

NOTICE TO TENDERERS  
TOWN OF DRUMHELLER

**Tender For: Supply and Delivery of 360 litre / 95 U.S gal wheeled carts**

The Town of Drumheller invites Tenders for the Supply and Delivery of 3000, 360 litre Wheeled Solid Waste Collection Carts.

Sealed tenders clearly marked "Wheeled Solid Waste Collection Carts" and addressed to Mr. R.M Romanetz P. Eng., will be received at the office of the Town of Drumheller, 703 2<sup>nd</sup> Avenue West, Drumheller, Alberta, T0J 0Y3, until 2:00 p.m., local time on Thursday, March 25<sup>th</sup>, 2010

The Supply and Delivery shall include the following:

1. Carts supplied as per specifications attached in Schedule "A".
2. Preparation, set up and delivery of 2952 carts to residential sites complete with educational packages.
3. Supply records of confirmation of delivery of carts and educational packages, matching address and serial number of carts.
4. Supply a minimum of four information sessions or open houses at various locations in the Town's Solid Waste Collection areas.
5. Supply references, Commencement & Completion Dates as well as samples of educational packages with completed tender package.
6. Tender Evaluation Criteria attached as schedule B.

Inquiries should be addressed to: Mr. Allan Kendrick  
Director of Infrastructure  
Phone: 403- 823- 1312  
Fax: 403 -823 -8006



# TENDER FORM

Delivery by June 30, 2010

DESCRIPTION	QUANTITY	UNIT RATE	TOTAL
Supply of 360 litre wheeled cart	3,000		
Additional Options (per unit costs)			
RFID Tags	3,000		
RFID Equipment	2		
Delivery and Distribution	2,952		
Mobilization and Education Sessions		Lump Sum	
Total Tender			

Payment Terms: \_\_\_\_\_% if paid in \_\_\_\_\_ days or Net: \_\_\_\_\_ days

\_\_\_\_\_  
Commencement date:

\_\_\_\_\_  
Completion date:

\_\_\_\_\_  
Contractor's Signature

## TENDER EVALUATION CRITERIA Schedule B

The Town of Drumheller will be evaluating the tenders based upon best overall value, as defined by the categories listed below. The tender receiving the highest total score will be considered the best overall value. The selection team will consist of representatives from the Town of Drumheller Engineering Services, Infrastructure Services and the Solid Waste and Recycling Department.

Proposals will be weighted and scored against the following criteria:

Criteria	Maximum Score	Weighting Factor	Subtotal
1. Cost Of Service / Materials / Equipment	10	4	40
2. Compliance With Minimum Service Requirements	10	2	20
3. Quality Of Service/Carts (references)	10	2	20
4. Completeness Of Proposal	10	0.5	5
5. Delivery/Availability	10	1	10
6. Environmental	10	0.5	5

### EVALUATION CRITERIA

#### 1. Cost of Service/Material/Equipment:

The cost of service, materials and equipment will be calculated including purchase cost, maintenance cost, operating costs, estimated life and salvage value. Comparisons as applicable.

#### 2. Compliance with Minimum Service Requirements:

The Town of Drumheller reserves the right to consider variations from the specifications with due regard to their importance. Incomplete bids risk obtaining a lower score. Specifications will be evaluated based upon a demerit point system, where each specification line item which cannot be met will be deducted up to 5 points based upon the impact to the suitability of the quoted unit.

#### 3. Quality of Service/Carts (references)

Established unit productivity under the intended working conditions in the Town application is a factor in the evaluation of bids. Productivity will be determined through contacts with other users of the machines and personal observations as applicable. Consideration will be given to the suitability of machine productivity as applicable to the intended usage. Scoring will be based upon the attached scoring chart.

Clear visibility of moving parts, ergonomic controls, safety features, etc. will be considered in the evaluation. Operators will provide feedback as appropriate, the experiences of other customers will be used and trips to other businesses using similar machines may also be used to provide this information.

Access to service points, reduced service intervals, componentized construction, etc will be considered. Responses clearly providing a maintenance/ repair advantage may receive favorable review. Scoring will be based upon the attached scoring chart.

**Manufacturer:**

The Town's prior experience with the manufacturer or experiences of other users of the unit whose opinion the Town values will be a prime consideration. The number of similar units in service in comparable applications and environments may be considered. Quotations may receive a lower score if the manufacturer / product can be illustrated to have a history of unsatisfactory quality, warranty, warranty response or product support. Responses clearly providing a product quality advantage may receive favorable review. Scoring will be based upon the attached scoring chart.

**Dealer**

The Town's prior experience with the dealer or experiences of other customers whose opinion the Town values will be a prime consideration. Quotations may receive a lower score if the Dealer can be illustrated to have a history of inadequate service, warranty response, or product support. Responses clearly providing a quality service advantage may receive favorable review. Scoring will be based upon the attached scoring chart.

**4. Completeness of Tender**

The Tenderer shall insure that all applicable portions of the tender form are completed, failure to properly complete the tender form will result in point reduction. Scoring will be based upon the attached scoring chart.

**5. Delivery/Availability Requirements**

Timely delivery is important to the proposed contract. The Town may refuse to consider any bid which does not specify the delivery date. Tender responses that do not meet the required delivery schedule may result in a reduced score or automatic bid failure, as applicable. Delivery within 60 days after issuance of purchase order will be awarded full points. Scores will be reduced 5 points per two-week period for quoted delivery beyond 60 days of purchase order issuance. Actual delivery will be compared with quoted delivery to assist with future dealer history evaluations.

**6. Environmental Impact**

The Town values environmentally friendly products. Either the product or the manufacturing process could get favourable consideration if it promotes or enhances environmental friendliness. Scoring will be based upon the attached scoring chart.

### **Tender Evaluation Scoring Chart**

Points will be assigned for each applicable criteria based on the information provided in the quotation response and information gathered from demonstration units and references, as applicable. Points could be modified, depending upon reference checks and other independent information received and confirmed. Scoring shall be awarded on a scale of 0 to 10, and part scores may be awarded. The range is defined as follows:

0	
1	UNACCEPTABLE, does not satisfy the requirements of the criterion in any manner.
2	
3	VERY POOR, addresses some requirements but only minimally.
4	POOR, addresses most of the requirements of the criterion but is lacking in critical areas.
5	MARGINAL, barely meets most of the requirements of the criterion to a minimum acceptable level.
6	SATISFACTORY, average capabilities and performance, meets most of the requirements of the criterion.
7	ABOVE AVERAGE, fully meets all the requirements of the criterion.
8	SUPERIOR, exceeds the requirements of the criterion.
9	
10	EXCEPTIONAL, feature is clearly exceptional to the requirements of the criterion.

## SCHEDULE A

It is the intent of these specifications to describe a 360 Litre / 95 us gallon ~~minimum~~, injection molded, high density polyethylene plastic container with rubber wheels and steel axle, that is of multi system design, easily capable of use with both fully automated arm lift systems and semi-automated American bar-locking lifter.


ITEM	SPECIFICATIONS	Yes	NO	DEVIATION
<b>1</b>	<b>General:</b>			
	A. Carts will be 360 L (95 us gallons) +/-5%			
	B. <b>Dimensions of the carts shall be: Height forty three inches (43) from ground to frontal rim, Width twenty six inches (26) from furthest point left to right side, Depth thirty four inches (34)</b>			
	C. All carts and lids will be Green in color.			
	D. All Carts Shall be new. Carts shall conform to the best practices known to the trade in design, quality, and workmanship.			
	E. The carts shall be manufactured from first quality high-density polyethylene (HDPE).			
	F. The cart bodies and lids shall be manufactured from materials that may be recycled			
	G. Carts must be ANSI Z245.30 and ANSI Z245.60 approved.			
	H. Supplier may be required to provide a sample of finished product, with labels and Town Logo to the Town of Drumheller for representatives to view before the delivery of total shipment.			
	I. The supplier will provide a list of communities that they currently supply to.			
	J. The supplier will provide a history of maintenance, repairs and warranty work.			
	K. Provide a price on spare lids, wheels, axles, and components provided to be able to do minor adjustments and repairs.			

ITEM	SPECIFICATIONS		Yes	NO	DEVIATION
	L.	Ultraviolet stabilizers and other additives will be hot melt compounded into the base material.			
	M.	<b>Metal frames being bolted or riveted are unacceptable</b>			
	N.	<b>Minimum wall thickness of the body shall be no less than 0.175 inch. Weight when empty shall be approximately fifty (50) lbs.</b>			
	O.	Provide a specifications sheet for the waste carts			
<b>2</b>	<b>Lid:</b>				
	A.	The lid will be of such configuration that it will not warp, bend, slump, or distort to such an extent that it no longer fits the container tightly or becomes unserviceable.			
	B.	<b>The lateral movement of the lid when down shall not exceed (1/2") one half of an inch from side to side.</b>			
	C.	<b>The lid shall have an in-molded square structural box section of approximately (15" x 15") fifteen inches by fifteen inches for support.</b>			
	D.	The lids are to open from 110° to 270° and are permanently attached to the container.			
	E.	Each lid will be one-piece construction. Lid design shall be convex to provide drainage off of the lid.			
	F.	The lid shall be constructed such that they continuously overlap the container body so to prevent the inclusion of rainwater, snowmelt, rodents, birds, dogs, and insects, and the emission of odors.			
	G.	Assemblies, and component parts shall be standard and interchangeable throughout the entire quantity of the same type/size containers			
	H.	<b>The lid shall be designed to enable the free and complete flow of refuse from container during dumping cycle.</b>			

ITEM	SPECIFICATIONS		Yes	NO	DEVIATION
	I.	<b>The lid hinge to be supported via approximately (4) four sets of (45) forty-five degree in-molded box section type gussets.</b>			
	J.	<b>The lid shall attach to the body with a full width hinge locked with a full width rod and a single end cap</b>			
	K.	Lid must be free from sharp edges, points, or other structures that could represent a hazard or nuisance.			
	L.	Lid will stay closed in windy condition up to 72 kph (45 mph)			
<b>3</b>	<b>Handle:</b>				
	A.	The handle will be an integrally molded part of the container body and shall not rotate on its own axis.			
	B.	<b>The lid to have (4) four ergonomically designed handles, one left, one right and two at front corners of container lid. (3 1/2") three an half inches long by (1") one inch wide.</b>			
	C.	Each lid shall have two (2) grasping handles with grip openings of sufficient size to accommodate gloved hands			
<b>4</b>	<b>Body:</b>				
	A.	Cart must be able to with stand 200psi of compressive force from the clasp arm.			
	B.	Outside of cart must be free from sharp edges, points, or other structures that could represent a hazard or nuisance.			
	C.	Carts must function, without damage in temperature extremes ranging from -40°C to + 40°C			
	D.	The Cart shall be stable and self-balancing when in an upright position either loaded or empty.			
	E.	The cart must be designed to withstand winds of up to 72 kph (45mph) when empty or loaded, lid open or closed.			
	F.	Provide results from tests relating to performance of stability during wind testing			

ITEM	SPECIFICATIONS		Yes	NO	DEVIATION
G.	The body of the container shall have two molded in wear strips to withstand abrasion and wear associated with street contact during moving, lifting, and replacing. Add on wear pads are not acceptable.				
H.	Inside of cart must be free of crevices, projections and other obstructions where refuse could become entrapped or entangled.				
I.	The cart must be capable of accepting a minimum of 114kg (250lbs)				
J.	<b>The body shall have an in-molded latch bar to prevent leaks and provide 20 year life expectancy. Approximately (1") one inch by (1 1/2") one inch and a half high supported by approximately five (5) structural gussets. The body shall also have a metal bar which could be replaced but this option will not prevent leakage.</b>				
K.	<b>Frontal lip to receive lifting mechanism is to be of an in-molded locking design and be reinforced with in-molded honeycomb support webs. Lower body has in-molded tilting step and in-molded yokes to accommodate axle. Slight conical shape of body to allow for carts to be hoisted in transport. In-molded spacers are provided for easy disassembly at destination.</b>				
L.	<b>The body shall have an in-molded Box section style toe hold approximately (7") seven inches wide by (1 1/4") one inch and one quarter deep, supported with structural angle gussets.</b>				
M.	<b>Use of axle as a portion of the toe hold is unacceptable.</b>				
N.	Non-slip, textured finished on corners for grabber efficiency				

ITEM	SPECIFICATIONS		Yes	NO	DEVIATION
<b>5</b>	<b>Grab Bars:</b>				
	A.	A grab bar, compatible with North American style container tippers will be molded into each container or constructed of tubular steel. Metal grab bars will be constructed of galvanized steel and have a minimum of 2.5cm (1") outside diameter			
<b>6</b>	<b>Wheels:</b>				
	A.	Wheels for the carts: min 30cm (12") diameter and min 5cm (2") tread			
	B.	Each container shall be equipped with 2 wheels compatible to a fully automated collection system, rated for 90kg (200lbs) load per wheel.			
	C.	<b>The axle to be completely enclosed to prevent rust and corrosion</b>			
	D.	Wheel assembly must attach directly to the axle using a tamper resistant fastening method. Wheels must be easily removed with a simple specialized tool to facilitate maintenance.			
	E.	Each container shall have a minimum 23 mm (7/8") diameter cold rolled galvanized steel axle rod. The axle must pass through the container body, outside the refuse area and be attached by means of a molded in axle sleeve.			
	F.	Wheel must be solid, not hollow.			
<b>7</b>	<b>Finish:</b>				
	A.	Interior and exterior surfaces shall be uniform in appearance and free of foreign substances, shrink holes, cracks, blowholes, webs, and other superficial or structural defects that could adversely affect the appearance and performance of the container.			
<b>8</b>	<b>Warranty &amp; Durability:</b>				
	A.	All parts of the container shall be warranted for a minimum period of 10 years in the intended application including resistance to bottom wear and permanent deformation from loading and unloading of solid waste. Provide warranty details and information on the expected life.			

ITEM	SPECIFICATIONS		Yes	NO	DEVIATION
<b>9</b>	<b>Identification:</b>				
	A.	All containers shall be identified with wording hot stamped onto the body of the containers. The contractor will supply, for approval by the Town, detailed artwork of all markings prior to manufacture.			
	B.	<b>Main body of the cart shall have the words "Town of Drumheller" along with the Town Logo molded into it. The logo shall be white and a maximum of 6 inches high x 12 inches wide and on raised imprints. Logo to be supplied upon award of tender.</b>			
	C.	Also include on the lid <b>"Do not use for hot ashes, building materials, dead animals, paints, flammables, or hazardous wastes.</b>			
	D.	<b>Side of the container to have a serial number starting at 2010-0001 hot stamped in white with (1") one inch numbers.</b>			
	E.	Also include on the top of the lid:  <b>To Street</b>			
<b>10</b>	<b>Optional Additional Specifications</b>				
	A.	<b>Radio Frequency Identification device (RFID)</b>			
	B.	<b>Tag must be UHF</b>			
	C.	<b>Antenna and on board computer must be compatible with existing system available in the market.</b>			
	D.	<b>Must be one year warranty</b>			