

Public Works and Infrastructure Committee

Meeting No.	8	Contact	Rosalind Dyers, Committee Administrator
Meeting Date	Thursday, September 6, 2007	Phone	416-392-8018
Start Time	9:30 AM	E-mail	pwic@toronto.ca
Location	Committee Room 1, City Hall		

Public Works and Infrastructure Committee		
Councillor Glenn De Baeremaeker (Chair)	Councillor Shelley Carroll	Councillor Chin Lee
Councillor Adam Giambrone (Vice-Chair)	Councillor Mark Grimes	Councillor John Parker

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Declarations of Interest under the *Municipal Conflict of Interest Act*.

Confirmation of Minutes - June 27, 2007

Speakers/Presentations – A complete list will be distributed at the meeting

Communications/Reports

PW8.1	Presentation			Ward: All
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Steve Bonk Scholarship Award**Presentation****Summary**

Every year, a CWWA Steve Bonk Scholarship Award is given to a student pursuing a career related to the municipal water or wastewater sector. One of the requirements is that the student applying must either be a resident of a current CWWA municipal Member, or attend college or university in a municipality or that is itself a CWWA Member. This year's winner resides in the City of Toronto. The 2007 winner is Ms. Monique Waller, a graduate student who attends the University of Toronto.

PW8.2	ACTION			Ward: All
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Collection of Containerized Waste, Recyclables, Organics and Bulky Items – RFQ 6033-07-3143

(August 14, 2007) Report from the General Manager, Solid Waste Management Services Division and the Director, Purchasing and Materials Management Division.

Recommendations

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

1. authority be granted to enter into a contract for the Collection of Containerized Waste, Recyclables, Organics and Bulky Items (RFQ 6033-07-3143) from Multi-unit Residential Buildings, Townhouses, Agencies, Boards, Commissions and Divisions for a period of 8 years and 5 months commencing February 1, 2008 and ending on June 30, 2016, in accordance with specifications and requirements of the Solid Waste Management Services Division with the lowest bidder, Miller Waste Systems, a Division of Miller Paving Limited, in the total estimated amount of \$74,917,366.00, net of GST and annual Consumer Price Index (CPI) adjustment on the anniversary date of the contract.

Financial Impact

The total potential contract award is \$79,412,408.00 including GST – PST is not applicable. Funds in the amount of \$8,159,316.80 will be provided in the 2008 operating budget submission, Solid Waste Management Services Accounts SW0091, 0098, 0361, 0368, 0382, 0423, 0441, 0454, 0577, 0584, 0602, for the Collection of Containerized Waste, Recyclables, Organics and Bulky Items from Multi-unit Residential Buildings, Townhouses, Agencies, Boards, Commissions and Divisions for the period February 1, 2008 to December 31, 2008.

The cost estimate for 2008 is based on simplified calculations using annualized costs based on implementation of collection services across the City beginning on February 1, 2008. The exact time frames and actual costs will be dependent on rate of implementation of new and existing collection services and phasing of former areas of the City.

The accounts noted above will be revised to reflect service harmonization under one contract, the new multi-unit residential organics program and bulky items re-use/recycling program. Funds will be included in the subsequent years' operating budget submission for each required portion of the contract period. Funds for incidental, hourly or contingency work will be budgeted each year as required. Funds for the multi-unit residential organics program will be budgeted according to the rate of implementation between 2008-2010.

The total estimated funds required for the 8-year 5-month contract period, February 1, 2008 to June 30, 2016, is \$74,917,366.00, net of GST and annual CPI adjustment on the anniversary date of the contract.

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

Summary

This report requests authority to award Request for Quotation (RFQ) 6033-07-3143 for the Collection of Containerized Waste, Recyclables, Organics and Bulky Items from Multi-unit Residential Buildings, Townhouses, Agencies, Boards, Commissions and Divisions to Miller Waste Systems, a Division of Miller Paving Limited, the lowest bidder meeting all specifications and requirements.

The period of the contract is for 8 years and 5 months with the areas of former North York and Scarborough to start on February 1, 2008, followed by the remaining areas of the City on July 1, 2008. This contract will end on June 30, 2016.

The new contract will include provisions for the phased-in collection of multi-unit residential organic material, collection of bulky items for delivery to re-use centres, expanded collection of recyclables, and recording and tracking the volume of waste by location, all in accordance with the goal to achieve 70% diversion by 2010.

Background Information

2007-09-06-pw08.2

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgnd/backgroundfile-6298.pdf>)

PW8.3	ACTION			Ward: 42
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Kirkhams Road Bridge over the Rouge River Class Environmental Assessment Study

(August 14, 2007) Report from the General Manager, Transportation Services.

Recommendations

The Transportation Services Division recommends that:

1. authority be granted to the General Manager of Transportation Services to issue a Notice of Completion and to file the Environmental Study Report for the Kirkhams Road Bridge over the Rouge River Class Environmental Assessment Study in the public record for 30 days 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. A more detailed financial estimate will be presented upon the award of a contract to perform the works.

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

Summary

A Class Environmental Assessment study was undertaken to address the deteriorated condition of the Kirkhams Road bridge over the Rouge River. The evaluation of a reasonable range of alternative solutions, which included consultation with the public and review agencies, resulted in the following Recommended Design:

- removal of the existing Kirkhams Road bridge, including the removal of the deck, pier, and abutments to the level of the footings;
- regrading of the approaches of the bridge to match the adjacent Rouge River valley topography;
- replacement of the existing 400 mm watermain suspended from the Kirkhams Road bridge with two 300 mm watermains under the Rouge River using trenchless technology;
- provision of culs-de-sac on the north and south sides of the Rouge River to facilitate the turning of vehicles; and
- provision of a gate on Kirkhams Road at Meadowvale Road to restrict access to the portion of Kirkhams Road south of the Rouge River for maintenance vehicles only.

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

Background Information

2007-09-06-pw08.3

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6299.pdf>)

A copy of the “Kirkhams Road Bridge over the Rouge River Class Environmental Assessment” has been forwarded to Members of Council only, and a copy is on file in the office of the City Clerk, City Hall.

PW8.4	ACTION			Ward: 11, 13
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Scarlett Road/CP Rail Bridge Class Environmental Assessment Study

(August 22, 2007) Report from the General Manager, Transportation Services.

Recommendations

The General Manager of Transportation Services recommends that:

1. the increase in overall project cost and acceleration of cash flow funding be deferred for consideration with the Transportation Services 2008 Capital Budget;
2. the General Manager, Transportation Services review any potential cost-sharing arrangements with the Toronto Transit Commission for works programmed for 2010 to 2013, inclusive, and report back to the Budget Committee as part of the 2008 Capital Budget process; and
3. the appropriate City Officials be authorized and directed to take the necessary action to give effect thereto.

Financial Impact

Future discussions with the Toronto Transit Commission (TTC) will need to be undertaken with a view to not only cost-share in the original proposal but also with the incremental enhanced transit portion. A funding request for an increase in overall project cost and acceleration of cash flows will be included in the 2008 Transportation Capital Budget submission. There are no financial impacts to the 2008 capital plan.

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

Summary

The recommended design of the Scarlett Road/CP Rail Bridge contained in the Class Environmental Assessment Study previously prepared for this project, has been modified to protect for a potential future exclusive transit right-of-way. The modified design was developed

in consultation with Toronto Transit Commission staff and does not result in any additional impacts to facilities or properties, outside of those owned by CP Rail, in comparison to the originally recommended design. However, the modifications do result in an increase in the overall project cost to \$19.30 million from the original \$14.85 million recommended in the Transportation Services Division's five-year capital plan. The Environmental Study Report for this project is being amended accordingly, and will be filed in the public record in September 2007.

Advancing the construction of this project by several years has been considered but is not recommended at this time, due to the impact this would have on the funding of other state of good repair projects. It is recommended, however, to advance the programming of the detailed design, property acquisition and other preparatory works in order to reduce the budget impacts of the project in any given year and to ensure that the project can be completed by 2013.

Background Information

2007-09-06-pw08.4

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6300.pdf>)

A copy of the “Scarlett Road/CP Rail Bridge Class Environmental Assessment Environmental Study Report Executive Summary” has been forwarded to Members of Council only, and a copy is on file in the office of the City Clerk, City Hall.

PW8.5	ACTION			Ward: All
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Proposed Amendment to Polling Process for Traffic Calming Projects

(August 1, 2007) Report from the General Manager, Transportation Services.

Recommendations

The Transportation Services Division recommends that:

1. the polling eligibility requirements for traffic calming projects contained in the City's Traffic Calming Policy be amended so as to conform to the polling eligibility requirements outlined in the City of Toronto Municipal Code Chapter 190, “Polling and Notification.”

Financial Impact

There are no financial impacts arising from the adoption of the recommendation.

Summary

In 2002, Council adopted the Traffic Calming Policy which included a process for conducting polls for the implementation of traffic calming projects. In January 2007, the City of Toronto Municipal Code Chapter 190, “Polling and Notification” took effect and with it the establishment of polling eligibility requirements that differed from that contained in the Traffic Calming Policy. Changing the Traffic Calming Policy polling eligibility requirements to conform to Municipal Code Chapter 190 will provide for consistent and uniform application in

this area and simplify the efforts of Election and Registry Services in conducting traffic calming polls. This report provides information on the background and implications of this change, and also seeks City Council approval of the recommended amendments to the polling process respecting traffic calming projects.

Background Information

2007-09-06-pw08.5

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6301.pdf>)

PW8.6	ACTION			Ward: 12, 15, 17
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Proposed Bicycle Lanes on Rogers Road from Old Weston Road to Oakwood Avenue

(August 2, 2007) Report from the General Manager, Transportation Services.

Recommendations

The Transportation Services Division recommends that City Council:

1. approve the installation of bicycle lanes on both sides of Rogers Road, from Old Weston Road to Oakwood Avenue, as detailed in Appendix A of this report;
2. approve the amendments to the traffic and parking regulations detailed in Appendix B of this report; and
3. authorize and direct the appropriate City officials to take the necessary action to give effect thereto, including the introduction of all necessary bills.

Financial Impact

Funds to implement the bicycle lanes on Rogers Road, in the estimated amount of \$125,000.00 are provided for within the Transportation Services Division 2007 Capital Budget in the Cycling Infrastructure Account CTP 807-05.

Summary

This report is being submitted to Public Works and Infrastructure Committee because the proposed bicycle lanes on Rogers Road span two Community Council districts.

The purpose of this report is to obtain authority to install bicycle lanes on Rogers Road from Old Weston Road to Oakwood Avenue. The installation of bicycle lanes within the existing Rogers Road pavement width will require a reduction in on-street parking supply. However, several parking utilization surveys have shown that the resultant parking supply will still be well in excess of current demand for parking in this area.

Background Information

2007-09-06-pw08.6

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6302.pdf>)

2007-09-06-pw08.6.App.A

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6303.pdf>)

2007-09-06-pw08.6.App.B

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6304.pdf>)

2007-09-06-pw08.6.map.1

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6334.pdf>)

2007-09-06-pw08.6.map.2

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6335.pdf>)

PW8.7	Information			Ward: 23
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Operational Improvements at Finch Station

(July 12, 2007) Letter from the General Secretary, Toronto Transit Commission.

Summary

Advising that the Toronto Transit Commission on July 11, 2007 considered a report, entitled "Operational Improvements at Finch Station" and approved the following action:

"It is recommended that the Commission:

1. Receive this report, noting that:
 - City staff have agreed to install a traffic signal on Finch Avenue East at Finch Station, which will significantly reduce the delays now experienced by buses on the 39 Finch East route that turn left onto Finch Avenue East when exiting the station;
 - The new signal will cost the TTC approximately \$190,000 in addition to the ongoing annual maintenance costs of approximately \$5,000;
 - The new signal is far more costly than the previous recommendation to revise the operation of the 39 Finch East route via Bishop Avenue and Kenneth Avenue to access Finch Avenue East, but it addresses the community concerns over bus operations near residential condominium buildings; and
2. Forward this report to Councillor David Shiner, the City of Toronto Public Works and Infrastructure Committee (for information), and to the General Manager – Transportation Services.

Background Information

2007-09-06-pw08.7

<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6305.pdf>

2007-09-06-pw08.7.attach

<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6306.pdf>

PW8.8	ACTION			Ward: 2
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Report Request - Potential Construction of Storm Sewers and Curbs on Endicott Avenue and Latonia Drive

(July 23, 2007) Letter from Councillor Rob Ford, Ward 2, Etobicoke North.

Summary

Requesting that staff report to the Public Works and Infrastructure Committee on the potential construction of storm sewers and curbs on Endicott Avenue and Latonia Drive to replace existing ditches and swales.

Background Information

2007-09-06-pw08.8

<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6326.pdf>

PW8.9	ACTION			Ward: 39
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Extension of No-Fault Grant Program (Ward 39) - Public Works and Infrastructure Committee Item PW7.10

(July 24, 2007) Letter from the City Clerk.

Recommendations

The General Manager of Toronto Water recommends that:

1. there should be no extension of the 2005 Flood Damages Grant Program to provide grants to homeowners that were flooded as a result of sewer backups in Ward 39 in December 2006 or February 2007.

Financial Impact

There are no financial impacts resulting from the adoption of this report.

Summary

City Council on July 16, 17, 18 and 19, 2007, referred Item PW7.10 headed "Extension of No-Fault Grant Program", back to the Public Works and Infrastructure Committee for further consideration.

This report recommends that the 2005 Flood Damages Grant Program, also known as the "No-Fault Grant Program", that was established to provide grants to certain eligible properties that were flooded by the August 19, 2005 storm event, not be extended to properties in Ward 39 that were flooded by a sewer backup in December 2006 or a sewer backup in February 2007.

Background Information

2007-09-06-pw08.9

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-5796.pdf>)

2007-09-06-pw08.9.attach.1

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6330.pdf>)

2007-09-06-pw08.9.attach.2

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6331.pdf>)

(Deferred from June 27, 2007 - 2007.PW7.24)

PW8.10	Information			Ward: All
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Biosolids Management Contingency Issues Update

(June 27, 2007) Report from the General Manager, Toronto Water.

Financial Impact

This report has no financial impact beyond what has already been approved in the current 2007 Toronto Water Operating and Capital budgets.

Summary

The purpose of this report is to report back to City Council, as previously directed, on the outcome of steps taken by staff pursuant to the confidential instructions to staff and the authority given by Council, at its meeting on June 27, 28 and 29, 2006, by the adoption of Motion J(32) in relation to the disposal of the City's biosolids generated at the Ashbridges Bay Treatment Plant (the "ABTP").

The confidential instructions, which Council directed were to remain confidential in their entirety, as they contain information related to the security of the property of the municipality, arose as a direct result of the emergency situation created by the Republic Services' companies when they announced on May 31, 2006, their intention to stop accepting the City's biosolids for disposal at the Carleton Farms landfill in Michigan effective August 1, 2006.

City staff has, and continues to, aggressively pursue alternate biosolids management and disposal arrangements. To date, various contracts to manage and dispose of the biosolids generated at the ABTP have been secured. In contrast to the previous heavy reliance on a single

disposal site (i.e., Carleton Farms), these contracts provide the City with access to a variety of beneficial uses and/or disposal sites in multiple jurisdictions. These contracts diversify the City's biosolids program through a wide range of management options such as alkaline stabilization, co-composting, landfill, land application and degraded site reclamation.

Background Information

2007-09-06-pw08.10

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-5593.pdf>)

(Deferred from June 27, 2007 - 2007.PW7.12)

PW8.11	Information			Ward: All
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Review of City Policies Regarding Water and Sewer Service Connections for Infill New Development

(June 13, 2007) Report from the General Manager, Toronto Water.

Financial Impact

There is no financial impact arising from this report.

Summary

This report reviews the City-wide protocol for the installation of municipal service connections in new developments, including infill developments.

Background Information

2007-09-06-pw08.11

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-5592.pdf>)

PW8.12	Information			Ward: 14, 18, 19, 20, 21, 22, 27, 28, 29, 30, 31, 32
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Report on Over-Expenditure to Purchase Order 6020052 - Toronto Water Contract 06TE-326WS Tender Call 122-2006

(August 17, 2007) Report from the General Manager, Toronto Water and the Director, Purchasing and Materials Management.

Financial Impact

A summary of the contract over-expenditure of \$533,920.77 (net of GST), representing 36% of the original value is set out in the table below.

Contract Number	Original Contract Amount	Total Spent	Variance
6020052	\$1,493,905.00	\$2,027,825.77	\$533,920.77

All work under this contract has now been completed and all invoices and payments, up to the contract value have been processed. The over-expenditure reflected in the variance amount has not yet been released and therefore final payment to the contractor has not been made. There is sufficient funding available in the 2007 Approved Capital Works Account CPW544-01 to cover the contract over-expenditure.

Summary

The purpose of this report is to advise on the over-expenditures against Purchase Order 6020052 issued against Contract 06TE-326WS -Tender Call 122-2006 for the Replacement of Water Service Connections in Toronto-East York District.

Background Information

2007-09-06-pw08.12

<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6332.pdf>

PW8.13	ACTION			Ward: 5
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Legal Proceedings to Recover Damages Regarding the Humber Treatment Plant

Confidential - Litigation or potential litigation, including matters before administrative tribunals, affecting the municipality or local board

(August 22, 2007) Report from the City Solicitor.

Recommendations

The City Solicitor recommends that:

1. Council adopt the confidential instructions to staff in Attachment 1;
2. Council authorize the public release of Recommendation 1 of the confidential instructions to staff in Attachment 1 after Council has adopted the confidential instructions to staff;
3. Council authorize the public release of Recommendation 2 of the confidential instructions to staff in Attachment 1 if any settlement is finalized to the satisfaction of the City Solicitor; and
4. the Confidential Information in Attachment 1 remain confidential.

Financial Impact

The financial impacts are discussed in the Confidential Information in Attachment 1 of this report. The Deputy City Manager and Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Summary

In 2001, problems were encountered during the commissioning of the cogeneration facility at the Humber Treatment Plant resulting in damages to remediate the system and construction delay. As a result, the City has incurred costs. The purpose of this report is to provide solicitor-client advice and recommended action regarding recovery of these costs.

Background Information

2007-09-06-pw08.13

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6333.pdf>)

PW8.14	ACTION			Ward: All
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Cost Containment and 2009 Budget - Diverting Functions of Technical Services Back to Operating Divisions

(August 29, 2007) Letter from Councillor Adam Giambrone, Vice-Chair, Public Works and Infrastructure Committee.

Summary

One way to cover looming costs is to divert Technical Services back to operating divisions. This is a plan that could prove efficient and cost-effective now and in the long run. For example, Development Engineering could be moved to Planning and survey/mapping could be under the City Clerk, whereas roads construction makes sense to be under Transportation and Emergency Management.

This is part of a plan that will make the bureaucracy at City Hall more customer friendly (simplified organization), and easier to access. It will save money, yet make the system easier for members of the public to sift through.

Please consider this plan seriously and have staff report back at the November 26, 2007, Executive Committee meeting.

Background Information

2007-09-06-pw08.14

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6376.pdf>)

PW8.15	ACTION			Ward: All
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Report Request - Envac Automated Waste Collection

(August 29, 2007) Letter from Councillor Adam Giambrone, Vice-Chair, Public Works and Infrastructure Committee.

Summary

A new process for waste collection has emerged and it has caught the attention of some the Public Works and Infrastructure Committee members. Envac Automated Waste Collection, underground vacuum transport of waste, is an innovative and sustainable way of handling large amounts of garbage. Now with a global presence, 30 offices in 16 countries, Envac leads the way in sustainable underground waste collection.

The goal of Envac is to relieve City streets of the growing burden of litter and achieve cost-effective waste collection services. With almost 600 completed installations of underground waste systems in Europe, Asia and North and South America, expertise and security are guaranteed. Those installations can be found in Lisbon, Portugal, Gothenburg, Sweden, Yongin City, Korea, and Barcelona, Spain, to name a few cities. Toronto could also adopt this new, clean technology. It is up to you members to decide whether we should join cities like Gothenburg and Barcelona and develop a sustainable way towards waste collection and cleaning.

Please consider this information about the Envac Automated Waste Collection System and whether the City of Toronto should move forward on a pilot project.

Background Information

2007-09-06-pw08.15

(<http://www.toronto.ca/legdocs/mmis/2007/pw/bgrd/backgroundfile-6377.pdf>)