

INVITATION TO BID
CITY OF SPRINGFIELD
BID 1010

The City of Springfield Public Works Department will be accepting bids for the following:

**REFUSE CARTS, 96 GALLON, ROTATIONAL MOLDED, WHEELED REFUSE
CONTAINERS**

**Call Allan S. Ellis, PE, Director of Public Works, at 615-384-2746 for complete bid
information and instructions. Bids must be received in the Office of the City Recorder (405
N. Main St., Springfield, TN 37172) by 2:15 PM, local time, Wednesday, February 1, 2017.**

The City of Springfield reserves the right to reject any and all bids.

**Lisa Crockett
City Recorder**



CITY OF SPRINGFIELD

Public Works Department

Street • Sanitation • Vehicle Maintenance • Storm Water

2809 Clinard Drive • Springfield, TN 37172

Telephone (615) 384-2746 • Fax (615) 382-2205

BID #1010

Page 1 of 3

INVITATION:

The City of Springfield is requesting bids for 96 Gallon, Rotational Molded, Wheeled Refuse Container to be utilized in the Public Works Department, Sanitation Division.

CONDITIONS:

Units offered under this advertisement shall be new, standard production models of the latest design in current production.

Materials shall be of good commercial quality for the intended service and shall be produced by use of current manufacturing processes. Material shall be treated to resist rust, corrosion, and wear.

Bidders must submit with their bid a thorough and concise Warranty on the proposed equipment, printed specifications and advertising literature on the unit they propose to furnish.

The bidder shall list on a separate sheet of paper any variations from, or exceptions to, the conditions and specifications of this bid. This sheet shall be labeled "Exception(s) to Bid Conditions and Specifications," and shall be attached to the bid.

The price or prices quoted shall include all transportation charges fully prepaid to City of Springfield, Public Works Department, 2809 Clinard Drive, Springfield, Tennessee 37172.

The City of Springfield reserves the right to extend this purchase price for an additional twelve (12) months after the date of approval by the Board of Mayor and Aldermen with the mutual consent of both parties.

All quoted prices must be valid for 90 days after the date of the bid opening.

Bidder agrees to deliver carts to Purchaser's facility within the following time period:

30 Calendar Days from date of Purchase Order



Awards will be made to the lowest responsible bidder. The quality of the articles to be supplied, their conformity with the specifications, their suitability to requirements, delivery terms and guarantee clauses shall be taken into consideration. Guarantee Clauses: Clauses requiring specific guarantees to cover parts delivery, parts repair, total repairs and resale value may be included.

The purchaser reserves the right to reject any or all bids, to waive any informality in bids, to accept in whole or in part such bid or bids as may be deemed to the best interest of the purchaser.

BID #1010

BID OPENING

Feb. 1, 2017, 2:15 PM

| Description | Quantity | Price | Total |
|-------------|----------|-------|-------|
|-------------|----------|-------|-------|

**96 GALLON, ROTATIONAL
MOLDED, REFUSE
CONTAINER (Wheeled)
Per specifications**

310 per Each _____

Note: City of Springfield reserves the right to reject any and all bids.

Respectfully submitted,

(Signature Bidder)

(Date)

(Company)

(Phone)

(Address)

(Fax)

(email)

Specifications for 96+/- Gallon Wheeled Refuse Container

SCOPE: These specifications will describe a plastic 96 gallon, rotational molded, wheeled refuse container to be compatible with the City's automated and semi-automated refuse collection system.

I. DESIGN SPECIFICATIONS:

A. General: Container body shall be manufactured **by the advanced Rotational Molding Method**. Containers shall be compatible with Type B (American semi-automated bar locking lifters) and Type G (Automated arm lifters.) The containers must meet these minimum specifications:

1. Plastic Material: All plastic material must be 100% recyclable and repairable. Base plastic resin must be first quality linear density polyethylene supplied by a national petrochemical producer. Bidder must submit original technical data sheets from the resin producer which verify that the resin to be used in the container body and lid will meet the following minimum levels:

| <u>RESIN PROPERTY RANGE</u> | <u>TEST METHOD</u> | <u>UNITS</u> | <u>ACCEPTABLE VALUE</u> |
|---------------------------------------|--------------------|--------------|-------------------------|
| Density | ASTM D-4883 | kg/c.m. | .0937 - .0940 |
| | D-1505 | g/cu.cm | .0937 - .0940 |
| Elongation | ASTM D-638 | % | ≥ 1000 |
| Environmental Stress Crack Resistance | ASTM-D | | 1693(B) hrs |

2. Resin Additives:

a. The plastic resin must be enhanced with color pigment and ultra-violet inhibitor which must be uniformly distributed throughout the finished container. To ensure thorough, uniform distribution of these additives, the resin and additives must be mixed in a molten state using a hot melt compounding process.

b. Bidder must submit a statement that all of the plastic resin and additive will be hot-melt blended. Color pigment must be compounded at a minimum concentration of 1.5%, by weight. Ultra-violet inhibitors must be compounded at a minimum concentration of 0.5%, by weight.

B. Container Body:

1. The container lip shall have a reinforced, self-aligning, rain/insect-proof top rim to minimize warpage.
2. The container bottom shall have thick, wear ribs molded into the container to prevent excessive wear. Screw-on, bolt-on, or pop-on pads are not acceptable.
3. Container body shall have a handle molded as an integral part of the container body, not the container lid. Bolted-on handle mounts or handles are not acceptable.
4. Container shall utilize a molded-in, sealed stop bar sleeves with 1" diameter rotating steel stop bar. Plastic stop bars are not acceptable. Stop bar must not be exposed to the garbage.

C. Capacity: Container shall have a minimum capacity of 96 gallons. Bidder must include an independent test result, certified by an accredited professional engineer, showing the exact capacity of the cart body to the nearest 0.1 U.S. gallon.

(BODY CAPACITY, EXCLUDING LID – _____ U.S. GALLONS)

D. Container shall be designed to regularly receive and dump up to 335 pounds of waste material, excluding the weight of the container, without permanent damage and distortion. Container shall comply with ANSI Standard Z245.30 which limits maximum load rating to 3.5 pounds per gallon. Bidder must submit its normal printed color sales brochure which show the exact product item bid and a corresponding load rating of 335 pounds.

(PUBLISHED LOAD RATING – _____ POUNDS)

E. Weight: The resin weight of the container shall be a minimum of 33 pounds and a maximum of 37 pounds, excluding wheels and hardware.

(TOTAL WEIGHT OF BODY PLUS LID – _____ POUNDS)

F. Dimensions: The dimensions of the container shall be such that they are compatible with existing Springfield Public Works rear loading units and with all automated loading units and shall not exceed the following:

1. **Depth:** 36" approx.
2. **Width:** 30"
3. **Height:** 47"

G. Container Lid:

1. Each container shall be furnished with a durable polyethylene lid.
2. Lids shall open 270 degrees to facilitate easy loading.
3. Lids shall be domed to minimize warpage, increase rigidity, and shed water.
4. Lid must overlap the container rim reinforcement
5. The lid shall be attached to the body without the use of a metal hinge or metal cable. Lids with a "living hinge" are not acceptable.
6. Lid shall not change shape or color under normal operating conditions.

H. Wheel and Axle:

1. Wheel hubs shall be molded from high density polyethylene.
2. Wheels shall be 1.75" in width with a minimum diameter of 10".
3. Each wheel shall have a minimum load capacity of 200 pounds.
4. Axle shall be constructed of solid galvanized steel rods with a minimum diameter of 5/8". Axles must not be exposed to contents inside the container. Bolt-on or riveted axles are not acceptable.

I. Markings:

1. White serial numbers, 1" in height, shall be hot stamped into the container body.
2. Purchaser shall approve layout before manufacturing of carts.

J. Color: Container shall have **blue body and blue container lid**.

K. Finish: Container shall have a smooth interior, with no substantial recesses that will impair the emptying of the container.

L. **Stability:** Container shall be stable and self-balancing when in the upright position, either loaded or unloaded. The container must be designed to withstand winds of up to 35 mph when unloaded. Containers which require the designing of a foot pedal at the rear base to act as a fulcrum in the "tilt to roll" process shall be deemed unsafe to operate and unacceptable.

II. **DELIVERY:** Included in this delivery will be the 2/3 assembly (all except lids) of the containers, delivery of the containers to the Public Works Facility and list of all the serial numbers.

III. **WARRANTY:** Vendor shall provide a written warranty with his bid.

IV. **BIDDER CAPABILITIES:** Manufacturer must produce all substantial parts of the container in their own production facility. Bidder shall state location of nearest full service location maintaining a complete inventory of parts and manned by trained personnel.
(SERVICE LOCATION – _____)

V. **ADDITIONAL CARTS:** Should the City elect to purchase additional carts within twelve (12) months from the bid award date, the bid price per cart shall remain in effect.

LIABILITY INSURANCE: Bidder shall attach a certificate of insurance, which indicates that a minimum of \$3,000,000 liability insurance applies to the equipment bid. Bidder shall provide a contact name and phone number for verification of coverage.

Agent's Name: _____ Phone # _____

IRAN DIVESTMENT ACT

NOTICE

Tenn. Code Ann. § 12-12-106 requires the chief procurement officer to publish, using credible information freely available to the public, a list of persons it determines engage in investment activities in Iran, as described in § 12-12-105.

For these purposes, the State intends to use the attached list of “Entities Ineligible to Contract with the State of South Carolina or any Political Subdivision of the State per the Iran Divestment Act of 2014, S.C. Code Ann §§ 11-57-10, et. Seq.”

While inclusion on the list would make a person ineligible to contract with the state of Tennessee, if a person ceases its engagement in investment activities in Iran, it may be removed from the list.

If you feel as though you have been erroneously included on this list, please contact the Central Procurement Office at CPO.Website@tn.gov.

NIKKI R. HALEY, CHAIR
GOVERNING

CURTIS M. LOFTIS, JR.
STATE TREASURER

RICHARD ECKSTROM, CPA
COMPTROLLER GENERAL



OFFICE OF THE EXECUTIVE DIRECTOR

HUGH K. LEATHERMAN, SR.
CHAIRMAN, SENATE FINANCE COMMITTEE

W. BRIAN WHITE
CHAIRMAN, HOUSE WAYS AND MEANS
COMMITTEE

List Date: July 1, 2016

**Entities Ineligible to Contract with the State of South Carolina or any
Political Subdivision of the State per the Iran Divestment Act of 2014, S.C.
Code Ann. §§ 11-57-10, et seq.**

- | | |
|--|--|
| 1. Abadan Petrochemical Co. | 36. Petro China Co. Ltd. |
| 2. Aban Offshore Ltd. | 37. Polskie Gornictwo Naftowe i Gazownictwo SA |
| 3. Arak Petrochemical Co. | 38. Royal Dutch Shell Plc |
| 4. Arvandan Oil & Gas | 39. Sepehr Energy |
| 5. Behran Oil Co. | 40. Shiraz Petrochemical Co. |
| 6. Bharat Petroleum Corporation Ltd. | 41. Showa Shell Sekiyu K.K. |
| 7. China National Petroleum Corp. (CNPC) | 42. Tabriz Oil Refining Co. |
| 8. China Petroleum & Chemical Corp | 43. Total S.A. |
| 9. Cosmo Energy Holdings Company Limited | 44. Toyota Tsusho Corporation |
| 10. Dragon Oil Plc | 45. Tupras Turkiye Petrol Rafinerileri AS |
| 11. Eni Spa | |
| 12. Esfahan Oil Refining Co. | |
| 13. Essar Oil Ltd. | |
| 14. Fanavaran Petrochemical Co. | |
| 15. Farabi Petrochemical Co. | |
| 16. Gail (India) Ltd. | |
| 17. Gazprom OAO | |
| 18. Gubre Fabrikalari T.A.S. | |
| 19. Hindustan Petroleum Corporation Ltd. | |
| 20. Hyundai Heavy Industries | |
| 21. Idemitsu Kosan Co. Ltd. | |
| 22. Indian Oil Corporation Ltd. | |
| 23. JX Holdings, Inc. | |
| 24. Koc Holding A.S. | |
| 25. Lukoil Oil Co. | |
| 26. Maire Tecnimont S.P.A. | |
| 27. Mangalore Refinery & Petrochemicals Ltd. | |
| 28. Mitsubishi Corporation | |
| 29. Mitsui & Co. Ltd. | |
| 30. National Iranian Oil Co. | |
| 31. National Iranian South Oil Co. | |
| 32. Oil & Natural Gas Corporation Ltd. | |
| 33. Pardis Petrochemical Co. | |
| 34. Pars Oil Co. | |
| 35. Parsian Oil and Gas Development Co. | |

Contact irandivestment@mimo.sc.gov with questions regarding this list.

IRAN DIVESTMENT ACT

“By the submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each of a joint bid each party thereto certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not a person included within the list created pursuant to § 12-12-106.”

Signature: _____

Date: _____

Title: _____