

Request For Information 518-2013 Questions and Answers

1. If I do not respond to this RFI, will I still be able participate in other bidding or tender opportunities?

Yes, the RFI is voluntary and is not a pre-requirement for further opportunities.

2. Regarding financing, required debt-equity ratio: Can you expand on this? What are you looking for specifically? I interpret this as a cost benefit ratio for any proposed method?

We are hoping to understand what limits your company would have that would make the project non-viable for you (e.g. minimum year pay-back period, required financing levels from the City etc). If it came to establishing multi-year contracts or large scale projects what would limit your ability to participate in a competitive bid process? Our goal is to make the process as viable as possible for the greatest number of bidders

3. Can you expand on the number of tonnes that are currently being disposed on at Brady on a daily or weekly interval and, if suitable, what are the expenses currently being expended on this exercise?

Please see our compliance reports for more details sludge hauling. On average we haul 200 wet tonnes per day to the landfill; hauling is done on a daily basis. Please refer to questions 9 and 12 for details on our operating costs. Information on our operating budget is also available at the following link:

[http://www.winnipeg.ca/finance/files/2013-2015\\_Preliminary\\_Operating\\_Budget.pdf](http://www.winnipeg.ca/finance/files/2013-2015_Preliminary_Operating_Budget.pdf)

4. Will our submissions be shared with others who attended today, with other firms or with the public? I am concerned about confidentiality and transfer of financial statements and would prefer for these not to be shared.

The submissions should not include proprietary or sensitive financial information that you feel should not be made public. Please see Clause B17 Confidentiality and Disclosure, within the RFI document. B17.3 states:

To the extent permitted, the City shall treat all Submissions as confidential. However, the Respondent is advised that any Information contained in any Submission may be released if required by City policy or procedures, by FIPPA, by other authorities having jurisdiction, or by law.

5. Will there be an agreement or contract as part of the RFI?

No, this RFI is not binding like a Bid Opportunity. We are seeking information from potential vendors whereby we can evaluate options, ideas etc to deal with the biosolids. Just because a submission is made as part of this process does not mean we are committing to a business relationship with the vendor. Future RFPs or BOs will be required to establish such relationships.

6. What is the role of Veolia within the Winnipeg Sewage Treatment Program and RFI 518-2013? Will they be involved in subsequent follow up?

Veolia is a partner with the City as part of the Winnipeg Sewage Treatment Program (WSTP). The role of Veolia is to provide advice and recommendations to the Director on the WSTP. We will consult with Veolia with respect to the vendors technology, has it been used on any of their projects, what are the benefits or pitfalls, what are the operational concerns etc. The level of information provided in the RFI should reflect the fact that this is not a BO or an RFP but yet sufficient enough for the City to evaluate whether there is a potential for a business relationship.

7. Does the City's agreement/strategic partnership with Veolia allow them to participate in the RFI or subsequent steps in the bid process (i.e. RFQ, RFP, etc.) through any of their affiliate companies?

In general, Veolia's affiliates are allowed to participate in competitive bids issued through our Materials Management website. For more details please refer to the following web links:

<http://www.winnipeg.ca/waterandwaste/sewage/TreatmentPlantUpgradesAndExpansionProgram/agreement.stm>

<http://www.veoliawaterna.com/media/news-releases/2011-04-27,winnipeg-selects-veolia.htm>

8. Is the City considering combined heat power (CHP) engines as part of the upgrades?  
The City is open to exploring the possibility of CHP units and energy generation.

9. Current interplant hauling

- a. How many gallons are hauled annually by plant to the North End Water Pollution Control Centre (NEWPCC)?

The West End Water Pollution Control Centre (WEWPCC) hauls 63,000 kilo-litres annually to the NEWPCC; the South End Water Pollution Control Centre (SEWPCC) hauls 183,000 kilo-litres annually

- b. How many truck trips are made annually by plant to the NEWPCC

This equates to approximately 2,100 trips from the WEWPCC and 6,100 trips from the SEWPCC

- c. What did the city pay per haul or in total for interplant hauling

The City pays \$1.2 million annually

- d. What are the average liquid percent solids by plant

Typical solids concentration is approximately 3-4% before digestion

10. Current Digestion

a. How many digesters does the city have  
 The City has six mesophilic anaerobic digesters

b. What size are the digester and their dimensions?

<b>Digester tanks dimensions</b>				
	Diameter (m)	Liquid Volume (m <sup>3</sup> )	Bottom	Constructed
Digesters (four of six)	33.5	7,200	Flat	1963-1965
Digesters (two of six)	33.5	8,000	Conical	1986

c. What mix system does the city use for its digesters  
 Mixing is provided by ten to twelve gas-driven draft tube gas mixing units located inside each digester. Three of our digesters have 10 gas mixing units and the other three have 12 gas mixing units. One gas compressor (commonly referred to as a gas recirculator) unit per digester provides gas for the mixing operation. The compressor draws gas from the digester, compresses it, and recirculates it back to the draft tube mixers.

11. Dewatering

a. What dewatering equipment does the city have at the NEWPCC  
 The City has centrifuge dewatering

b. What are the current operating hours of the dewatering facility  
 The facility operates 24 hours, 7 days per week

c. What is the average cost to dewater per DT  
 Detailed costs are not available at this time.

12. Disposal costs

a. What is the tip fee at the landfill per tonne  
 The tipping fee is \$32.50 per tonne

b. What did the city pay per haul to from NEWPCC to the Landfill  
 The City pays \$1.2 million annually to haul from the NEWPCC to the landfill

13. Power costs

a. What are the electric needs of the city by month  
 Specific monthly electrical rates are not available for release at this time. Our annual facility usage for 2012 was as follows:

NEWPCC: 47,016,363 kW.h

SEWPCC: 14,000,162 kW.h

WEWPCC: 6,518,718 kW.h

b. What does the city pay for power

Utility rates for our facilities are approximately 0.05 - 0.06 \$/kW.h. Please refer to Manitoba Hydro for typical customer rates in Manitoba:

*[http://www.hydro.mb.ca/regulatory\\_affairs/energy\\_rates/electricity/utility\\_rate\\_comp.shtml](http://www.hydro.mb.ca/regulatory_affairs/energy_rates/electricity/utility_rate_comp.shtml)*

c. Does the City have and renewable energy initiatives

The City has some initiatives and policies for sustainability and renewable energy. Please refer to the following links for details:

Our Winnipeg: *<http://speakupwinnipeg.com/ourwinnipeg/>*

Our Winnipeg Water and Waste: *[http://speakupwinnipeg.com/wp-content/uploads/2011/07/SustainableWaterWaste.July\\_.12.2011.WEB\\_.RGB\\_.pdf](http://speakupwinnipeg.com/wp-content/uploads/2011/07/SustainableWaterWaste.July_.12.2011.WEB_.RGB_.pdf)*

14. Estimate Budgets

a. Does the city have an estimated budget for new digestion and digestion upgrades? If yes what is that estimated budget

Specific upgrade numbers are not available at this time. We currently have funds budgeted for biosolids disposal and upgrades in our 2013-2018 Capital Budget.

Please refer to our capital budget report for this information:

*[http://www.winnipeg.ca/Finance/files/2013\\_Adopted\\_Capital\\_Budget.pdf](http://www.winnipeg.ca/Finance/files/2013_Adopted_Capital_Budget.pdf)*

b. Does the city have an estimated budget for new dewatering and dewatering upgrades? If yes what is that estimated budget

Specific upgrade numbers are not available at this time. Please refer to our capital budget report, sited in Question 13 a

15. Does the city have any diversion initiatives for other organics such as commercial food waste

Not at this time but it is something that we may consider in the future.

16. Where can I find more regulatory information with regards to the City of Winnipeg and biosolids?

The following websites more information:

- City of Winnipeg Biosolids Website
  - <http://www.winnipeg.ca/waterandwaste/sewage/projects/biosolids/>
- City of Winnipeg Biosolids Compliance Reports
  - <http://www.winnipeg.ca/waterandwaste/sewage/WPCCLicenseMonitor.stm>
- Manitoba Conservation and Water Stewardship Nutrient Management Plan Guidelines
  - <http://www.gov.mb.ca/waterstewardship/wqmz/guidelinesfordevelopment.html>
- Manitoba Water Protection Act (See 4.2(2))
  - <http://web2.gov.mb.ca/laws/statutes/ccsm/w065e.php>
- Canadian Council of Ministers for the Environment (CCME) Sustainable Reuse of Biosolids
  - [www.ccme.ca/assets/pdf/pn\\_1473\\_biosolids\\_guidance\\_eng\\_1.0.pdf](http://www.ccme.ca/assets/pdf/pn_1473_biosolids_guidance_eng_1.0.pdf)