 acres) and is located immediately to the west of the recently acquired 2.02 hectare parcel. DRPS approached the Region to investigate any potential benefit to the site development and construction through the acquisition of this additional land.

3. Review of Impacts of Additional Land on the Overall Site Master Plan

- 3.1 The architect partnership awarded the contract for the design portion of the project, Parkin Architects Limited in joint venture with RPL Architects (Parkin/RPL) assessed the project incorporating the additional lands and provided the following evaluation of impacts:
- a. The development of the site could be located further from the existing north property line creating a larger buffer between the residential properties to the north and the DRPS complex; under the current master plan and without the

- additional property, parking facilities would be located directly south of the property lines, including large retaining walls necessary to address grade differences between the properties.
- b. Improved storm water management on site would be achieved with the addition of a storm water management pond and more natural areas to address surface flows; under the current master plan without the additional property, there is less flexibility in how storm water can be managed on the site.
 - c. The amount of fill required for import will be reduced by approximately one third, reducing site development costs including the use of retaining walls, and would allow for surface parking facilities as opposed to the construction of a parking structure currently reflected in the Master Plan.
 - d. The additional land would provide greater flexibility for the final building designs and locations on site and provide for future building expansion.
 - e. A larger site will provide for a less congested construction site which will result in less disruption to existing operations during construction and may create further efficiencies for the contractor which should result in savings to the overall tender bid.
- 3.2 The total project cost including the construction of a parking structure on the 32-acre site is comparable to the total estimated project cost with the acquisition of the additional 4.788 acres. The current Class “D” cost estimate for the site development and construction of the including the CfIE and the RSC is \$85.26 million.

4. Property Acquisition

- 4.1 The 1.94 hectare (4.788 acre) parcel is located immediately west of the lands currently owned by the Region for the development of the DRPS Clarington Complex. The property has been listed for sale by the owners for \$650,000. An internal appraisal was completed which supports this value.
- 4.2 Regional staff have completed negotiations to acquire the parcel at the current asking price, which has been reviewed by internal appraisal staff and deemed to be fair market value. Soils testing has been completed to the satisfaction of Regional staff. The negotiated offer is conditional on Regional Council’s approval.

5. Financial Implications

- 5.1 Project approval of \$60.0 million for this project was provided in the 2015 and 2016 Regional Police Services Budgets (G1405). An additional \$25.26 million is identified in the Durham Regional Police Service 2020-2029 Capital Forecast as required in 2021, for an updated total project cost of \$85.26 million. Subsequently, Regional staff will recommend to Regional Council the overall financing for this project, including the use of development charges, upfront financing and debenture financing.

6. Conclusion

- 6.1 The acquisition of land detailed in this report is recommended for the full build out of the Durham Regional Police Service Clarington Complex Phase 2.
- 6.2 The Commissioner of Finance has reviewed this report and concurs with the financial recommendation.
- 6.3 For additional information, please contact Jenni Demanuele, Director of Business Services, at 905-668-4113, extensions 3456.

7. Attachments

Attachment #1: Location Map – 2188 Bloor Street East, Clarington

Respectfully submitted,

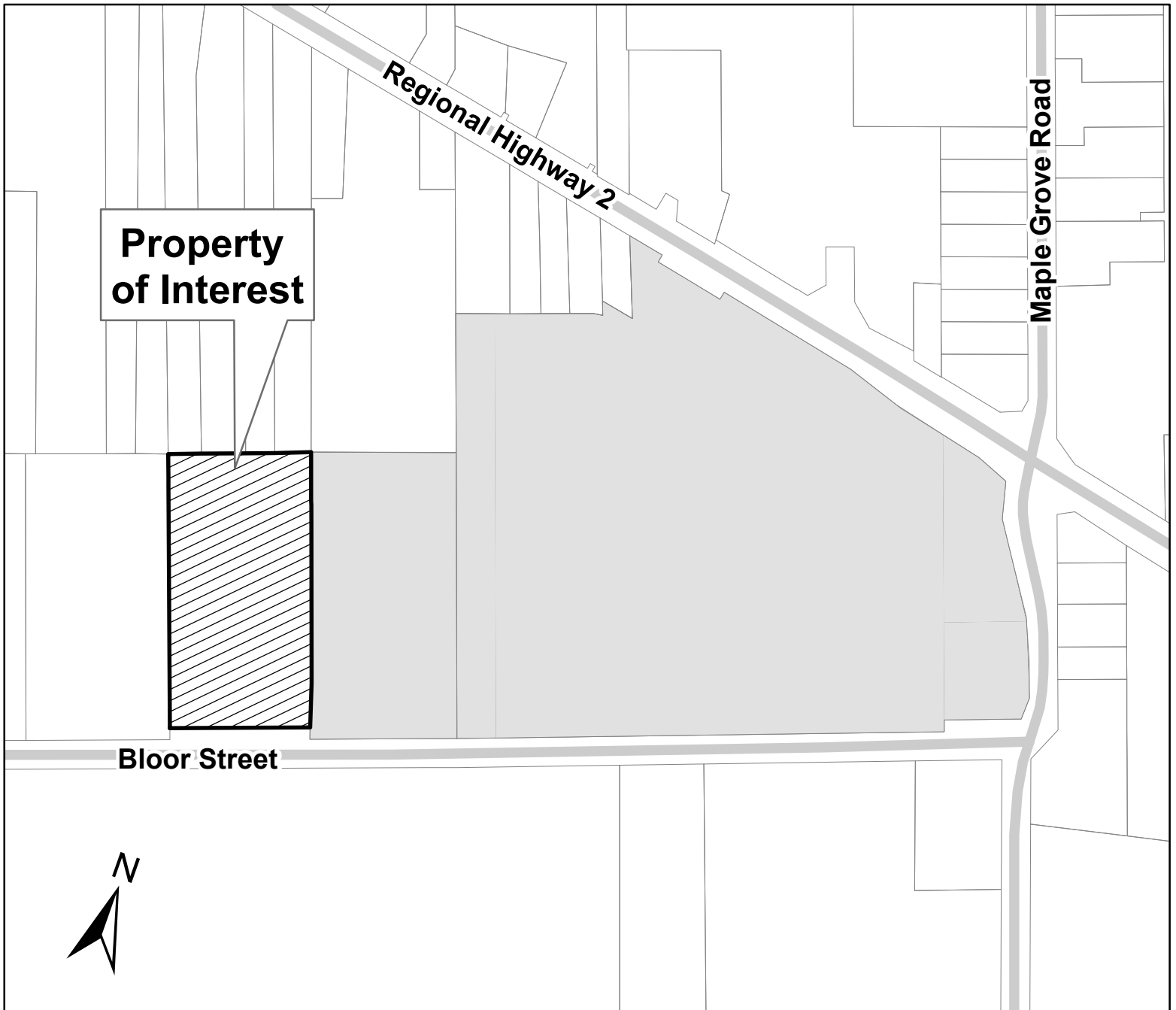
Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:



Elaine C. Baxter-Trahair
Chief Administrative Officer



Attachment #1: Location Map

**Property of Interest
2188 Bloor Street,
Municipality of Clarington**



-  Property of Interest-2188 Bloor Street
-  Region Police Service Complex



GIS Data: Produced by Durham Region, 2019.
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