

**BID C12002
2/13/12 at 3:00 PM**

**SPECIFICATIONS
FOR
96-GALLON UNIVERSAL SOLID WASTE REFUSE CONTAINERS**

GENERAL CONDITIONS:

The specifications herein describe the minimum acceptable features and performance requirements for mobile solid waste containers to be purchased by the City of Little Rock. Bidders are to thoroughly read and understand prior to submittal of bid all conditions outlined in these specifications. Submittal of bid indicates that bidder meets, or exceeds, all conditions of these specifications. Only carts manufactured through the injection molding or rotational molding processes will be acceptable provided that the plastic resin material and finished containers meet the following specifications. Bid pricing will include purchase price of new, unused containers; delivery to City specified location; loading and unloading of carts; and complete assembly of containers.

PLASTIC MATERIAL:

Containers and lids must be made with a minimum of 20% post-consumer resin. Virgin resin must be high quality, high-density polyethylene (HDPE) material or medium-density polyethylene (MDPE) material only. Resin materials to be supplied by a national petrochemical supplier. Bidder must submit a letter with bid as to their resin supplier and the percentage of post-consumer content used. Containers will be manufactured with at least 30 pounds of resin weight. Weight of all hardware, wheels, and axles will not be included in the 30-pound minimum.

COLORIZATION & ULTRAVIOLET STABILIZATION:

Container shall be colored as selected by the City. Color pigments shall be dispersed into the resin, prior to molding, in order to obtain a uniform distribution throughout the finished container. Container shall be protected from color fading and stabilized against ultraviolet rays by an additive of at least 2% of resin by weight.

CAPACITY:

Container shall be rated for at least 96-gallon capacity when full, excluding additional volume achieved by the domed lid in the closed position.

DIMENSIONS:

The following dimensions will be minimums required on a completely assembled container:

| | |
|--------|-----|
| Height | 43" |
| Width | 28" |
| Depth | 32" |

WEIGHT:

A fully assembled container shall weigh at least 35 pounds but not exceed 47 pounds in weight.

INTERIOR/EXTERIOR CONSTRUCTION:

Exterior surfaces shall be smooth and free from crevices, recesses, projections, and other obstructions that could entrap or entangle refuse. All interior surfaces shall likewise be smooth and free from similar obstructions so that contents can be easily and completely dumped during collection operation.

LIDS:

Each container shall be equipped with a hinged lid that is able to rotate open freely to 270 degrees such that the open lid can rest against the back of the container body during normal dumping operations. Lids shall fit the container so that the contents are completely inaccessible to water, insects, rodents, birds, and other vectors when in the closed position. The lid shall be manufactured in such a manner that it will not warp, bend, slump, or distort to such a degree that it no longer fits the container properly or otherwise becomes unserviceable.

WHEELS/AXLES:

Axles shall be 3/4" minimum solid steel. Carts shall come with 10" blow molded, snap-on wheels. All axles shall be zinc-plated to eliminate rust and corrosion. Load capacity will be at least 200 pounds per wheel.

HANGLES:

Each cart will be equipped with a handle, or handles, so that the gripping area is easily accessible for citizens and collection personnel.

STABILITY:

To insure that carts remain upright during normal weather conditions, containers will be rated to withstand 35 mile an hour winds when empty.

ABRASION PROTECTION:

Container will be manufactured to withstand dragging on streets and driveways, as well as normal abrasion caused by collection operation.

MARKINGS:

All carts will have the City's name hot molded or stamped into the lid and/or body of the container. Embossed onto each side of body will be 4", white, Little Rock logos. Serial numbers will be embossed in white letters onto the body of the container of sufficient size and location as to be visible from the street. Serial numbers will be a combination of letters and numerals, of up to 7 characters, which will be determined at time of bid award. The following instructions will be molded into the lid of each container:

DO

- Rinse with water occasionally
- Keep lid closed on container
- Place container at least 5 feet from obstructions
- Remove cart after collection

DO NOT

- Place hot ashes, charcoal, or other hot materials in container
- Place paint, solvents, or other flammables in cart
- Drag cart

Emboss onto lid standard instructions as to how to place container in relation to street to insure for proper collection.

DUMPING:

The cart shall be of universal construction to compatible with both semi-automated and fully automated collection systems. For semi-automated collection the body shall be equipped with attachment points to be operable with standard American semi-automated bar locking lifters. The container shall be capable of being engaged by the lifting device without requiring the container to be manually lifted by collection personnel.

WARRANTY:

All carts and components will be warranted for no less than 10 full years, from purchase date, all materials and workmanship. Warranty will include replacement of failed parts and freight to ship in replacement components. Manufacturer must submit with a bid a copy of warranty.

VARIANCES:

Any variance to these specifications will have to be submitted on a separate sheet detailing the itemized exceptions along with an explanation of the deviation. Failure to submit exceptions in writing will result in disqualification of bid. City of Little Rock will be sole determiner in deciding whether exceptions are material or not in awarding bid. If exceptions are held to be material in scope, then bid will be disqualified.

SAMPLES:

The City may request a sample of any, or all, manufacturers in making bid award. Any bidder being requested to supply a sample must do so at their expense and have sample delivered within 10 days of request. Failure to provide a sample within this time frame will result in disqualification of bid.

CONCLUSION:

Any questions concerning these bid specifications may be directed to:

Warren Atkins
Solid Waste Services Manager
(501) 888-4581