
Public Works and Infrastructure Committee

Meeting No.	24	Contact	Candy Davidovits, Committee Administrator
Meeting Date	Tuesday, May 5, 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 Shelley Carroll	Councillor Chin Lee
Councillor Gord Perks, Vice-Chair	Councillor Adam Giambrone	Councillor Cesar Palacio

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Declarations of Interest under the Municipal Conflict of Interest Act.**Confirmation of Minutes – April 8, 2009****Speakers/Presentations – A complete list will be distributed at the meeting****Communications/Reports****(Deferred from April 8, 2009 - 2009.PW23.1)**

PW24.1	Presentation			
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City of Toronto Receives the Canadian Motorcycle Association Government Award**Origin**

(January 28, 2009) Letter from Chief Executive Officer, Canadian Motorcycle Association

Summary

The Canadian Motorcycle Association (CMA) advising that the Board of Directors has awarded the first CMA Government Award to the City of Toronto in recognition of the enactment of a free parking for motorcycles policy in 2005 and requesting an opportunity to present the award.

Background Information

Letter from Canadian Motorcycle Association

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20479.pdf>)

CMA Awards Nomination Information

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20480.pdf>)

PW24.2	Presentation	10:00 AM		
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Don Watershed Watercourse Identification Signs**Origin**

(April 15, 2009) Briefing Note from Don Watershed Regeneration Council

Summary

The Don Watershed Regeneration Council requested an opportunity to give a presentation on a recent project undertaken in the Don watershed to erect watercourse identification signs along roadways as they cross over the Don River tributaries.

Background Information

Don Watershed Pilot Project-Briefing Note

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20744.pdf>)

PW24.3	ACTION			
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Site Plan Agreements with the Regional Municipality of York and the Town of Markham for the Milliken Reservoir and Pumping Station Expansion

Origin

(April 16, 2009) Report from Executive Director, Technical Services

Recommendations

The Executive Director of Technical Services recommends that:

1. Authority be granted to enter into site plan agreements with the Regional Municipality of York and the Town of Markham, as well as any other agreements that may be required for development of the Milliken Pumping Station and Reservoir Expansion, on terms and conditions satisfactory to the Executive Director, Technical Services, and the General Manager, Toronto Water, and to provide any security deposits that may be required by The Regional Municipality of York and the Town of Markham in order to obtain site plan approval for this development.

Summary

This report seeks authority for the City to enter into site plan agreements with the Regional Municipality of York and the Town of Markham, as well as any other agreements that may be required for development of the Milliken Pumping Station and Reservoir Expansion.

Financial Impact

All costs associated with the site plan applications and any other security deposits that might be required are in the approved 2009 Toronto Water Capital Budget CPW029 - Milliken Pumping Station and Reservoir Expansion.

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

Background Information

Site Plan Agreements with the Regional Municipality of York and the Town of Markham-Staff Report

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20500.pdf>)

PW24.4	Information			Ward: 3, 5, 6, 10, 13, 14, 15, 17, 18, 20, 22, 23, 24, 28, 33, 38
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Municipal Hazardous or Special Waste (MHSW) and Waste Electrical and Electronic Equipment (WEEE) Collection Pilot in Multi-Unit Buildings

Origin

(April 20, 2009) Report from General Manager, Solid Waste Management Services

Summary

The purpose of this report is to provide Public Works and Infrastructure Committee members with an overview of the details of the Municipal Hazardous or Special Waste (MHSW) and Waste Electrical and Electronic Equipment (WEEE) Collection Pilot in Multi-Unit Buildings. Eighteen (18) building locations have been selected from across the City to participate in the pilot in 2009.

Financial Impact

Waste Diversion Ontario industry funded waste diversion programs for MHSW and WEEE have been approved by the Provincial Minister of the Environment. Under these programs, affected industry stewards are financially and operationally responsible for recycling the materials, therefore paying a significant portion of the cost to municipalities to collect and process the material.

Waste Electrical and Electronic Equipment:

Ontario Electronic Stewardship (OES) is the Industry Funding Organization that oversees the stewardship program for WEEE. Starting April 1, 2009 the City of Toronto, and other Ontario municipalities, will receive funding from OES for phase 1 materials. Approximately 80% of WEEE currently collected by the City is covered within Phase 1. Funding for the remaining Phase 2 materials will begin in spring 2010.

Under this stewardship program, the City does not pay for processing costs to manage the materials covered under the program. In addition, the City will receive \$165 per tonne to cover the cost of collecting, sorting and preparing the material for transport. It is anticipated that approximately 135 tonnes of WEEE will be collected as part of this pilot.

For the WEEE portion of the pilot, collection costs are estimated to be \$32,000 and processing costs are estimated to be \$19,000 (based on collecting 135 tonnes of WEEE), resulting in a gross cost to the City of \$51,000. Industry responsibility and funding will offset this amount by \$33,000, resulting in a net cost to the City of \$18,000, which has been incorporated within the approved 2009 Solid Waste Management Services Operating Budget (as outlined in Table 1).

Municipal Hazardous or Special Waste:

Stewardship Ontario is the Industry Funding Organization that oversees the stewardship program for MHSW. As of July 1, 2008, Toronto began receiving 100% funding from Stewardship Ontario for post-collection costs of phase 1 materials. Approximately 50% of the

total MHSW stream is covered within Phase 1. It is anticipated that approximately 86,000 kg of MHSW will be collected as part of this pilot.

For the MHSW portion of the pilot, collection costs are estimated to be \$49,000 and processing costs are estimated to be \$ 76,000 (based on collecting 86,000 kg of MHSW), resulting in a net cost to the City of \$125,000. Industry responsibility and funding will offset this amount by \$38,000, resulting in a net cost to the City of \$87,000 which has been incorporated within the approved 2009 Solid Waste Management Services Operating Budget (as outlined in Table 1).

As mentioned above, the cost of the pilot project for 2009 has been approved as part of the 2009 Operating Budget for Solid Waste Management Services.

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

Background Information

Municipal Hazardous or Special Waste (MHSW) and Waste Electrical and Electronic Equipment (WEEE)-Staff Report

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20512.pdf>

Appendix A - MHSW and WEEE Pilot in Multi-Unit Buildings

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20513.pdf>

PW24.5	ACTION	10:15 AM		Ward: 14
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Roncesvalles Avenue Streetscape Improvements - Class Environmental Assessment Study

Origin

(April 20, 2009) Report from General Manager, Transportation Services

Recommendations

The General Manager, Transportation Services, recommends that:

1. Authority be granted to the General Manager of Transportation Services to issue a Notice of Study Completion and to file the Project File for the Roncesvalles Avenue Streetscape Improvements Class Environmental Assessment Study in the public record for 30 days in accordance with the requirements of the Municipal Class Environmental Assessment.
2. The appropriate City officials be authorized and directed to take the necessary action to give effect thereto.

Summary

A Class Environmental Assessment Study was undertaken to address opportunities for improvements to the public realm in conjunction with water and combined sewer upgrades and a reconstruction of streetcar tracks on Roncesvalles Avenue between Queen Street West and Dundas Street West. The potential improvements were developed under the guidance of the

Roncesvalles Village Streetscape Strategy, prepared by the Roncesvalles Village Business Improvement Area (BIA). The evaluation of a reasonable range of alternative solutions, which included consultation with the public and review agencies, resulted in the following Recommended Design:

- The removal of one travel lane in each direction, to provide one 4.3 metre traffic lane and a 2.0 metre parking lay-by on both sides of Roncesvalles Avenue;
- The provision of transit platforms as an extension of the sidewalk to allow level boarding to new TTC transit vehicles; and
- The widening of the boulevard in certain areas to increase public space and reduce crossing distances.

A Notice of Study Completion must now be issued and the Project File placed in the public record for a 30-day review period in accordance with the requirements of the Municipal Class Environmental Assessment.

Financial Impact

The estimated cost of the road modifications required to narrow Roncesvalles Avenue is \$1.95 million. This work is to be undertaken in 2010 in conjunction with the Toronto Transit Commission's reconstruction of the streetcar tracks on Roncesvalles Avenue.

Some cost sharing will occur with the Toronto Transit Commission, Toronto Water, and potentially the Roncesvalles Village BIA. The General Manager, Transportation Services will report on the total project costs, required cash flows, and any other financial implications as part of the 2010 Capital Budget Submission.

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

Background Information

Roncesvalles Avenue Streetscape Improvements Class Environmental Assessment Study-Staff Report

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20523.pdf>

Appendix 1 - Figure 1-1 - Study Area Map

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20527.pdf>

Appendix 1 - Figure 1-2 - Roncesvalles Avenue Level of Service

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20528.pdf>

Appendix 1 - Figure 1-3 - On-Street Parking Impacts and Peak Demands

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20529.pdf>

Appendix 2 - Figures 2-1 to 2-4 - Alternative Solutions

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20530.pdf>

Appendix 2 - Figure 2-5 - Evaluation of Alternative Solutions

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20531.pdf>

Appendix 3 - Figure 3-1 - Concept 1

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20532.pdf>

Appendix 3 - Figure 3-2 - Concept 2

<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20533.pdf>

Appendix 3 - Figure 3-3 - Concept 3

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20534.pdf>)

Appendix 3 - Figure 3-4 - Evaluation Table of Concepts

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20535.pdf>)

Appendix 5 - Example of Transit Platform Used in Portland, Oregon

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20536.pdf>)

PW24.6	ACTION			Ward: All
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The Toronto Walking Strategy

Origin

(April 20, 2009) Report from General Manager, Transportation Services

Recommendations

The General Manager, Transportation Services, recommends that:

1. City Council adopt, in principle, the Toronto Walking Strategy actions contained in Appendix 1 to this report as an integrated approach for making Toronto a great walking city.
2. City Council direct the General Manager, Transportation Services, to establish an inter-divisional Walking Strategy Team to be fully responsible for implementing the Walking Strategy actions, with representation by the following City divisions and agencies: City Planning; Public Health; Parks; Forestry and Recreation; Toronto Transit Commission; Economic Development, Culture and Tourism; Municipal Licensing and Standards; Toronto Parking Authority; Toronto Region Conservation Authority; Toronto Police Service; and Toronto Hydro.
3. City Council direct the General Manager, Transportation Services, in consultation with the inter-divisional Walking Strategy Team, to develop a detailed multi-year work plan to implement the actions recommended as part of the Toronto Walking Strategy, and report back to Council on short-term priorities as part of the 2010 budget review process.
4. City Council direct the General Manager, Transportation Services, to produce annual Walking Strategy progress reports to document achievements and identify future priorities.
5. City Council direct the General Manager, Transportation Services, to undertake the following Toronto Walking Strategy new actions to begin implementation of the Toronto Walking Strategy immediately:
 - a. organize an annual Walking / Public Realm Forum, beginning in the Fall 2009, to engage City staff and Council, external stakeholders and Toronto residents in an ongoing dialogue about actions to make Toronto a great walking city;

- b. launch a high-profile communications and engagement strategy to support the City's public realm initiatives and to encourage all Torontonians to walk as a part of everyday life;
 - c. develop a program for creating walking routes and neighbourhood walking maps to encourage residents and visitors to get out and explore the city on foot, starting with 5 new featured routes by 2010;
 - d. develop pilot projects to install and evaluate different measures and design options to improve the pedestrian environment including: the relocation of bicycle parking racks from narrow sidewalks/boulevards to alternative locations, and implement 10 locations in 2009 and 2010; and the introduction of “No Right Turn on Red” restrictions at strategic intersections beginning with 10 locations in 2010;
 - e. work with Ryerson University and the University of Toronto to design and implement two pedestrian street projects by 2010; and
 - f. develop and implement two public realm improvement plans per year in Tower Renewal and Priority Neighbourhoods, beginning in 2010, to create more walkable communities.
6. The appropriate City officials be authorized and directed to take the necessary action to give effect thereto.

Summary

The purpose of this staff report is to present the accompanying report, the Toronto Walking Strategy, which contains 46 actions for making Toronto a great walking city. The aim of the Walking Strategy is to build a physical and cultural environment that supports and encourages walking, including vibrant streets, parks, public squares and neighbourhoods where people will choose to walk more often. By envisioning a city where high-quality walking environments are seamlessly integrated with public transit, cycling and other sustainable modes of travel, the Strategy sets out a plan that will produce tangible environmental, health and social benefits for residents and visitors to Toronto.

Implementing the Toronto Walking Strategy will require ongoing coordination between several City Divisions and Agencies. The Public Realm Section within the Transportation Services Division will lead an inter-divisional Walking Strategy Team to coordinate and monitor implementation of the Walking Strategy. The Team will produce annual Walking Strategy progress reports that will identify both progress made and resources required to implement Walking Strategy projects, to be considered during the annual budget review process. This report recommends six “New Steps” for implementing the Walking Strategy, focussing on some of the immediate new priorities.

Financial Impact

Most of the actions recommended by the Walking Strategy can be implemented within existing capital and operating budgets and divisional programs and processes. However, some actions need to be further developed and assessed in terms of their financial impact and funding

requirements. These financial impacts, including the identification of any potential funding partnerships, will be addressed in any future reports required for the approval of these specific actions.

Implementing the Toronto Walking Strategy will require ongoing coordination between several City Divisions and Agencies. The General Manager, Transportation Services will produce annual Walking Strategy progress reports that will identify resources required to implement Walking Strategy projects, to be considered during the annual budget review process.

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

Background Information

The Toronto Walking Strategy-Staff Report

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20700.pdf>)

PW24.7	ACTION			Ward: All
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City of Toronto/Toronto Transit Commission Streetcar and Light Rail Track Construction and Maintenance Agreement

Origin

(April 17, 2009) Report from Deputy City Manager Richard Butts

Recommendations

The Deputy City Manager recommends that:

1. Authorization be granted to enter into an agreement with the Toronto Transit Commission with respect to construction and maintenance responsibilities for streetcar and light rail tracks and right-of-ways within the City's public highways, generally in accordance with the terms and conditions contained in the draft agreement attached to this report.
2. This report be referred to the Toronto Transit Commission for information.
3. The appropriate City and Toronto Transit Officials be authorized and directed to take the necessary action to give effect thereto.

Summary

This report seeks City Council approval to update and replace previous pre-amalgamation agreements respecting streetcar/light rail track construction and maintenance responsibilities that existed between the TTC, the former Metropolitan Corporation and the former cities of Toronto and Etobicoke prior to January 1, 1998 with a new agreement in the form appended to this report.

The new agreement will help to clarify roles and formalize the division of TTC and City responsibilities from both a funding and an operational perspective. This will ensure that many outstanding issues are better aligned with the current needs and practices.

Financial Impact

There are no direct financial implications resulting from the adoption of this report, significantly in excess of current cost responsibilities.

Background Information

City of Toronto/TTC Streetcar and Light Rail Track Construction and Maintenance Agreement-Staff Report

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20556.pdf>)

Attachment - Draft City of Toronto/Toronto Transit Commission Agreement

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20557.pdf>)

PW24.8	Information			Ward: All
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Toronto Water's Construction Signage

Origin

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

Summary

Construction signage in the City of Toronto is implemented through Project Sign Guidelines developed by Strategic Communications. Toronto Water uses these guidelines to design signage for capital projects longer than two weeks. The current guidelines provide all City divisions with a City of Toronto sign template and instructions to include construction information related to the timing of work, the kind of work being completed and the purpose of the improvement. In addition to the construction information, a City of Toronto message, “we’re under construction to serve you better”, is included on all templates.

Financial Impact

There are no financial implications arising from this report.

Background Information

Toronto Water's Construction Signage-Staff Report

(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20537.pdf>)

PW24.9	ACTION			Ward: All
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Supply Shortage of Iron Salts for Wastewater Treatment

Origin

(April 21, 2009) Report from General Manager, Toronto Water, and the Acting Director, Purchasing and Materials Management

Recommendations

The General Manager of Toronto Water, and the Acting Director of Purchasing and Materials Management, recommend that:

1. City Council authorize the General Manager, Toronto Water, to procure the supply of alternate chemicals, services and related equipment required for the removal of phosphorus from sewage at all four wastewater treatment plants, either on a sole source basis or by such other means of procurement, in consultation with the Director of Purchasing and Materials Management, in such a manner and on such terms and conditions as he considers appropriate; until such time as either the industry supply of iron salts has returned to sustainable levels, or the expiration of the existing iron salts supply contract (December 31, 2010).
2. Should the existing contract for supply of iron salts expire or should the supplier no longer be able to provide the contracted chemicals, then any unspent funds may be utilized to fund sole source purchases as per Recommendation 1.
3. Subject to the adoption of Recommendation 1, the General Manager, Toronto Water be authorized to execute one or more contracts and/or agreements on terms and conditions satisfactory to him and in a form satisfactory to the City Solicitor, including any such contracts and/or agreements whose value may exceed \$500,000.
4. Staff report to Public Works and Infrastructure Committee in the Fall of 2009 regarding the number and value of contacts entered into for alternative chemicals, services and related equipment.

Summary

The purpose of this report is to seek delegated authority for the General Manager, Toronto Water to procure on a sole source basis the supply of alternate chemicals, services and specialized equipment, if necessary, used to remove phosphorus at the City's four wastewater treatment plants. The City has been using iron salts for many years as a method to treat sewage received at the plants in accordance with the Certificates of Approval as issued by the Ministry of the Environment.

Iron salts are a by-product of the steel manufacturing process and are used by municipal wastewater treatment plants across North America to remove phosphorus. Phosphorus is a nutrient that if not controlled, can lead to a significant increase in algae growth within water bodies. With a significant slowdown in the North American steel industry, there has been a sudden shortage of iron salts in the market. This chemical is expected to remain in short supply until a number of North American steel mills resume production. Alternate chemicals are more costly but are required as part of the wastewater treatment process to maintain regulatory compliance.

Financial Impact

The financial implications of this report will depend on the terms of new contract(s) for the supply of alternate manufactured chemicals and any other services or equipment necessary in order to control phosphorous levels discharged from Toronto's wastewater plants. Furthermore, financial implications will depend on the time required for the steel industry

to recover from the current economic slowdown and commence generating the quantities of iron salts by-product necessary to supply the wastewater treatment industry. It is expected that some of the alternate manufactured products may cost more than twice the unit rate of the iron salts currently purchased by Toronto Water. As a result, the extra cost could amount to between \$1.5 million to \$2.5 million per year on Toronto Water's existing budget for iron salts.

If additional funds over and above the approved amounts for iron salts are required to procure alternate chemicals, this can be accommodated from the 2009 Toronto Water operating budget in Cost Centre WW100 (Wastewater Treatment) and will be made available in the 2010 Toronto Water Operating Budget under the same account.

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

Background Information

Supply Shortage of Iron Salts for Wastewater Treatment-Staff Report
<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20590.pdf>

PW24.10	ACTION			Ward: All
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Toronto Water Land Acquisition for Source Water Protection - Status Report and Updated Property Acquisition List

Confidential Attachment - A proposed or pending acquisition or sale of land for municipal or local board purposes

Origin

(April 20, 2009) Report from General Manager, Toronto Water, and Chief Administrative Officer, Toronto and Region Conservation Authority

Recommendations

The General Manager, Toronto Water, and the Chief Administrative Officer, Toronto Region Conservation Authority, recommend that:

1. City Council authorize the use of funds available in the approved Toronto Water 2009 Capital Budget under WBS Element CWW473-01 Land Acquisition for Source Water Protection for acquisition of properties by Toronto Region Conservation Authority (TRCA), identified in the confidential list dated April 14, 2009, included as Attachment 1.
2. TRCA complete the acquisitions according to the criteria set out in Executive Committee Report 14.1, adopted by City Council on November 19 and 20, 2007, in a form and manner acceptable to City officials.

3. City Council authorize the public release of the confidential information contained in Attachment 1 after the acquisition of the properties by the Toronto and Region Conservation Authority has been completed.
4. The appropriate City Officials be authorized and directed to take the necessary action to give effect thereto.

Summary

This report has been prepared jointly with the Toronto and Region Conservation Authority (TRCA) to provide an update on land purchased in 2008 using Toronto Water Capital funding and seek approval to revise the previously approved Property Acquisition List to add additional properties.

Financial Impact

Funding is available to support the acquisition of properties in accordance with the City's Land Acquisition Criteria for Source Water Protection in the approved Toronto Water 2009 Capital Budget under WBS Element CWW473-01 Land Acquisition for Source Water Protection.

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

Background Information

Toronto Water Land Acquisition for Source Water Protection-Staff Report
<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20628.pdf>

PW24.11	ACTION			Ward: All
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Amendments to Solid Waste Management Services Diversion Contracts

Confidential Attachment - The security of the property of the municipality or local board

Origin

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

Recommendations

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

1. City Council approve an increase in the maximum contracted single stream recycling tonnage to be processed by Canada Fibers Ltd. by an additional 20,000 tonnes to 105,000 tonnes per year at an additional \$16.00 per tonne above the current processing rate with CPI adjustments on the new tonnes effective January 1, 2010 and annually thereafter, all net of GST.
2. City Council approve an increase in the maximum contracted source separated organic tonnage to be hauled and processed by OrgaWorld Canada Ltd. by 25,000 tonnes to 75,000 tonnes per year at a rate reduced by \$5.00 per tonne from the current processing rate of \$112.50 per tonne to \$107.50 per tonne on both the currently committed tonnes

- and the new tonnes with CPI adjustments effective June 1, 2009 and annually thereafter and no change in the current contracted rate of \$17.25 per tonne for haulage, all net of GST.
3. Subject to the adoption of Recommendation 2, City Council approve a put or pay commitment of 70% of the full 75,000 tonnes until May 31, 2013, provided that OrgaWorld Canada Ltd. is capable of processing the full amount.
 4. Subject to the adoption of Recommendation 2, City Council authorize the General Manager, Solid Waste Management Services to exercise the two (2) option years from June 1, 2013 to May 31, 2014 and June 1, 2014 to May 31, 2015 with OrgaWorld Canada Ltd. as part of the agreement for increased capacity.
 5. City Council authorize the General Manager, Solid Waste Management Services to enter into any necessary amending agreements with both Canada Fibers Ltd. and OrgaWorld Canada Ltd. to reflect Recommendations 1, 2, 3 and 4, and otherwise on terms and conditions satisfactory to the General Manager, Solid Waste Management Services and in a form satisfactory to the City Solicitor.
 6. City Council:
 - a. extend the existing authority of the General Manager of Solid Waste Management Services to negotiate and enter into amending agreements with the City's current SSO processing contractors and/or negotiate and enter into agreements with other SSO processing contractors as required to meet the City's SSO (including SSO digestate) processing needs for terms up to December 31, 2015 on terms and conditions satisfactory to the General Manager, Solid Waste Management Services, and in a form satisfactory to the City Solicitor, provided that the prices do not exceed the increased processing fees identified in Attachment 1 – Confidential Information; and
 - b. authorize the General Manager of Solid Waste Management Services to negotiate and enter into amending agreements with the City's current SSRM processing contractors and/or negotiate and enter into agreements with other SSRM processing contractors as required to meet the City's SSRM processing needs for terms up to December 31, 2015 on terms and conditions satisfactory to the General Manager, Solid Waste Management Services, and in a form satisfactory to the City Solicitor, provided that the prices do not exceed the processing fees identified in Attachment 1 – Confidential Information.
 7. City Council amend the 2009 Approved Operating Budget for Solid Waste Management Services by increasing expenditures in Cost Centre SW0751 (MRF: Single Stream - Dufferin) by \$1,008,410.; by decreasing expenditures in Cost Centre SW0476 (MWPf-DUFFERIN) by \$218,750 and by increasing revenue in Cost Centre SW0751 (MRF: Single Stream - Dufferin) by \$789,660.
 8. This report be forwarded to Budget Committee.

Summary

The purpose of this report is to request authority to amend the contracts with Canada Fibers Ltd. to process additional Single Stream Recyclable Material (SSRM) and with OrgaWorld Canada Ltd. to process additional Source Separated Organics (SSO) and to receive authority to negotiate further amending SSRM and SSO contracts or enter into new agreements as necessary to ensure the City has sufficient available processing capacity for SSRM, SSO and SSO digestate.

Financial Impact

Canada Fibers Ltd.:

The 2009 approved budget for single stream recycling processing costs at Canada Fibers Ltd. is \$7,411,061.76 (Cost Centre SW0751-MRF: Single Stream - Dufferin).

The proposed increased tonnage and processing fees will result in an estimated incremental increase of 16,200 recovered tonnes at \$106.71 per tonne or \$1,008,410 net of GST to be paid to Canada Fibers Ltd. for the period June 1, 2009 to December 31, 2009, if all additional processing capacity is utilized. The rate is increased by \$16.00 per tonne from the current processing rate of \$90.71 per tonne to \$106.71 per tonne. The total rate charged by Canada Fibers Ltd. includes residue rates between \$4.20 for residue in the range of 14.01-15%, to \$21.14 for residue in the range of 27.01-28%. Residue calculations will be done monthly and applied accordingly to the fee payable to Canada Fibers Ltd. Based on current markets and current trends, it is anticipated that we will receive approximately \$789,660 in additional revenue from the sale of recycled material for the same period resulting in a net cost to the City of \$218,750.

OrgaWorld Canada Ltd.:

The 2009 approved budget for source separated organics processing costs for OrgaWorld Canada Ltd. is \$6,953,850.76 (Cost Centre SW0476-MWPF-DUFFERIN). The proposed increased tonnage and immediate option year extensions with OrgaWorld Canada Ltd. will result in a decrease in the current processing fee by \$5.00 per tonne which, if all additional capacity is utilized, will result in savings to the City of approximately \$218,750 net of GST for the period June 1, 2009 to December 31, 2009. The option year extensions are detailed in Table 1 below and will be included in the appropriate operating budget submissions of Solid Waste Management Services.

Table 1: OrgaWorld Canada Ltd.

Cost Centre	Revised 2009	2010	2011	Total
SW0476	\$6,735,101	\$9,736,250	\$9,927,750	\$26,399,101

* The above costs include transportation costs

With the approval of these amendments, the Canada Fibers Ltd. and OrgaWorld Canada Ltd. contracts essentially offset each other. However, it should be noted that while the approved 2009 Solid Waste Management Services Operating Budget has included estimated costs associated with the processing of all estimated SSRM, SSO and SSO digestate tonnes, new short term contracts may result in the City incurring costs as identified in Attachment 1 – Confidential Information.

The following table outlines the necessary budget adjustments should these contract amendments be approved and represents a net zero impact:

Table 2: Operating Budget Adjustment.

Cost Centre	Cost Element	2009
SW0751-MRF: Single Stream - Dufferin	4403 C. SVCS-MACH & EQUIP	\$1,008,410
SW0476-MWPF-DUFFERIN	4403 C. SVCS-MACH & EQUIP	(\$218,750)
Total Expenditures		\$789,660
SW0751-MRF: Single Stream - Dufferin	9495 SALE OF RECYCLED MATERIALS	\$789,660
Total Revenues		\$789,660

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

Background Information

Amendments to Solid Waste Management Services Diversion Contracts-Staff Report
<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20604.pdf>

PW24.12	ACTION			Ward: 6
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Sole Source Authority - Filter Underdrain Systems Supplier in Construction Tender Documents for R. L. Clark Water Treatment Plant Process Equipment Upgrade

Origin

(April 15, 2009) Report from General Manager, Toronto Water, and the Acting Director, Purchasing and Materials Management

Recommendations

The General Manager of Toronto Water and the Acting Director of Purchasing and Materials Management recommend that:

1. City Council grant authority that Anthratech Western Inc. (AWI) be specified as the Sole Source supplier for the provision of eighteen (18) new Pheonix low profile filter underdrain systems, including supply and delivery of all materials, equipment, components, and accessories, as well as installation and related field services (supervision and testing), in the construction tender documents for the R. L. Clark WTP Process Equipment Upgrade Project.

Summary

The purpose of this report is to seek authority to specify a Sole Source supplier, Anthratech Western Inc. (AWI), for the provision of eighteen (18) low profile filter underdrain systems, installation, supervision, and field testing services in the construction tender documents for the R. L. Clark Water Treatment Plant (WTP) Process Equipment Upgrade project.

Financial Impact

There is no direct financial impact as a result of this report. The cost of procurement of the filter underdrains will be formally accounted for during the construction phase of the Process Equipment Upgrades, where a general contractor will be selected through the competitive tendering process. The supply and installation of the underdrain system will be named within the overall construction specification.

It is estimated that the filter underdrains will cost \$19,700,000 net of GST (and no contingency) for eighteen (18) filter underdrain systems, including supply, delivery, installation, supervision, and performance testing services. The cash flow requirement for this project would include \$4,378,000 net of GST in 2011, \$8,756,000 net of GST in 2012, and \$6,566,000 net of GST in 2013.

The R. L. Clark WTP Process Equipment Upgrade project is currently forecasted in the 2010-2013 Capital Plan for Toronto Water under WBS Element CPW063-10 and will be included in Toronto Water's 2010 Capital Budget Submission.

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

Background Information

Sole Source Authority - Filter Underdrain Systems Supplier-Staff Report
<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20756.pdf>

PW24.13	ACTION			Ward: 44
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Contract No. 08FS-62WP, Tender Call 236-2008 - Highland Creek Wastewater Treatment Plant - Plant Instrumentation and Paging Services

Origin

(April 17, 2009) Report from Executive Director, Technical Services, and the Acting Director, Purchasing and Materials Management

Recommendations

The Executive Director of Technical Services, and the Acting Director of Purchasing and Materials Management, recommend that Council grant authority to:

1. Reallocate funds in 2009 in the amount of \$800,000.00 net of GST to CWW024-02 Highland Creek TP Plant Services from CWW036-03 Highland Creek Treatment Plant – Thermal Technology, Phase 1.
2. Award Contract 08FS-62WP, Tender Call 236-2008, for the Highland Creek Wastewater Treatment Plant – Plant Instrumentation and Paging Services to Quantech Electrical Contractors Limited in the total amount of \$3,199,333.33, net of GST, being the lowest compliant bid received.

Summary

The purpose of this report is to advise on the results of the Tender Call 236-2008 issued for the Highland Creek Wastewater Treatment Plant – Plant Instrumentation and Paging Services, in accordance with specifications as required by Technical Services and request authority to award a contract to the recommended bidder.

Financial Impact

The total contract award identified in this report is \$3,359,300.00, including all applicable taxes and charges. The cost to the City net of GST is \$3,199,333.33.

This project is included in the approved 2009 Toronto Water Capital Budget and 2009-2013 Capital Plan in WBS Element CWW024-02 Highland Creek TP PCS Plant Services. However, at this time, the uncommitted cash flow is insufficient and additional cash flow authority is required to meet these commitments. An additional \$800,000.00 is required in order to complete the construction, net of GST.

The cash flow requirements for this project are \$800,000.00 in 2009, \$1,000,000.00 in 2010, \$1,000,000.00 in 2011 and \$399,333.33 in 2012 net of GST.

The pre-tender engineering estimate for the construction project was \$2,400,000.00 net of GST. This estimate was finalized after the 2009 budget cycle was initiated, and was therefore not reflected in the approved 2009 Toronto Water Capital Budget. The tender price is approximately \$800,000.00 higher than the pre-tender estimate due to the following:

- tender price includes approximately \$60,000.00 for an additional consultant's field office;
- pre-tender estimate did not include approximately \$300,000.00 in additional work related to the supply and installation of the emergency lights due to revision of scope during tendering;
- the pre-tender estimate did not account for implementation of constraints in the construction schedule in order to avoid conflict in time and space with other construction activities; and
- market conditions and activities are such that currently all major water and wastewater contractors are busy with other construction projects throughout the Greater Toronto Area (GTA). Municipalities in the GTA (including the City of Toronto) have in place significant capital investment programs designed to meet growth demands, repair older

infrastructure and enhance existing treatment systems. Consequently, prices for construction projects are continuously increasing. Furthermore, the international market demand and the changes to the Canadian currency are driving up the prices for raw materials and consumables for the construction industry.

The additional cash flows (net of GST) will be funded from the 2009 Toronto Water Capital Budget by reallocating funds as described below:

Account	2009	2010	2011	2012	Total
CWW036-03 Highland Creek Treatment Plant – Thermal Technology – Phase 1	\$800,000.00	\$0	\$0	\$0	\$800,000.00
CWW024-02 HCTP PCS Plant Services (before reallocation)	\$0	\$1,000,000.00	\$1,000,000.00	\$399,333.33	\$2,399,333.33
TOTAL CWW024- 02 (including reallocation)	\$800,000.00	\$1,000,000.00	\$1,000,000.00	\$399,333.33	\$3,199,333.33

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

Background Information

Contract No. 08FS-62WP, Tender Call 236-2008 - Highland Creek Wastewater Treatment Plan - Plant Instrumentation and Paging Services-Staff Report
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20546.pdf>)

PW24.14	Information			Ward: All
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Amendment to Contract 47010956, Tender Call 80-2005, 05TM-01TP - Maintenance and Operation of Electrical Traffic Control and Related Devices

Origin

(April 15, 2009) Report from General Manager, Transportation Services, and the Acting Director, Purchasing and Materials Management

Summary

The purpose of this report is to advise on the over expenditure of Contract No. 47010956, by \$908,333.96 net of GST, which represents a 2.2% increase of the current contract value of \$40,847,791.95 net of GST. This increase is a result of extra work required to complete the city wide maintenance and operation of electrical traffic control devices to the contract end date of January 31, 2009.

Financial Impact

The Contract increase identified in this report is \$953,750.66 including all applicable taxes and charges. The cost to the City, net of GST is \$908,333.96. Funding is available in the Transportation Services Capital Budget Accounts CTP709-03 Signal Major Modifications and CTP709-07 Traffic Plant Requirements/Signal Asset Management in the amounts of \$281,229.69 and \$627,104.27 respectively.

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

Background Information

Amendment to Contract 47010956, Tender Call 80-2005, 05TM-01TP-Staff Report
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20547.pdf>)

PW24.15	ACTION	1:30 PM		Ward: 27
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Jarvis Street Streetscape Improvements - Class Environmental Assessment Study

Origin

(April 17, 2009) Report from General Manager, Transportation Services

Recommendations

The General Manager, Transportation Services, recommends that:

1. City Council grant authority to the General Manager of Transportation Services to issue a Notice of Study Completion and to file the Environmental Study Report for the Jarvis Street Streetscape Improvements Class Environmental Assessment Study in the public record for 30 days in accordance with the requirements of the Municipal Class Environmental Assessment; and
2. The appropriate City officials be authorized and directed to take the necessary action to give effect thereto.

Summary

In 2001, the Culture Section completed a study entitled, “Canada’s Urban Waterfront – Waterfront Culture and Heritage Infrastructure Plan” that identified Jarvis Street as one of seven cultural corridors within the City of Toronto. In preparing a heritage plan for Jarvis Street, the Culture Section undertook a Streetscape Study that identified the need to narrow Jarvis Street to accommodate improvements to the public realm within the existing right-of-way. A Traffic Feasibility Study, completed by the Transportation Services Division in 2005, concluded that it was feasible to narrow Jarvis Street.

A Municipal Class Environmental Assessment (EA) study has been undertaken to develop streetscape improvement plans in conjunction with lane arrangement modifications on Jarvis Street from Bloor Street East to Queen Street East. The EA study included the identification and evaluation of a reasonable range of alternatives in consultation with the public and review

agencies. The resulting Recommended Design is to narrow Jarvis Street from five (5) lanes to four (4) lanes by removing the centre reversible lane and widening the east sidewalk and remaining four (4) lanes. This will enable improvements to the public realm along Jarvis Street.

A Notice of Study Completion must now be issued and the Environmental Study Report filed in the public record for a minimum 30-day review period in accordance with the requirements of the Municipal Class Environmental Assessment.

Financial Impact

There is no immediate financial impact resulting from the recommendations contained in this report. The preliminary cost estimate for this project is \$6.35 million. The implementation of the redesign of Jarvis Street is not currently proposed to occur until the reconstruction of Jarvis Street is programmed. Jarvis Street is not currently identified for reconstruction or resurfacing in the 10-year Capital Budget Program.

The Jarvis Street Corridor Reserve Fund was created to collect funds for the beautification of Jarvis Street. Rogers Wireless Inc., as part of their Section 37 contributions for the site at Mount Pleasant Road and Jarvis Street, has contributed \$900,000 to this fund. City Planning staff are also investigating the contribution of additional monies to this fund in conjunction with other development applications along Jarvis Street. These monies will contribute to the implementation of the streetscape improvement plans. If additional funding contributions are made, the potential advancement of this project will be considered at that time.

In addition, construction in Focus Areas which are located outside of the proposed limits of the road reconstruction zone may proceed ahead of the total road reconstruction. The General Manager, Transportation Services will report on the financial implications to the Jarvis Street Corridor Reserve Fund of undertaking work in these Focus Areas once detailed design of these areas is completed.

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

Background Information

Jarvis Street Streetscape Improvements Class Environmental Assessment Study
(<http://www.toronto.ca/legdocs/mmis/2009/pw/bgrd/backgroundfile-20558.pdf>)