

INVITATION TO BID

The Town of Newington will accept bids for the purchase and distribution of automated recycling containers of approximately 95, 65 & 35 gallon capacity. All bids must be submitted in accordance with Town specifications and on forms supplied by the Town. Bid forms and specifications are available in the office of the Town Manager, 131 Cedar Street, Newington, CT 06111 and at www.newingtonct.gov, in the Doing Business, Current Bids section. Sealed bids will be received until 2:30 p.m. on March 5, 2010. The Town of Newington reserves the right to reject any or all bids.

John Salomone
Town Manager

Bid No. 8, 2009-10

TOWN OF NEWINGTON

PURCHASE AND DISTRIBUTION OF AUTOMATED RECYCLING CONTAINERS

GENERAL REQUIREMENTS

1. INTENT

It is the intent of the Town of Newington to select a Contractor for the purchase, delivery and distribution of approximately 10,550 automated recycling containers of various sizes to dwelling units throughout the Town for the purpose of transitioning the Town's recycling program to automated collection. The majority of these containers will be of the 95 gallon size. The aforementioned amount is an estimate, exact quantities may vary.

2. BID PROCEDURES

All bids shall be submitted on forms provided by the Town of Newington and addressed to the Town Manager's Office, Town Hall, 131 Cedar Street, Newington, CT 06111. Bids will be opened publicly at 2:30 p.m. on March 5, 2010. Sealed bid envelopes should be clearly labeled "Bid No. 8, 2009-10 "Purchase and Distribution of Automated Recycling Containers".

The Town reserves the right to waive informalities or reject any or all bids when such action is deemed in the best interests of the Town. The Town reserves the right to delete such items as it deems necessary from these proposals. The Town further reserves the right to reject the bid from any firm who is more than thirty days delinquent on payment of money due the Town.

3. INQUIRIES AND ADDENDA

Any questions regarding this bid shall be addressed to Tom Molloy, Superintendent of Highway Department or Robert Hillman, Assistant Highway Superintendent, 131 Cedar Street, Newington, CT 06111, telephone (860) 667-5810, between 7:00 am and 3:30 pm, Monday through Friday. Questions shall be presented by the close of business on March 2, 2010 in order to allow sufficient time for the preparation and posting of addenda on the Town's website, <http://www.newingtonct.gov> in the Doing Business, Current Bids section. All bidders are responsible for monitoring the Town's website to determine the existence and content of any addenda issued for this bid. No addenda shall be posted by the Town within 48 hours of the bid opening.

4. DELIVERY

Delivery shall be made to the Highway/Sanitation Department, 281 Milk Lane, Newington, CT 06111. Any and all shipping and handling costs shall be included in the bid price. All shipments shall be FOB Newington. The Town shall inspect the containers upon arrival and shall notify the Contractor promptly of any obvious defects or damage from transport and delivery.

5. NONDISCRIMINATION

The Contractor shall agree and warrant that it will not discriminate or permit discrimination against any person or group of persons on the grounds of sex, race, color religion, age, marital status, ancestry, national origin, past history of mental disorder, mental retardation or physical disability or other basis in any manner prohibited by the laws of the United States, the State of Connecticut, or the Town of Newington.

6. AWARD

The amount bid shall be the cost per automated recycling container shipped, assembled and distributed in accordance with these specifications, for each of the three sizes of container identified. The estimated number of each size of container that will be purchased by the Town is included on the Bid Form. The Town will multiply the dollar amount on the Bid Form times the anticipated number of containers for each size. It is the intent of the Town to award this bid to the bidder with the lowest total for these three combined items, so long as the bid amount does not exceed the funds available. There are also a number of deduct Alternate Bid items. If the amount of the Base Bid exceeds the funds available, one or more of these amounts will be deducted from the cost per container. The Town reserves the right to award to the bidder whose combination of Base Bid and Alternate Bid item or items best meets the needs of the Town.

7. QUANTITIES

The number for each of the three sizes of containers that the Town expects to order is an estimate. The actual quantity ordered by the Town may vary for each size container. The cost per container bid shall be the amount invoiced for the Town's initial order unless the quantity for that sized bin changes by more than 30% from the quantity identified on the Bid Form. The Town does not guaranty the purchase of any minimum or maximum number of any sized bin.

8. ADDITIONAL CONTAINERS

In the event that additional containers are needed, either at the time of initial distribution or in the future, the Town shall be charged the Alternate One prices per container for the quantity ordered. These prices shall be valid for a minimum period of one year from the bid opening date. Delivery of such containers shall be within 14 days following receipt of order by the Contractor. Delivery shall be made to the Newington Highway Garage, 281 Milk Lane, Newington, CT 06111. Additional bins shall be delivered with only wheel and axle assembly required. Lids and all other components (RFID tags, etc.) shall be assembled and fully functional. The numbers that shall be hot stamped on each container shall be identified by the Town at the time of order.

9. INSURANCE

The Contractor shall furnish a certificate of insurance to the Town Manager for the following insurance coverage within ten (10) days from contract execution. All insurance coverage shall be written with an insurance company licensed to conduct business in the State of Connecticut. Insurance coverage shall remain in full force for the duration of the contract term including any and all extensions. Such certificate of insurance shall specify that the Town of Newington will receive thirty (30) days notice of any cancellation, non-renewal or reduction in coverage and limits originally provided.

1. Commercial General Liability including Premises-Operations, Independent Contractors, Blanket Contractual, Products and Completed Operations:
 \$1,000,000 Each Occurrence
 \$1,000,000 Aggregate
 Combined Single Limit for personal injury or property damage or both combined.
 Such policy shall name the Town as additional insured.
2. Comprehensive Automobile Liability covering owned, non-owned, hired or leased vehicles.
 \$1,000,000 Each Accident
 Combined Single Limit for bodily injury or property damage or both combined.
3. Workers Compensation Insurance in accordance with Connecticut State Statutes.
 Employers Liability Limit - \$100,000.

10. STORAGE AND ASSEMBLY

Once the containers purchased by the Town have been delivered to the Newington Highway Garage, they will be stored outside. Space will be made available, outside the Highway Garage, for the Contractor to complete assembly of the containers. At no time shall the Contractor or its employees block traffic or hinder the access to any building or storage area to public safety personnel. Upon receipt and acceptance by the Town, the Town of Newington will accept ownership of the containers and shall be responsible for loss due to storage conditions, weather, vandalism, etc. The Contractor shall verify that each container is in acceptable condition and free of defects prior to distribution. Once containers are distributed, they shall be subject to the Warranty provisions of the Specification section. In the event that the Town selects the deduct Alternate item to have assembly provided by others, the containers shall be delivered with handle and lids completely assembled and installed, so that upon receipt by the Town, only the axles, wheels and front catch bar shall require assembly and installation.

TOWN OF NEWINGTON

PURCHASE AND DISTRIBUTION OF AUTOMATED RECYCLING CONTAINERS

SPECIFICATIONS

COMPLIES

Yes No

General Container

- The Contractor shall provide at no cost to the Town one (1) container of each size for inspection prior to awarding bid. All containers shall be complete as per bid specifications including Town seals, logos, serial numbers and RFID tags.
- The two wheeled collection container shall be designed to contain recyclable material.
- The container body and lid shall be injection molded.
- The container shall be provided with adequate wheels and handle so it may be pushed or pulled with ease.
- The container shall be designed so it may be lifted by a side or rear loading automated recycling packer and it's contents emptied into said vehicle.
- The container shall meet all safety requirements as set forth in ANSI Waste Container Safety Requirements (Z245.30.2008)
- The container shall be designed to prevent being knocked over by winds up to 30 mph and must not overturn when the lid is thrown fully open.
- The Contractor shall provide a list of any common household chemicals that may be harmful to the container.

Material

- The body and lid shall be composed of a high density polyethylene resin and shall be formed using only first quality high density polyethylene from a nationally recognized brand supplier, i.e. Exxon, Phillips Petroleum, etc. Polyethylene resin shall be one hundred percent (100%) virgin material and cannot include any recycled, regenerated, off specification or wide-specification materials. Non-recyclable material such as cross-linked polyethylene will not be accepted.

COMPLIES

Yes No

Container Body

- ___ ___ The approximate capacity of the containers shall be a minimum of either ninety-five (95) gallons, sixty-five (65) gallons or thirty-five (35) gallons. The containers shall be capable of handling a minimum of 335, 225 and 120 pounds respectively, excluding the weight of the container.
- ___ ___ The minimum acceptable wall thickness for the body and container bottom shall be as follows: 95 gallon, 0.155” for walls and bottom; 65 gallon, 0.175” for walls and 0.200” for bottom; and 35 gallon, 0.145” for walls and 0.150” for bottom.
- ___ ___ The body walls shall have a slight taper, wider at the opening to facilitate emptying.
- ___ ___ There shall be a “wear strip” molded around the perimeter of the bottom of the container which shall be consistent with the molded material of the container to absorb impact from container handling. Add on “pads” which require maintenance and replacement are not acceptable.
- ___ ___ A lift pocket molded into the front of the container shall be the only acceptable method of upper attachment to the collection vehicle’s dumping system. Metal pick-up bars and bolted metal frames will not be accepted.
- ___ ___ The container shall be fitted with a freely rotating, corrosive resistant lower lock bar, a minimum of ¾” thick, which shall be mounted to the container through holes mounted into the body of container. Fasteners will not be acceptable for securing the locking bar to container.
- ___ ___ The top of the container shall have a reinforced rim where the lid may be closed on an even surface to prevent moisture and vectors from entering the container.
- ___ ___ Minimum dimensions of cart:
95 gallon H 46” (± 2”), W 26” (± 2”), D33” (± 2”)
65 gallon H 42” (± 2”), W 25” (± 2”), D26” (± 2”)
35 gallon H 37” (± 2”), W 18” (± 2”), D23” (± 2”)

Color

- ___ ___ The color shall be dark blue, such as Pepsi blue, consistent with the color of Newington’s 14 gallon recycling containers currently in use.. A color sample shall be included with bid. The lid shall be the same color as the container.
- ___ ___ All plastic parts shall be color fast so that the plastic does not alter appreciably in normal use. Containers will have no less than one half of one percent (0.50%) pigments by weight.
- ___ ___ The container shall be protected from ultraviolet light with an additive to be no less than one percent (1.0%) by weight.

COMPLIES

Yes No

Wheels and axles

___ ___ The complete wheel assembly shall be 12” in diameter (10” for 35 gallon). The assembly shall consist of an injection molded wheel, approximately 1-3/4” in width molded onto a hub and a rubber like friction surface imbedded in the wheel to facilitate traction while maneuvering.

___ ___ Wheels shall attach securely to the axle by means of self locking hubs that snap on to corresponding grooves on the axle. Wheel assemblies using speed nuts and or cotter pins will not be accepted.

___ ___ The axle must be at least 3/4” in diameter, steel construction, plated to protect against corrosion, and shall be mounted in the cart body through axle holes molded into the container body.

___ ___ Wheel spacers shall be an integrally molded-on part of each hub.

___ ___ There shall be a molded recess point where the foot may be placed on the axle to provide leverage for maneuvering heavy loads.

Lid

___ ___ The lid shall be of one piece construction and injection molded from the same material as the container body.

___ ___ The lid shall be the same color as the container.

___ ___ The lid shall be domed to insure water run-off. No metal hinges will be accepted.

___ ___ The lid must be permanently attached to the body with hinge points which shall be constructed from the same material as the lid and body of container.

___ ___ Minimum thickness of the lid material shall be .120” inch.

___ ___ The lid shall be held closed by it’s own weight. Lid latches will not be accepted.

___ ___ The lid must incorporate a molded handle that spans the entire front of lid, so the lid may be opened without coming in contact with the bottom edge of the lid.

Handle

___ ___ Push, pull handles shall be molded as a part of the body and shall span the entire back of the container.

___ ___ Handles shall be a minimum of one (1) inch thick. PVC pipe or bolted on handles are not acceptable.

COMPLIES

Yes No

Lid Markings

___ ___ The outside top of the lid shall contain a permanent full color inlaid mold instruction label provided by the Contractor and agreed upon by the Town. The image shall not fade, discolor, or disfigure and shall not peel or wear off under normal use.

___ ___ The lid shall also be hot stamped in white (2 arrows) with the words “ARROWS TOWARD STREET” to ensure proper placement at curbside.

Container Body Markings

___ ___ The right side of container shall be hot stamped with the white Town seal (8”). The Town will provide this seal to the Contractor electronically upon award.

___ ___ The left side of the container shall be hot stamped with a white “Newington Ned” recycling seal (8”). The Town will provide this seal electronically to the Contractor upon award of the contract.

___ ___ The serial number and radio frequency identification (RFID) tags shall be located on the container in an area that can easily be read by an electronic scanner and will not be damaged by automated pick up arms.

___ ___ The eleven digit serial number of the container shall be hot stamped in 1” white numbers in a sequence that follows:

1st four digits - Year of manufacturing followed by the container size followed by a space

Last seven digits – sequential serial number beginning with 0000001

Example:1095 0000001

Assembly and Delivery

___ ___ Contractor shall supply all necessary labor for final assembly upon delivery.

___ ___ Bidders shall provide on the Bid Form the total count of individual parts that combine to make up the cart being offered in this proposal (including every individual molded part, wheel, spacer, bolt washer, etc).

___ ___ Bidders shall attach a list identifying each of the parts used in the cart, show total quantities of each of the individual parts, and provide a list confirming replacement parts pricing for each part. Replacement part prices are to be firm for the duration of the contract.

___ ___ Delivery shall be made the Newington Highway Garage, 281 Milk Lane Newington, CT 06111. Delivery of total quantity ordered shall be made to the Newington Highway Department within 60 calendar days from the date of the Town’s purchase order. Contractor will be fined \$100.00 per calendar day for late delivery on all or any part of the initial order placed by the Town.

COMPLIES

Yes No

Distribution

___ ___ A recycling information packet shall be zip tied in weather proof packaging by the Contractor to the top container handle. An original of the container literature, anticipated to be one page in length, shall be provided to the Contractor electronically following award. Container literature for the packet shall be printed and assembled (placed in weatherproof bags that are zip tied to the top container handle) by the Contractor. All containers shall have such literature attached.

___ ___ The Contractor shall be responsible for distribution of fully assembled containers within 81 calendar days following the date of the Town’s initial purchase order. The Contractor will be fined \$100.00 per calendar day for late distribution on all or any part of the initial order placed by the Town.

The Contractor will be provided with a list of approved addresses from the Town along with a corresponding map. The Town will identify the size or sizes of container(s) that shall be delivered to each approved address.

___ ___ The Contractor shall provide the Town all the delivered container serial numbers with the corresponding address to which they were delivered on an Excel spreadsheet whose format will be provided by the Town.

___ ___ The Contractor shall provide the Town daily during the distribution period with a list of distributed container locations.

Warranty

___ ___ The container lids, wheels, axles and all necessary hardware shall be covered by a ten (10) year warranty. Any component part which fails to perform as originally designed, whether caused by material failure or workmanship, shall be replaced at no charge to the Town, shipping included.

___ ___ During the ten year warranty period any container deemed to be defective by the Town, whether caused by material failure or workmanship, shall be replaced at no charge to the Town, shipping included.

___ ___ Warranty includes, but is not limited to, one (1) or more factors listed below:

A) Failure of the lid to prevent rainwater from entering the container when lid is closed on the container body.

B) Damage to the container body, the lid, or any component parts through opening or closing the lid.

C) Failure of the lid hinge to remain fully functional and continuously hold lid in the originally designed and intended position when either open or closed.

D) Failure of any metal components to remain free of excessive red rust and corrosion, to be determined by Town.

E) Failure of any plastic component to be resistant to damage in the event of contact with any common household residential product/chemicals other than those listed by the Contractor.

F) Failure of any portion of the bottom of the container body to remain impervious to wear-through despite repeated contact with abrasive surfaces. If at any time during the ten year warranty period any container bottom becomes worn through or fractures due to normal wear and tear, or develops holes so that it leaks when filled with water, such container body shall be replaced in its entirety and without charge under the warranty.

G) Failure of the container body, lid, hardware or any component parts to maintain their original shape.

H) Failure of the wheels to provide continuous, easy mobility as originally designed or intended.

I) Failure of mechanism holding wheels on axles.

J) Failure of any container, container body, lid, wheels, or other component part to conform to minimum standards specified herein.

K) Bleaching or other failure to maintain the standard color ordered by the Town.

TOWN OF NEWINGTON
PURCHASE AND DISTRIBUTION OF AUTOMATED RECYCLING CONTAINERS
BID FORM

Town Manager
Town of Newington
131 Cedar Street
Newington, CT 06111

In accordance with the specifications, the undersigned hereby submits the following bid for the purchase, delivery to the Newington Highway Garage, and Town-wide distribution of recycling containers for the Town's automated recycling collection program:

Base Bid

8,000 95 gallon containers \$ _____ each

2,000 65 gallon containers \$ _____ each

550 35 gallon containers \$ _____ each

Add Alternate One

Additional/replacement containers

95 gallon containers \$ _____ each

65 gallon containers \$ _____ each

35 gallon containers \$ _____ each

Deduct Alternate Two

Containers without the in-mold label installed, deduct \$ _____ per container

Deduct Alternate Three

Containers without the RFID tag installed, deduct \$ _____ per container

Deduct Alternate Four

Containers with assembly after delivery, Town wide distribution, and serial number/RFID/
address distribution documentation completed by others,

deduct \$ _____ per container

The total number of individual parts in each cart is _____.

A color sample is included with this bid. The undersigned is submitting this bid without
collusion with any other individual or corporation.

SUBMITTED FOR

SUBMITTED BY

Firm: _____

Signature: _____

Address: _____

Name: _____

Title: _____

Telephone: _____