
Public Works and Infrastructure Committee

Meeting No.	27	Contact	Candy Davidovits, Committee Administrator
Meeting Date	Tuesday, October 6, 2009	Phone	416-392-8032
Start Time	9:30 AM	E-mail	pwic@toronto.ca
Location	Committee Room 1, City Hall	Chair	Councillor Glenn De Baeremaeker

Public Works and Infrastructure Committee		
Councillor Glenn De Baeremaeker, Chair Councillor Gord Perks, Vice-Chair	Councillor Shelley Carroll Councillor Adam Giambrone	Councillor Chin Lee Councillor Cesar Palacio

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Declarations of Interest under the Municipal Conflict of Interest Act.**Confirmation of Minutes – September 14, 2009****Speakers/Presentations – A complete list will be distributed at the meeting****Communications/Reports**

PW27.1	Presentation			
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Toronto Receives 1st Place in the Ontario Water Works Association 2009 Water Taste Contest**Summary**

Tom Moulton, Past President of the Ontario Water Works Association (OWWA), to present the award to the City of Toronto on receiving first place in the 2009 Water Taste Contest.

(Deferred from September 14, 2009 - 2009.PW26.6)

PW27.2	ACTION			Ward: 1, 2, 3, 4, 5, 6, 7, 11, 12, 13, 17
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Snow Clearing Operations in the Etobicoke York District**Origin**

(April 24, 2009) Letter from Etobicoke York Community Council

Summary

The Etobicoke York Community Council on April 21, 2009, referred a motion by Councillor Palacio to the Public Works and Infrastructure Committee recommending that:

1. The General Manager, Transportation Services be directed to report to the September 14, 2009 meeting of the Public Works and Infrastructure Committee on the feasibility of the following recommendations to improve snow clearing operations in the Etobicoke-York District within existing resources:
 - a. the feasibility of streets with slopes over a minimum incline/grade level be prioritized at the level of arterial roads;
 - b. the feasibility of priority snow plowing on streets which have on-street parking or which are otherwise narrow, before any other district residential streets;
 - c. the feasibility of prohibiting overnight parking on all district streets with no on-street parking, to facilitate plowing;

- d. the feasibility of alternating parking continuing throughout the winter months to accommodate snow plowing on both sides of the street, possibly beginning with a pilot project in several Wards;
- e. the feasibility of laneway plowing the centre of laneways wide enough to accommodate existing small-scale plows;
- f. the current status of the Seniors Sidewalk Snow Removal Program, including current wait times, and how this program can be upgraded and improved to ensure that seniors have their sidewalks cleared within 12 hours of a major snowfall;
- g. the feasibility of opening Toronto Parking Authority parking lots, civic centre, community centre and TDSB/TCDSB parking lots following large snowfalls that disrupt on-street parking and block access to residents' driveways, to allow curb-to-curb snow plowing to take place; and
- h. the feasibility of high pedestrian traffic sidewalks and main streets being cleared within 12 hours of a major snowfall.

Background Information

PW27.2-Letter from Etobicoke York Community Council
<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23453.pdf>

PW27.3	Information			Ward: 29
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Emergency Repair to the Coxwell Sanitary Trunk Sewer - September 2009 Update

Origin

(September 21, 2009) Report from General Manager, Toronto Water

Summary

This report provides an update on the progress made in contingency planning and advancing the remedial work required to address the damaged section of the Coxwell Sanitary Trunk Sewer (the "CSTS"). Additional condition assessment monitoring has revealed no further deterioration of the damaged section of the CSTS.

Work undertaken to-date has determined that a permanent by-pass tunnel around the damaged section of the CSTS is the preferred option; and a preliminary design of the permanent by-pass has been completed. A design-build team is being selected through a two phase competitive procurement process.

Options for implementing a temporary by-pass, as well as options for in-situ repairs, have been assessed and determined not to be feasible due to technical limitations and implementation schedules similar to the construction of the permanent bypass.

Emergency measures to ensure public safety and to prevent wide spread flooding and sewer backup in the event the CSTS were to fail prior to the construction of the permanent by-pass have been implemented.

An estimated \$4.7 million has been spent to date for professional engineering and legal services associated with this emergency.

Background Information

PW27.3-Emergency Repair to the Coxwell Sanitary Trunk Sewer-September 2009 Update - Staff Report

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23800.pdf>)

PW27.4	ACTION			Ward: All
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Ontario Tire Stewardship and Ontario Electronic Stewardship Agreements

Origin

(September 21, 2009) Report from General Manager, Solid Waste Management Services

Recommendations

The General Manager, Solid Waste Management Services, recommends that:

1. City Council authorize and direct the General Manager, Solid Waste Management Services to negotiate and enter into Collector and Hauler agreements with Ontario Tire Stewardship, substantially on terms and conditions summarized in Appendix “A” and Appendix “B”, respectively, with such modifications considered to be in the interests of the City by the General Manager, and otherwise on terms and conditions satisfactory to the General Manager and in a form satisfactory to the City Solicitor, in order to receive funding through the Used Tires Program Plan established by Ontario Tire Stewardship under the Waste Diversion Act.
2. City Council authorize and direct the General Manager, Solid Waste Management Services to negotiate and enter into a Collection Site Operator Agreement with Ontario Electronic Stewardship, substantially on terms and conditions summarized in Appendix “C”, with such modifications considered to be in the interests of the City by the General Manager, and otherwise on terms and conditions satisfactory to the General Manager and in a form satisfactory to the City Solicitor, in order to receive funding through the Waste Electrical and Electronic Equipment (WEEE) Program Plan established by Ontario Electronic Stewardship under the Waste Diversion Act.
3. City Council grant the General Manager, Solid Waste Management Services, the standing authority to negotiate and execute any future amendments to the agreements described in Recommendations (1) and (2) as appropriate, and within the provincially approved model of 100% industry cost recovery, on terms and conditions satisfactory to the General Manager and in a form satisfactory to the City Solicitor.

4. City Council adopt the exemption to the tire tipping fee of \$150 per tonne applied at the City's transfer stations, as set out in Appendix "A" of Schedule 1 of Toronto Municipal Code Chapter 441, Fees and Charges, for tire loads less than or equal to 100 kilograms.

Summary

The purpose of this report is to request City Council authority for the City of Toronto to enter into agreements with Ontario Tire Stewardship (OTS) as a Collector and Hauler of used tires and with Ontario Electronic Stewardship (OES) as a Collector of Waste Electrical and Electronic Equipment (WEEE). The report also recommends that the General Manager have standing authority to enter into any amending agreements with OTS and OES as may become necessary. Finally, the report requests an exemption to the tire tipping fee (\$150.00 per tonne) at the City's transfer stations for used tire loads less than or equal to 100 kilograms (10 used tires).

Financial Impact

OntarioTires Stewardship

Under the Ontario Tire Stewardship (OTS) program, registered Collectors can no longer charge a fee for used tires for loads of 4 or less; registered Haulers can no longer charge a fee for hauling used tires; and Processors can no longer charge fees for processing used tires. The program is expected to be cost neutral for the City, as the costs of handling tires at transfer stations are offset by tipping fees and OTS funding.

Tipping Fee and OTS Revenues

In 2008, the City collected 770 tonnes of non-City generated used tires. The City collected fees on only 62.5% of the incoming used tires at \$150.00 per tonne. The remaining tires were received under the existing free tire disposal limit of 40 kg.

In 2010, Solid Waste Management staff expect less used tires collected at the transfer stations because the OTS program will offer consumers many other free disposal options. Furthermore, with the proposed amended free tire disposal limit set at 100 kg (10 used tires), it is expected that an even smaller percentage of used tires would be subject to tipping fees.

Based on the number of used tires collected at the transfer stations since the OTS program began in September 2009, staff estimate the City will collect approximately 400 tonnes of used tires in 2010. Based on the proposed amended free disposal limit, approximately 50% of used tires or 200 tonnes will generate \$30,000.00 in tipping fee revenues at the proposed rate of \$150.00 per tonne. However, the OTS program provides the City with revenue for each used tire collected at a rate of \$88.00 per tonne. This amounts to an additional \$35,200.00 for 400 tonnes in 2010.

The OTS Program will also provide the City with used tire hauler funding based on \$1.70 per tonne/kilometre. The weighted average distance from our transfer stations to the processor is 12.19 km. Therefore, the hauler funding will add another \$8,289.00 for approximately 400 tonnes in 2010.

Processor Fees

In 2010, registered Processors can no longer charge the City processing fees for receiving used tires. Therefore, processing fees would be \$0. In 2008 the City paid \$68.13 per tonne for tire processing. The City would realize a savings of \$27,252.00 on 400 tonnes in 2010.

Table 1 below provides a breakdown of the total revenues as a result of the tipping fees and OTS funding.

Table 1: Used Tires Total Net Revenues

Used tire tipping fee revenue	\$30,000.00
Savings on Processor Fees	\$27,252.00
<u>OTS Funding</u>	
2010 Collector Subsidies (\$88.00 per tonne for PLT)	\$35,200.00
2010 Hauler Subsidies (\$1.70 per tonne/kilometre)	\$ 8,289.00
Subtotal OTS Funding	\$43,489.00
Total Net Revenue for Used Tires	\$100,741.00

Ontario Electronic Stewardship

Since the Ontario Electronic Stewardship (OES) Program Plan began in April 2010 the City has collected 328 tonnes of various Waste Electrical and Electronic Equipment (WEEE) from the following programs:

1. Environment Days
2. E-Waste Depots
3. Cherry Street Reuse (Recycling) Centre

The OES Program offers collectors funding set at \$165.00 per tonne. Thus, the City has accrued \$54,120.00 for the above mentioned period. Staff projects that the City's current collection programs will manage an additional 400 tonnes of WEEE by December 31, 2009, which would generate an additional \$66,000.00 in revenue in 2009. In 2010, approximately 940 tonnes of WEEE will be collected under the current programs which will generate \$155,000.00 of OES funding.

OTS and OES combined funding will provide the City with \$218,241.00 to offset the City's diversion program costs.

The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Background Information

PW27.4-Ontario Tire Stewardship and Ontario Electronic Stewardship Agreements - Staff Report

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23802.pdf>)

PW27.4-Appendix A - Summary of Key Terms in Draft Collector Agreement with Ontario Tire Stewardship

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23803.pdf>)

PW27.4-Appendix B - Summary of Key Terms in Draft Haulage Agreement with Ontario Tire Stewardship

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23804.pdf>)

PW27.4-Appendix C - Summary of Key Terms in Draft Collection Site Operator Agreement with Ontario Electronics Stewardship

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23805.pdf>)

PW27.5	ACTION			Ward: All
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Request for Quotation No. 6033-09-3077 for Waste Transportation/Haulage Services from the City of Toronto Transfer Stations to the Green Lane Landfill Site

Origin

(September 28, 2009) Report from General Manager, Solid Waste Management Services, and the Director, Purchasing and Materials Management

Recommendations

The General Manager, Solid Waste Management Services, and the Director of Purchasing and Materials Management, recommend that:

1. City Council authorize the General Manager of Solid Waste Management Services to enter into a contract for Waste Transportation/Haulage Services (Request for Quotation No. 6033-09-3077) from the City of Toronto's Transfer Stations to the Green Lane Landfill, for a period of seven (7) years beginning January 1, 2011, with three (3) additional one year options, in accordance with all specifications and terms and conditions set out in the Request for Quotation with the lowest bidder Verspeeten Cartage Ltd., having submitted the lowest bid meeting specifications, in the total estimated amount of \$132,007,621.79 including an allowance for a Fuel Surcharge, net of G.S.T.

Summary

This report requests authority to award Request for Quotation No. 6033-09-3077 for Waste Transportation/Haulage Services from the City of Toronto's Transfer Stations to the Green Lane Landfill Site, for seven (7) years, with three additional one (1) year options to Verspeeten Cartage Ltd., the lowest bidder meeting all specifications and requirements.

This report also summarizes the material objection received from ECL Carriers GP Inc., a bidder that submitted a bid which was declared non-compliant.

Financial Impact

The total potential contract award identified in this report is \$138,608,002.88 including all applicable taxes and charges and an allowance for a Fuel Surcharge. The total potential cost to the City net of G.S.T. is \$132,007,621.79.

Request for Quotation No. 6033-09-3077, requested bids based on estimated annual tonnage for a seven (7) year contract, with three (3) additional extensions of one year each at the sole options of the City. The value of the work for ten (10) years is:

Year	Annual Tonnage	Annual Loads	Total General Transport Fee ^{1, 3} (net of GST)	Allowance for Fuel Surcharge ^{1, 2, 3} (net of GST)	Total Cost (net of GST)
2011	620,541	16,636	\$11,300,506.18	\$2,260,101.24	\$13,560,607.42
2012	622,604	16,692	\$11,564,855.57	\$2,312,971.11	\$13,877,826.68
2013	623,791	16,724	\$11,818,642.15	\$2,363,728.43	\$14,182,370.58
2014	549,978	14,745	\$10,628,548.72	\$2,125,709.74	\$12,754,258.46
2015	551,164	14,777	\$10,864,498.03	\$2,172,899.61	\$13,037,397.64
2016	512,351	13,736	\$10,301,407.85	\$2,060,281.57	\$12,361,689.42
2017	513,434	13,765	\$10,529,646.47	\$2,105,929.29	\$12,635,575.76
Subtotal Initial 7 YearTerm	3,993,863	107,075	\$77,008,104.97	\$15,401,620.99	\$92,409,725.96
2018	514,434	13,792	\$10,761,157.85	\$2,152,231.57	\$12,913,389.42
2019	515,433	13,819	\$10,997,696.48	\$2,199,539.30	\$13,197,235.78
2020	516,432	13,845	\$11,239,392.19	\$2,247,878.44	\$13,487,270.63
Total	5,540,162	148,531	\$110,006,351.49	\$22,001,270.30	\$132,007,621.79

¹ The above costs reflect a 2% increase in the Consumer Price Index for the years 2012 through 2020.

² The Contract contains a Fuel Adjustment Formula. The Fuel adjustment formula allows an equal start point from which all potential bidders may apply fuel related costs. In this manner all bidders are protected from dramatic fluctuations in the event of future fuel related cost escalation. A Fuel Surcharge Fee will be added to, or subtracted from, the General Transport Price to allow for fluctuations in diesel fuel price through to 2020. When the Ontario Ministry of Energy and Infrastructure, Southern Ontario average weekly published prices for diesel equals \$0.86/litre the Fuel Adjustment Formula will equal zero (\$0.00).

Fuel Adjustment Formula:

(Travel Distance/Fuel Consumption rate x Adjusted Fuel Rate) - (Travel Distance/Fuel Consumption rate x \$0.80/litre)

= Change to Price/Load

³ The G.S.T. and/or the proposed H.S.T. of 13% is applicable to the above amounts.

The Solid Waste Management Services will budget for the appropriate amounts in the Operating Budget in each corresponding year. This will be charged to Cost Centre SW0902 (Green Lane – Net Disposal Savings), Cost Element 4416 (Transfer Haulage). The 2009 approved Operating Budget for Solid Waste Management Services includes \$31.46 million for total haulage and transportation costs to Green lane and the Michigan landfill. This new contract with the recommended bidder represents an estimated savings for the haulage component in 2011 of \$17.90 million or 56.9%.

The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Background Information

PW27.5-Request for Quotation No. 6033-09-3077 for Waste Transportation/Haulage Services - Staff Report
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23806.pdf>)

PW27.6	ACTION			Ward: 30
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Proposed Community Garden at 780 Dundas Street East**Origin**

(August 31, 2009) Letter from Councillor Paula Fletcher, Ward 30 - Toronto-Danforth

Summary

Councillor Paula Fletcher requesting that Toronto Water support the development and use of the site at 780 Dundas Street East as a community garden and that this project be considered in the 2010 Capital Budget.

Background Information

PW27.6-Letter from Councillor Paula Fletcher
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23810.pdf>)

PW27.7	ACTION			Ward: 35, 36, 37, 38, 39, 40, 41, 42, 43, 44
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Harmonizing Bicycle Issues

Origin

(September 22, 2009) Letter from Scarborough Community Council

Recommendations

The Scarborough Community Council recommended to the Public Works and Infrastructure Committee that:

1. Transportation Services be directed to report to Public Works and Infrastructure Committee on harmonizing the fines and the other issues relating to bicycle safety.

Summary

The Scarborough Community Council on September 15, 2009, considered a letter (September 3, 2009) from Councillor Michael Del Grande regarding the different by-laws and fines related to bicycle issues and forwarded its recommendation to the Public Works and Infrastructure Committee.

Background Information

PW27.7-Letter from Scarborough Community Council
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23811.pdf>)

PW27.7-Attachment Letter from Councillor Mike Del Grande
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23812.pdf>)

PW27.8	ACTION			Ward: 4, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44
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Toronto Bike Plan Update

Origin

(September 22, 2009) Letter from Toronto Cycling Advisory Committee

Recommendations

The Toronto Cycling Advisory Committee recommended to the Public Works and Infrastructure Committee:

1. The Director, Transportation Infrastructure Management, Transportation Services Division, be requested to report to the Toronto Cycling Advisory Committee at its meeting on October 29, 2009 on:
 - a. the Bloor Street/Danforth Avenue RFP Proposal, including:

- i. the guidelines which will be submitted in preparing the RFP for the bike lane installation within the Yorkville area;
 - ii. ensuring the guidelines for the RFP includes a full summary of all previous studies and recommendations made therein; and
 - iii. once the consultant has been hired, arranging for a public presentation by the consultant at a future meeting of the Toronto Cycling Advisory Committee;
 - b. the interim measures that can be implemented to improve cycling safety and efficiency on Bloor Street/Danforth Avenue including the installation of sharrows on the viaduct and the state of good repair; and
 - c. the planned list of installation of sharrows and/or equal safety measure improvements for all intersections and conflict zones, such planned list to also include an explanation and the criteria used for the establishment of the standards for the draft design guidelines of the sharrows.
2. The General Manager, Transportation Services Division, be requested to report to the Public Works and Infrastructure Committee on:
- a. a list of projects to address the state of good repairs on the entire bikeway system by identifying priority projects for the 2010 Capital Budget submission;
 - b. the feasibility of amending the appropriate City by-laws to increase fines and enforcement for no stopping or parking infractions in bike lanes; and
 - c. the feasibility of re-visiting the Roncesvalles Avenue project in order to include bike lanes as part of the final streetscape design.

Summary

The Toronto Cycling Advisory Committee on September 21, 2009 heard a verbal update, regarding the Toronto Bike Plan, from the Senior Engineer, Pedestrian and Cycling Infrastructure, Transportation Services Division, and forwarded its recommendations to the Public Works and Infrastructure Committee.

Background Information

PW27.8-Letter from Toronto Cycling Advisory Committee
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23813.pdf>)

PW27.9	ACTION			
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Motorized Bicycles on Sidewalks

Origin

(September 25, 2009) Letter from Toronto Pedestrian Committee

Recommendations

The Toronto Pedestrian Committee recommended to the Public Works and Infrastructure Committee that:

1. The General Manager, Transportation Services, in consultation with the City Solicitor, be requested to report to the Public Works and Infrastructure Committee on prohibiting the parking of power-assisted bicycles (e-bikes) on City sidewalks.
2. The General Manager, Transportation Services, include this further request as part of the report requested by the Public Works and Infrastructure Committee on June 3, 2009. (Item PW25.18)

Summary

The Toronto Pedestrian Committee on September 22, 2009, heard a presentation from Sergeant Timothy Burrows, Toronto Police Services, Traffic Services, in response to questions asked by the Toronto Pedestrian Committee on May 19, 2009, and by Jennifer Niece.

Background Information

PW27.9-Letter from Toronto Pedestrian Committee

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23814.pdf>)

PW27.9-Copy of Submission filed by Sergeant Burrows to the Toronto Pedestrian Committee

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23823.pdf>)

PW27.10	ACTION			
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Changes to the Official Ministry of Transportation of Ontario Driver's Handbook

Origin

(September 25, 2009) Letter from Toronto Pedestrian Committee

Recommendations

The Toronto Pedestrian Committee recommended to the Public Works and Infrastructure Committee:

1. The General Manager, Transportation Services, be requested to review the Official Ministry of Transportation of Ontario Driver's Handbook and recommend changes to the Handbook, for consideration by the Government of Ontario, that would better

educate drivers on sharing the road with cyclists, pedestrians, and public transit vehicles with an eye towards a safer and more inclusive road environment for all users.

2. The General Manager, Transportation Services, be requested to develop recommendations, for consideration by the Government of Ontario, to improve the ongoing training of Driving Instructors on sharing the road with cyclists, pedestrians and public transit vehicles with an eye towards a safer and more inclusive road environment for all users.

Summary

The Toronto Pedestrian Committee on September 22, 2009, considered a communication (August 6, 2009) from Councillor Joe Mihevc, requesting that the Committee request staff to review the Driver's Education Manual and suggest changes to the Province that would better educate drivers on sharing the road with cyclists, pedestrians, and public transit vehicles with an eye towards a safer and more inclusive road environment for all users.

Background Information

PW27.10-Letter from Toronto Pedestrian Committee
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23815.pdf>)

PW27.10-Attachment Letter from Councillor Joe Mihevc
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-23816.pdf>)