



Street / Sanitation / Recycling  
705 South River Road  
West Lafayette, IN 47906  
Phone: (765) 775-5242  
Fax: (765) 746-1302

May 4, 2012

The West Lafayette Sanitation Department is requesting sealed bids for one thousand five hundred (1,500) 96-gallon recycling carts and three thousand five hundred (3,500) 48-gallon recycling carts for a total of five thousand (5,000) recycling carts meeting the enclosed specifications.

SEALED BIDS will be received until 8:30 a.m. (local time) on May 29, 2012 at the Office of the Clerk-Treasurer, City Hall, 609 West Navajo St., West Lafayette, IN 47906. Each bidder will submit his bid upon forms provided in the bid packet and enclosed in a sealed envelope marked, "Recycling Carts". At 8:30 a.m., all bids will be taken to the Board of Works meeting to be opened and read aloud in the City Hall Council Chambers, 609 W. Navajo St., West Lafayette, IN 47906.

For a bid to be considered complete, the following items must be submitted:

1. Bid Price Sheet.
2. Specifications Check Sheet, Items #2 through #9 completed.
3. State Form 95 (Revised 1987) with properly executed non-collusion affidavit.
4. Bid bond or cashier's check made out to the City of West Lafayette, Indiana in the amount of 5% of bid price.

Bidder will attach any explanations and/or detail of specifications provided on a separate page(s).



# City of West Lafayette

## BID FORM 2 of 3 BID SPECIFICATONS CHECK SHEET RECYCLING CARTS

1. **INSTRUCTIONS:** The specifications herein describe the **minimum acceptable features** and **performance requirements** for recycling carts the City of West Lafayette will purchase for its citizens. Bidders are to have thoroughly read and understood these specifications prior to bid submission. If any part of an item is not in compliance, an explanation can be provided on a separate sheet with the benefits of that item to the City. It will be up to the purchasers' discretion what items will be termed equal. Bids shall be good for a minimum of 90 days.

Quantities are as follows: 1,500 – 96-gallon containers; 3,500 – 48-gallon containers

Quantities purchased may be spread out over 18 months from date of first order. Minimum order to be 588-96 gallon containers. Initial order may be split between 96 gallon and 48 gallon containers. Quantities requested are estimated and actual number purchased may vary.

Bidders shall place a check mark in the specification column to indicate if the item being bid is exactly as specified. If an item is left blank, the City will assume the bidder cannot meet the specifications and may cause rejection of the bid.

By checking any of the "NO" spaces the bidder states that the product being bid does not conform to that specification. All variations and/or exceptions must be documented, referencing applicable paragraph(s), and explained in detail on a separate page titled "Exceptions". If the City of West Lafayette determines by any means that exceptions exist which were not identified on such list, then that bid will be disqualified as being non-responsive. If no exceptions are taken, it will be assumed that the bid meets all specifications as stated.

Complete the following check sheet items #2 through #9.

Sign and Date on page 8.

2. **MANUFACTURING PROCESSES AND MATERIALS:** Each rollout container shall consist of a body, lid, wheels, axle, and necessary accessories. The plastic resin material and the finished container must meet the minimum specifications herein.

		YES	NO
2.1	<p><b>MANUFACTURING PROCESS:</b> Each container body must be manufactured by the Rotational molding process.</p>		
2.2	<p><b>PLASTIC MATERIAL STRENGTH &amp; ELASTICITY:</b> Base plastic resin must be first quality linear polyethylene supplied by a petrochemical producer.</p> <p>Bidder must submit technical data sheet(s) from the resin producer, which verify that the resin to be used in the container body will meet the following minimum property levels:</p> <p>ESCR - &gt; 1000 hrs  Elongation - &gt; 1000%  Density - 0.937-0.940</p>		
2.3	<p><b>RESIN ADDITIVES:</b> The plastic resin must be enhanced with color pigment and ultraviolet inhibitor, which must be uniformly distributed throughout the finished container. To ensure thorough distribution of these additives, the resin and additives must be mixed in a molten state using a hot-melt compounding process.</p> <p>Bidder must submit a statement certifying that all of the plastic resin and additives will be hot-melt blended.</p>		

3. **CONTAINER REQUIREMENTS:** The rollout containers must be compatible with standard American semi-automated bar-locking lifters (ANSI type B) as well as automated arm lifters (ANSI type G) and function as follows:

		YES	NO
3.1	<p><b>ANSI CONFORMANCE:</b> Containers bid herein must meet the requirements of ANSI Z245.30-2008 and ANSI Z245.60-2008 standards for "Type B/G" containers.</p> <p>Bidder must submit independently certified copies of all ANSI test results with bid. Test results must state load (in pounds) under which tests were conducted. The load under which the tests were conducted must be the same as the load rating stated in all literature and specifications. The ANSI Appendix D test for "Loading and Unloading Test for Carts" must clearly state that the required 520 dump cycles under the cart's full rated load were performed on both a Semi-Automated Cart Lifter <u>and</u> a Fully Automated Grabber Arm.</p>		

		YES	NO
3.2	<p><b>LOAD RATING:</b> Containers must be designed to regularly receive and dump the following pounds of waste materials, excluding the weight of the container, without permanent damage or deformation. The load rating must conform to ANSI Standard Z245.30-2008.</p> <p style="text-align: center;"><b>96 Gallon</b> – 335 pounds minimum <b>48 Gallon</b> – 168 pounds minimum</p> <p>Bidder <b>must submit its normal printed sales brochure</b> which shows the exact product item bid and the corresponding load rating. Bidder must <b>mark the location of the load rating</b> on the brochure. Load rating stated on literature must exactly match all specifications, ANSI certification submitted with bidder's proposal, and the load rating permanently marked on the product.</p> <p style="text-align: center;"><b>96 Gallon:</b> STATE LOAD RATING - _____ pounds <b>48 Gallon:</b> STATE LOAD RATING - _____ pounds</p>		
3.3	<p><b>WEIGHT:</b> The total weight of the fully assembled container shall be as follows:</p> <p style="text-align: center;"><b>96 Gallon</b> – 32 pounds minimum <b>48 Gallon</b> – 21 pounds minimum</p> <p style="text-align: center;">STATE FULLY ASSEMBLED WEIGHT OF EACH SIZE – <b>96 Gallon</b> - _____ pounds <b>48 Gallon</b> - _____ pounds</p>		
3.4	<p><b>CAPACITY:</b> The total capacity of the container body, excluding the lid, must be 96 U.S. gallons and 48 U.S. gallons (+/- 2%). Bidder must include an independent test result according to ANSI Z245.30, Appendix A (Volume Test), certified by an accredited professional engineer, showing the exact capacity of the cart body (to the nearest 0.1 U.S. gallon).</p> <p style="text-align: center;"><b>96 Gallon:</b> STATE BODY CAPACITY - _____ U.S. Gallons <b>48 Gallon:</b> STATE BODY CAPACITY - _____ U.S. Gallons</p>		
3.5	<p><b>DIMENSIONS:</b> The minimum exterior dimensions of the completely assembled containers shall be as follows:</p> <p><b>96 Gallon –</b></p> <p>Height: 43.25"      STATE HEIGHT - _____"</p> <p>Length: 35.25"      STATE LENGTH - _____"</p> <p>Width: 29.75"      STATE WIDTH - _____"</p>		

YES NO

	<p><b>48 Gallon –</b></p> <p>Height: 37.50"      STATE HEIGHT - _____"</p> <p>Length: 28.75"      STATE LENGTH - _____"</p> <p>Width: 23.50"      STATE WIDTH - _____"</p>		
3.6	<p><b>RIM OF BODY:</b> The upper rim of each body must consist of a closed tubular design, similar to square steel tubing, for maximum strength during collection. The rim must also include a ledge on which the lid rests to create a tight seal between body and lid.</p>		
3.7	<p><b>HANDLES:</b> Each container must be equipped with two (2) handles, each a <b>minimum of 1" diameter</b>. The handles and handle mounts must be an integrally molded part of the container body. The handles shall be designed to afford the user positive control of the loaded cart at all times. The handles must not have the ability to rotate on their own axis at any time.</p>		
3.8	<p><b>LID:</b> The lid shall be configured to ensure that it will not warp, bend, slump, or distort to such an extent that it no longer fits the container properly or becomes otherwise unserviceable. The lid must be crowned in shape and designed to disallow entry of rain when in the closed position. The lid must open from a closed position through a full 270° arc. Hinges and lid counter weights are unacceptable. Lid latches are unacceptable.</p>		
3.9	<p><b>BOTTOM:</b> The bottom of the container must have a molded-in wear strip to protect against dragging. Container base must be impact resistant at all points (four corners and the center) of the base for durability. Screw-on, bolt-on, or pop-on wear guards are unacceptable.</p>		
3.10	<p><b>WHEELS:</b> Wheels shall be a minimum 10" diameter and 1.75" wide with knobby treads. Wheels must be capable of supporting 200 pounds per wheel.</p>		
3.11	<p><b>AXLE:</b> The axle must be zinc chromate plated solid high strength steel fully supported by cart body. Axle must slide through two molded-in plastic journals in the cart bottom and must not be exposed to contents inside of container. Each molded-in axle journal must be at least 1" wide. Axles attached by means of bolts or rivets are unacceptable.</p>		

		YES	NO
3.12	STABILITY: Each container shall be stable and self-balancing when in the upright position, either loaded or empty. The container must be designed to withstand winds of up to 25 mph when empty. Containers that require a foot fulcrum to assist in tilting the container are unacceptable.		
3.13	LIFT SYSTEM: Each container shall be equipped with attachment points which make it compatible with standard American semi-automated bar-locking lifters and fully-automated arm lifters. The upper lift point must be integrally molded into the body of the container. The lower lift bar must be designed to withstand over ten (10) years of lifter attachment, and must be 1" diameter galvanized steel. It must freely rotate a full 360° on its own axis. The lower bar must be mounted in molded-in plastic bearings so that it is not exposed to the contents inside the container. The lower bar must be factory installed and cannot be attached by means of rivets, screws, bolts, fasteners, etc. Containers with bolted on lower bars or plastic lower bars are NOT acceptable.		
3.14	NESTABILITY FOR STORAGE: Containers must be designed so that each fully assembled container can be stacked 6 high minimum inside another fully assembled container for maximum efficiency in storage and delivery. Containers that will not nest one inside another when fully assembled are NOT acceptable.		
3.15	COLOR : The container body color shall be a "granite-like" color in the base color of gray. This granite color shall feature a pebble-like finish with multi colors in the surface blending together to create a granite-like visual impression. Surface treatments, spray-on finishes and materials that are not homogenous are not acceptable.  Bidder must submit color chips of all special granite colors available.		
		YES	NO
3.16	LID COLOR –Yellow		

4. **MARKINGS:** Each container must be permanently marked with letters/numbers, as follows:

		YES	NO
4.1	<b>SERIAL NUMBERS:</b> Each container must have a serial number hot stamped in white on the front face of its body. The serial number shall be preceded by a letter or number code which designates the year of manufacture. Serial numbers shall be in sequence beginning with a number designated by the City. The bidder will maintain a file that will identify the date of manufacture by the serial number.		
4.2	<b>CITY BODY MARKING:</b> A City custom logo marking shall be hot stamped onto both sides of the cart body. See attached picture on page 9.		
4.3	<b>CITY BODY MARKING:</b> Property of West Lafayette, IN.		
4.4	<b>USER INSTRUCTIONS:</b> Instructions for the safe use of the container must be molded into each lid. Instructions shall be in both English and Spanish.		
4.5	<b>LOAD RATING:</b> The load rating of the container must be raised-relief molded into the lid. Load rating shall be stated in both pounds and kilograms and in English and Spanish.		
4.6	<b>LID MARKING:</b> Picture of items accepted for recycling shall be molded into the lid.		

5. **EXPERIENCE:**

		YES	NO
5.1	<b>REFERENCES:</b> Bidder must submit with its bid a reference list of municipalities currently using the bidder's products. The list must include at least ten (10) municipalities who currently have at least 20,000 carts in service. Include the name of the municipality, year of installation, contact person, phone number, and quantity for each reference.		

6. **WARRANTY:** Bidder must submit with bid a document which clearly states the exact warranty of the bidder. The warranty must be for no less than ten (10) full years and must specifically provide for no-charge replacement of any component parts which fail in materials or workmanship for a period of ten (10) years after installation. The bidder's warranty is understood to include, whether stated in bidder's warranty or not, the following coverage:

		YES	NO
6.1	Failure of the lid to prevent rain water from entering the container when in the closed position.		
6.2	Damage to the container body, lid, or any component parts through opening or closing the lid.		
6.3	Failure of the lower lift bar from damage during interface with lifters.		
6.4	Failure of the body and lid to maintain their original shape		
6.5	Damage or cracking of the container body through normal operating conditions.		
6.6	Failure of the wheels to provide continuous, easy mobility, as originally designed.		
6.7	Failure of any part to conform to minimum standards as specified herein.		
6.8	If bidder is owned by another business entity, then the owning entity must also accept full financial responsibility for the warranty of the bidder. The bidder must submit with their bid a letter from the owning entity which clearly states its obligation and commitment to honor the warranty of the bidder, should the bidder ever be in a position to not do so. Such letter shall be signed by the owning entity's top officer and notarized.		
6.9	Warranty specimen of exact warranty offered must be included with proposal.		

7. **PRICE ADJUSTMENTS:**

		YES	NO
7.1	Offered prices shall be firm for the initial 90 days of the contract period. After the initial 90 days, the successful Bidder will review pricing each 90 days thereafter. Any proposed adjustments in pricing are to be based on Chemical Data and/or Plastic News indices, which will be provided to the customer upon request. Contract extensions will be based on a mutual written agreement between the Contractor and the Customer.		

8. **LEGAL OR ADMINISTRATIVE SETTLEMENTS:** The manufacturer of the cart must submit the name, contact name and telephone number for each government or agency with which it has had a legal or administrative settlement of warranty, cart failure claims or contract performance within the last ten (10) years including ongoing negotiations of settlement. Include a brief summary of the settlement or indicate if a "gag order" was imposed, and by whom it was ordered. This information must be provided on a separate page entitled "Legal or Administrative Settlements."

9. **OPTIONAL DELIVERY:**

		YES	NO
9.1	1/3 assembled.		

Bidder: \_\_\_\_\_  
Company

Signature: \_\_\_\_\_ Title: \_\_\_\_\_  
Name

Date: \_\_\_\_\_



Illustration of Recycling Cart Bid Specification 4.2 5/4/12

# BID, OFFER OR PROPOSAL FOR SALE OR LEASE OF MATERIALS

Bid Form 3 of 3

(Defined at I.C. 36-1-2-9.5)  
(Please type or print)

- Date: \_\_\_\_\_
1. Governmental Unit: CITY OF WEST LAFAYETTE
  2. County: TIPPECANOE
  3. Bidder (Firm): \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City/State: \_\_\_\_\_
  4. Telephone Number: \_\_\_\_\_
  5. Agent of Bidder (if applicable): \_\_\_\_\_

Pursuant to notices given, the undersigned offers bid(s) to City of West Lafayette (Governmental Unit) in accordance with the following attachment(s) which specify the class or item number or description, quantity, unit, unit price and total amount.

The contract will be awarded by classes or items, in accordance with specifications. Any changes or alterations in the items specified will render such bid void as to that class or item. Bidder promises that he has not offered nor received a less price than the price stated in his bid for the materials included in said bid. Bidder further agrees that he will not withdraw his bid from the office in which it is filed. A certified check or bond shall be filed with each bid if required, and liability for breach shall be enforceable upon the contract, the bond or certified check or both as the case may be.

\_\_\_\_\_  
Signature of Bidder or Agent

## BID OFFER OR PROPOSAL

Attach separate sheet listing each item bid based on specifications published by governing body. Following is an example of the bid format: **REFER TO BID PRICE SHEET**

Class or Item	Quantity	Unit	Description	Unit Price	Amount

## NON-COLLUSION AFFIDAVIT

STATE OF INDIANA )  
 \_\_\_\_\_ )  
 COUNTY )      ss:

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale.

\_\_\_\_\_  
Bidder (Firm)

\_\_\_\_\_  
Signature of Bidder or Agent

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

My commission Expires: \_\_\_\_\_

County of Residence: \_\_\_\_\_

\_\_\_\_\_  
Notary Public

## ACCEPTANCE

There now being sufficient unobligated appropriated funds available, the contracting authority of \_\_\_\_\_ (Governmental Unit) hereby accepts the terms of the attached bid for classes or items numbered \_\_\_\_\_ and promises to pay the undersigned bidder upon delivery the price quoted for the materials stipulated in said bid.

Contracting Authority Members: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



## **NOTICE TO BIDDERS**

### **Recycling Carts**

Notice is hereby given that the Board of Public Works and Safety of the City of West Lafayette, Indiana will receive sealed bids until the hour of 8:30 a.m. (local time) on May 29, 2012, at the Office of the Clerk-Treasurer, City Hall, 609 W. Navajo St., West Lafayette, IN 47906 for five thousand (5,000) recycling carts, as per specifications. After said time, all bids will be taken to the City Hall Council Chambers and there will be publicly opened and read aloud. Bids received after said time will be returned unopened. No oral, telegraph, facsimile, or telephone bids or changes to bids will be considered.

Specifications and bid forms are available on the City website at [www.westlafayette.in.gov](http://www.westlafayette.in.gov), at the Street Dept., 705 S. River Rd., West Lafayette, phone 775-5242, or at the Office of the Clerk-Treasurer.

Each bidder will submit his bid upon forms provided in the bid packet and enclosed in a sealed envelope marked, "Recycling Carts."

The bid must be accompanied by a bidders bond or certified check of not less than 5% of the total bid made in favor of the City of West Lafayette, Indiana

The Board of Public Works and Safety expressly reserves the right to reject any or all bids and waive irregularities of bidding.

BOARD OF PUBLIC WORKS AND SAFETY  
JUDITH C. RHODES  
CLERK-TREASURER

PUBLISH: May 11, 2012, and May 18, 2012