

June 16, 2016

Report To: Mayor & Council

From: Doug Brown, Manager Operations & Facilities

**SUBJECT: Tender – Selection of Municipal Special or Hazardous Waste (MSHW) Service Provider to Host a Household Hazardous Waste Drop-off Day Event in 2016**

The Town has tendered with the community of Dryden for a common Municipal Special or Hazardous Waste (MSHW) service provider to host a one-day household hazardous waste drop-off event in each community in 2016. In 2016 the City of Dryden was responsible for preparing the tender documents and specifications.

The Town's MSHW event day is scheduled for Saturday, September 17, 2016 starting at 9:00 am and ending at 3:00 pm. All citizens living in the Rainy River District will be allowed to drop off household hazardous waste at the Public Works Yard located at 900 Wright Avenue.

There was one tender submitted;

MSHW Service Provider	Subtotal	HST	Total Price
Miller Environmental Corporation	\$20,889.85	\$2,716.98	\$23,616.83

The Miller Group, out of Winnipeg was the only tender submitted. See attached Miller's schedule of fees for the MSHW event day services. Each community will authorize The Miller Group to be their 2016 MSHW service provider. The 2016 total estimated cost to the Town of Fort Frances without any reimbursement from Stewardship Ontario is \$21,267.69 (Town's portion of HST included) based on the quantity of MSHW materials collected in 2015. The 2016 approved operating budget has a net operating cost of \$5,000 where the total operating expenditure is estimated at \$22,000 and the revenue received is \$17,000. The exact net cost is very dependant on the amount and types of MSHW materials dropped off on the event day.

The Operations & Facilities Executive Committee recommends the following:

- 1) That the Miller Group out of Winnipeg be designated the Town 's 2016 MSHW service provider at an estimated cost of \$23,616.83 (includes HST) in accordance with the tender documents.

- 2) That the Town 's MSHW event day is scheduled on Saturday September 17, 2016 from 9:00 am to 3:00 pm.

Respectfully submitted,  
Operations & Facilities Division



Doug Brown, P. Eng.  
Manager Operations & Facilities

**Council approval of this report will ensure the following:**

- 1) That the Miller Group out of Winnipeg be designated the Town's 2016 MSHW service provider at an estimated cost of \$23,616.83 (includes HST) in accordance with the tender documents.
- 2) That the Town's MSHW event day is scheduled on Saturday September 17, 2016 from 9:00 a.m. to 3:00 p.m.

## **Appendix C**

### **Cost Allocation Tables**

***The proponent shall use the Price Proposal Forms in this RFT/FRP. The following definitions apply to the items in the forms:***

- a. **Transport container:** is the UN-approved container used to transport MHSW from the Municipality's depots to a Ministry of the Environment-approved facility licensed to manage MHSW. e.g. 202 L drum or labpack, 1m<sup>3</sup> tote, or other. The unit price is the cost of one transport container, plus label, liner and packing material.
- b. **Recycling Option:** It is the unit price for recycling one full transport container and includes the cost of the transport container, transporting (in addition to any transportation in Table 5 below) the container to a recycling facility, if applicable. It includes the cost for processing and recycling or disposing of the empty MHSW containers or packaging, unless the bidder chooses to price the processing, recycling or disposing of empty paint containers separately (refer to Recyclability Status table url below). In the case where the contents of a package is recycled but the package itself is disposed the waste is still deemed to be recycled. See **Disposal Option:** is defined as the unit price for processing and disposing of one full transport container and includes the cost of the transport container, transporting (in addition to any transportation in Table 5 below) the container to a disposal facility, if applicable. It includes the cost for processing and recycling or disposing of the empty MHSW containers or packaging. In the case where the contents of a package are disposed but the package itself is recycled, (such as steel aerosol cans) the waste product is still deemed to be disposed.
- c. **Estimated Quantities:** are based on estimates and do not necessarily reflect actual quantities that may be received during the collection event.

**Table 3- Activity-based Costs for the event day – Town of Fort Frances**

**Instruction to bidder**

**Mobilization costs** includes the cost for the contractor's travel time to and from the event site, loading and unloading times, complying with reporting requirements and trucking costs.

**Collection costs** is the total cost for all activities related to receiving, sorting, packing and manifesting MHSW materials

Activity	Unit	Total Price
Travel Time to & from event	11_Hrs Lump Sum	\$6500.00
Loading & Unloading Times**	_3__Hrs Lump Sum	\$660.00
Collection Cost	Lump Sum	\$2900.00
Total	Lump Sum	\$10060.00

\*\* this shall include the time required to load empty containers at the contractor's facility prior to event, unloading containers and setup at event, loading full containers after event, and unloading full containers at the contractor's facility after the event.

**Table 4: MHSW costs – Town of Fort Frances**

Consolidated Materials	Transport Container	Recycling Option [A]	Disposal Option [A]	Unit Price [B]	Estimated Quantity [C]	Total Price [B x C]
Paint						
145L	42.00/GL	\$728/GL		\$0.770/kg	5500kg	\$4235.00
Empty Paint Containers	42.00/GL	\$728/GL		\$0.770/kg	0	\$0.00
Flammables/Misc. Organics						
213I Solvents	42.00/GL	\$504/GL	\$	\$0.546/kg	1150kg	\$627.90
241I Halogenated Solvents	47.00/DM	\$	\$150/DM	\$0.96/kg	10kg	\$9.60
263B Lab Chemicals	47.00/DM	\$	\$225/DM	\$1.10/kg	20kg	\$22.00
Aerosols						
331I	47.00/DM	\$118/DM		\$0.80/kg	450kg	\$360.00
Single Use Dry Cell Batteries						
122C	47.00/DM	\$2.65/kg		\$2.88/kg	340kg	\$979.20
Rechargeable Batteries						



121C	47.00/DM	\$2.65/kg		\$2.88/kg	25 kg	\$72.00
Pressurised Containers						
331I	42.00/GL	\$365/GL		\$ 0.399	700kg	\$279.30
Pesticides						
242A	47.00/DM	\$	\$2.60/kg	\$2.83/kg	200kg	\$566.00
Pathological Waste (Sharps)						
312P	27.00/PT		\$120/PT	\$6.75/Kg	5 kg	\$33.75
Pharmaceuticals						
261A	47.00/DM		\$2.35/kg	\$2.58/kg	24kg	\$61.92
Fluorescent Lights						
146	26.00/BX	\$0.25/LFT		\$0.37/LFT	1500 lft	\$555.00
Corrosives						
148C Basic Inorganic	47.00/DM	\$	\$118/DM	\$0.80/kg	380kg	\$304.00
144C Acid	47.00/DM	\$	\$118/DM	\$0.80/kg	76kg	\$60.80
148C Acid Inorganic	47.00/DM	\$	\$118/DM	\$0.80/kg	160kg	\$128.00
Fertilizers						
147A	47.00/DM	\$	\$270/DM	\$1.55/kg	10kg	\$15.50
Oxidisers						
148	47.00/DM		\$433/DM	\$2.34/kg	100 kg	\$243.00
Fire Extinguishers (portable)						
	47.00/DM	\$	\$118/DM	\$0.80/kg	40 kg	\$32.00
Leachates						
149T	47.00/DM	\$	\$128/DM	\$0.85/kg	0	\$0.00
Mercury Devices						
148T	47.00/DM	\$	\$90.00	\$95.00	5 kg	\$475.00
Bulked Fuel						
221I	47.00/DM	\$	\$152/DM	\$0.97/kg	300 kg	\$291.00
Toxics						
148T Waste Lab Chemicals	47.00/DM	\$	\$178/DM	\$1.10/kg	25 kg	\$27.50
263I Adhesives	47.00/DM	\$	\$265/DM	\$1.52/kg	500kg	\$760.00

212L Antifreeze	47.00/DM	\$	\$0.27/Kg	\$0.50/kg	500 kg	\$250.00
252L Oil Filters	47.00/DM	\$	\$0.27/kg	\$0.50/kg	65 kg	\$32.50
Empty Oil Containers	47.00/DM	\$	0.27/kg	\$0.31/kg	348 kg	\$107.88
Bulked Oil	47.00/DM	\$	\$0.27/kg	\$0.50/kg	1750 kg	\$875.00
<b>TOTAL (excluding flr. Lights):</b>					12683 kg	\$10839.98

**Table 5 : Summary Table – Total Cost (Tables 3 & 4) – Town of Fort Frances**

Item	Table	Total
<b>(De)Mobilization/Collection Costs:</b>	<b>3</b>	\$10,060.00
<b>MHSW Costs:</b>	<b>4</b>	\$10,839.85
<b>HST</b>		\$2,716.98
<b>Grand Total</b>		\$23,616.83

20,899.85

**Table 6- Activity-based Costs for the event day – City of Dryden**

**Instruction to bidder**

**Mobilization costs** includes the cost for the contractor's travel time to and from the event site, loading and unloading times, complying with reporting requirements and trucking costs.

**Collection costs** is the total cost for all activities related to receiving, sorting, packing and manifesting MHSW materials

Activity	Unit	Total Price
Travel Time to & from event	<u>8</u> Hrs Lump Sum	\$4700.00
Loading & Unloading Times**	<u>3</u> Hrs Lump Sum	\$660.00
Collection Cost	Lump Sum	\$3340.00
<b>Total</b>	<b>Lump Sum</b>	<b>\$8700.00</b>

\*\* this shall include the time required to load empty containers at the contractor's facility prior to event, unloading containers and setup at event, loading full containers after event, and unloading full containers at the contractor's facility after the event.



**Table 7: MHSW costs - City of Dryden**

(Municipalities to add or delete materials and codes for approved wastes to be received to ensure these match the site or event C of A.)

Consolidated Materials	Transport Container	Recycling Option [A]	Disposal Option [A]	Unit Price [B]	Estimated Quantity [C]	Total Price [B x C]
Paint						
145L	42.00/GL	\$728/GL		\$0.770/KG	8350kg	\$6429.50
Empty Paint Containers	42.00/GL	\$728/GL		\$0.770/KG	0	\$0.00
Flammables/Misc. Organics						
212I Aliphatic Solvents	42.00/GL	\$504/GL	\$	\$0.546	300kg	\$163.80
263A	47.00/DM	\$	\$178/DM	\$1.10/kg	940kg	\$1034.00
Aerosols						
331I	47.00/DM	\$118/DM	\$	\$0.80/kg	0	\$0.00
Single use Dry Cell Batteries						
122C	47.00/DM	\$2.65/DM		\$2.88/kg	400kg	\$1152.00
Rechargeable Batteries						
121C	47.00/DM	\$2.65/kg		\$2.88/kg	0	\$0.00
Pressurized Containers						
331I	42.00/GL	\$357/GL		\$0.399	560kg	\$223.44
Pesticides						
242A	47.00/DM	\$	\$2.60/kg	\$2.83/kg	240kg	\$679.20
Pathological Waste (Sharps)						
312P	27.00/PT		\$120/PT	\$6.75/kg	0	\$0.00
Pharmaceuticals						
261A	47.00/DM		\$2.35/kg	\$2.58/kg	5kg	\$12.90
Fluorescent Lights						
148T	26.00/BX	\$0.25/LFT		\$0.37/LF	2540 ft	\$939.80
Corrosives						
148A	47.00/DM	\$	\$118/DM	\$0.80/kg	2400kg	\$1920.00
Fertilizers						



147A	47.00/DM	\$	\$270/DM	\$1.55/kg	0	\$0.00
Fire Extinguishers (portable)						
	47.00/DM	\$	\$118/DM	\$0.80/kg	0	\$0.00
Leachates						
149T	47.00/DM	\$	\$128/DM	\$0.85/kg	0	\$0.00
Mercury Devices						
148T	47.00/DM	\$	\$90.00	\$95.00	5kg	\$475.00
Bulked Fuel						
221I	47.00/DM	\$	\$152/DM	\$0.97/kg	1200kg	\$1164.00
Toxics						
148C Inorganic Lab Chemicals	47.00/DM	\$	\$178/DM	\$1.10	1kg	\$1.10
212L Antifreeze	47.00/DM	\$	\$0.27/kg	\$0.50/kg	500 kg	\$250.00
252L Oil Filters	47.00/DM	\$	\$0.27/kg	\$0.50/kg	100 kg	\$50.00
Empty Oil Containers	42.00 GL	\$	0.27/kg	0.31/kg	348 kg	\$107.88
Bulked Oil	47.00/DM	\$	\$0.27/kg	\$0.50/Kg	1000 kg	\$500.00
<b>TOTAL:</b>					16489kg	\$15102.62

**Table 8: Summary Table – Total Cost (Tables 6 & 7) – City of Dryden**

Item	Table	Total
<b>(De)Mobilization/Collection Costs:</b>	<b>6</b>	\$8,700.00
<b>MHSW Costs:</b>	<b>7</b>	\$15,102.62
<b>HST</b>		\$3094.34
<b>Grand Total</b>		\$26,896.96