

# Appendix E: Bid Form Hauling/Transportation, Pre-Resource Recovery & Resource Recovery

Refer to "Instructions to Bidders" and Contract Terms and Conditions before completing this bid form.

### **Hauling/Transportation**

RNB is seeking pricing details based on the following:

- Hauling/transportation capabilities and willingness to service the entire network of collection sites in the province, including remote locations
- Stated preferred regional coverage, if applicable
- Logistics enhancement services, if applicable

- Bidders are committing to their pricing in the Bid Form for the First Service Term of the Contract.
- Bidder pricing for following service terms will be adjusted according to any cost savings commitments contained in the Bidder's proposal.
- The bidder confirms that the prices in this bid have been arrived at independently, without consultation, communication, or engagement with any other Bidder or competitor
- Bidder acknowledges receipt and review of all addenda for this RFP.
- Bidders are allowed to add as many rows to the bid table with various proposed options as required
- There are many possible combinations of inbound material and additional services to be provided. Please be as clear as possible when completing the bid form and Recycle NB will contact Bidders for clarification as required.



# Hauling Services: Examples & Bid Form

Bid	lder				Autho	rized Repres	entative				
Da	te				Signat	ure					
			Zones						Pricing		
#	Geographic Descriptions	Frequency of Service	Estimated # of locations	Estimated Volume of Tires	Monthly Max	Annual Max	SERVICE PROVIDED	Material Types	Specific requirements	Allownace - Non- Eligible Material %	Price (CAD)
1	South  Minicipalities included, boundaries, as needed	Weekly		1,000 T	100 T	1,200 T	Regular - Pick up One-time pick up	PLT and MT Tires without Rims Rims		Rims make up about 20% of weight.	\$125 per inbound Tonne \$145 on rims
2	North										
3	Central										
3	Urban										



#### **Pre-Resource Recovery Activities**

RNB is seeking pricing details based on the following attributes:

- Type of material Bidder is able to receive (e.g., EOL Passenger & Light Truck Tires, pre-shred, MT tires, solid press-on, giant of the road (OTR) tires, polyurethane tires, etc.)
- Clarifications/constraints on receipt of material (e.g., will not accept rims, material must be free of debris, no smaller than 10" or 25cm shred, etc.)
- Daily, Weekly, Monthly & Annual Receipt capacities (i.e., X tonnes per period of time maximum) if applicable
- Type of output material (e.g., rims, tires, bailed tires, Tire Derived Strips and Chunks Shred 6"-10", Tire Derived Strips and Chunks Shred 2"-6", Tire Derived Strips and Chunks Shred 1"-2", bailed tires, etc.)
- Price to RNB on either inbound material or outbound material on a \$\$/unit basis, or \$\$/kg basis, or other pricing approach
- The proposed pricing will be evaluated based on:
  - the type of service offered;
  - the assumed outputs of processing;
  - the assumed service efficiency;
  - o the inbound material assumptions, and;
  - o the assumed material handling and storage efforts.

- Bidders are committing to their pricing in the Bid Form for the First Service Term of the Contract.
- Bidder pricing for following service terms will be adjusted according to any cost savings commitments contained in the Bidder's proposal.
- The bidder confirms that the prices in this bid have been arrived at independently, without consultation, communication, or engagement with any other Bidder or competitor
- Bidder acknowledges receipt and review of all addenda for this RFP.
- Bidders are allowed to add as many rows to the bid table with various proposed options as required
- There are many possible combinations of inbound material and additional services to be provided. Please be as clear as possible when completing the bid form and Recycle NB will contact Bidders for clarification as required.



#### **Resource Recovery Services**

RNB is seeking pricing details based on the following attributes:

- Type of material Bidder is able to receive (e.g., EOL Passenger & Light Truck Tires, pre-shred, MT tires, solid press-on, giant of the road (OTR) tires, polyurethane tires, etc.)
- Clarifications/constraints on receipt of material (e.g., will not accept rims, material must be free of debris, no smaller than 10" or 25cm shred, etc.)
- Daily, Weekly, Monthly & Annual Receipt capacities (i.e., X tonnes per period of time maximum)
- Type of recovered output material (e.g., blasting mats, rubber crumb, mulch, Tire Derived Aggregate, retreaded tires, Tire Derived Fuel, molded rubber products, culled tires, weights for road construction, etc.)
- Output percentage of resource recovery activity for approved purpose
- Output percentage of resource recovery activity for non-approved purposes
- Price to RNB must be on a \$\$/tonne of material output that is for an approved purpose
- The proposed pricing will be evaluated based on\*\*:
  - the type of service offered;
  - the assumed outputs of processing;
  - the assumed resource recovery rate;
  - o the inbound material assumptions, and;
  - o the assumed material handling and storage efforts

- Bidders are committing to their pricing in the Bid Form for the First Service Term of the Contract.
- Bidder pricing for following service terms will be adjusted according to any cost savings commitments contained in the Bidder's proposal.
- The bidder confirms that the prices in this bid have been arrived at independently, without consultation, communication, or engagement with any other Bidder or competitor
- Bidder acknowledges receipt and review of all addenda for this RFP.
- Bidders are allowed to add as many rows to the bid table with various proposed options as required
- There are many possible combinations of inbound material and additional services to be provided. Please be as clear as possible when completing the bid form and Recycle NB will contact Bidders for clarification as required.



## **EXAMPLE A – Providing de-rimming services for PLT and MT tires.**

			Inbound								
#	Inbound Material Type	Inbound Constraints	Daily Max	Weekly Max	Monthly Max	Annual Max	SERVICE PROVIDED	Output Material Types	Eligbile Material %	Non-Eligible Material %	Price (CAD)
1	PLT and MT Tires	Whole PLT and MT Tires with Rims	5 T	25 T	100 T	1,200 T	De-rimming	PLT and MT Tires without Rims Rims	After de- rimming, about 80% of the weight will be tires	Rims make up about 20% of weight.	\$25 per inbound Tonne

# EXAMPLE B – Pre-shred services taking inbound EOL tires and producing rough shred and containerizing in cubic metre totes.

			Inbound								
#	Inbound Material	Inbound	Daily	Weekly	Monthly	Annual	SERVICE	<b>Output Material</b>	Eligbile	Non-Eligible	Price (CAD)
	Туре	Constraints	Max	Max	Max	Max	PROVIDED	Types	Material %	Material %	
1	EOL Tires	NA	20T	100 T	400 T	4,800 T	Pre-Shred	TD Shred & Chunks 6"-10"	95% of output will be rough shred	About 5% of inbound weight will be dirt/debris and non tire related material.	\$75 per outbound 1m <sup>3</sup> tote of shred.



# PRE Resource Recovery Services: Bid Form

Bid	der				Author	ized Repres	entative				
Dat	ce				Signatu	ire					
Con	solidated / Pre-Pro	ocessing Services	5								
			Inbound						Output		
#	Inbound Material Type	Inbound Constraints	Daily Max	Weekly Max	Monthly Max	Annual Max	SERVICE PROVIDED	Recovery Material Types	Eligible Material %	Non-Elegible Material %	Price (CAD)
Add	itional Notes:										



# **Resource Recovery Services: Examples**

### **EXAMPLE 1 – Crumbing plant dealing with only pneumatic tires.**

			Inbo	und	Output A	Output Assumptions/Commitments**				
#	Inbound	Inbound Constraints	Daily Max	Weekly Max	Monthly Max	Annual Max	Recovery	Recovery %	Non-Recovery %	Price (CAD)*
	Material Type						Material Types			
1	EOL	- Cannot receive solid	50 T	200 T	1,000 T	10,000 T	Crumb	67%		\$110 per tonne of
	Pneumatic	tires								outbound Recovery
	Tires	- Cannot receive tires on					Steel	15%		
		rims								
		- Cannot receive tires					Fibre		15%	
		greater than 36"								
		diameter					Waste		3%	

### **EXAMPLE 2 – Blast Mat manufacturer processing only MT tires.**

			Inbo	und			Output As	sumptions/Com	mitments**	
#	Inbound	Inbound Constraints	Daily Max	Weekly Max	Monthly Max	Annual Max	Recovery	Recovery %	Non-Recovery %	Price (CAD)*
	Material Type						Material Types			
1	MT Tires Only	Whole MT tires only	20 T	100 T	500 T	6,000 T	Blast Mats	100%	0%	\$145 per tonne of
										outbound finished product

### **EXAMPLE 3 – Crumbing plant receiving either pre-processed tires or whole tires.**

			Inbo	und			Output A	ssumptions/Com	nmitments**	
#	Inbound	Inbound Constraints	Daily Max	Weekly Max	Monthly Max	Annual Max	Recovery	Recovery %	Non-Recovery %	Price (CAD)*
	Material Type						Material Types			
1	EOL	No solid tires	50 T	200 T	1,000 T	10,000 T	Crumb	70%		\$175 per tonne of
	Pneumatic									outbound approved
	Tires	If shred, no less than 10"					Steel	13%		purpose material
		(25cm)								(Recovery) if tires received
	OR						Fibre		13%	
										\$145 per tonne of
	Pre-shred						Waste		2%	outbound approved
										purpose material
							Cull (Reuse)	2%		(Recovery) if shred
										received.

<sup>\*\*</sup> Pricing is based on stated Output Assumptions/Committments



# **Resource Recovery Services: Bid Form**

Bid	der			A	uthorized Repre	sentative			_	
Dat	e				ignature				-	
esc	urce Recovery	Services								
			Inbo	und			Output A	ssumptions/Cor	nmitments**	
ŧ	Inbound Material Type	Inbound Constraints	Daily Max	Weekly Max	Monthly Max	Annual Max	Recovery Material Types	Recovery %	Non-Recovery %	Price (CAD)*
	_									
· R	NB will evaluat	pricing based on state	d Output Ass	umptions/Com	nmitments					
ddi	tional Notes:									