

# Town of Old Orchard Beach Maine



**Town of Old Orchard Beach, Maine**  
**NOTICE OF REQUEST FOR PROPOSALS**  
**RESIDENTIAL CURBSIDE COLLECTION CONTAINERS**

## **ADDENDUM #1 July 3<sup>rd</sup>, 2023**

Diana Asanza, Town Manager  
Town of Old Orchard Beach  
1 Portland Ave.  
Old Orchard Beach ME 04064

## **OBJECTIVES**

Notice is hereby given to prospective bidders of the following information, clarifications, and modifications to the bidding documents. The Bidding Documents remain unchanged except for the answers to submitted questions below. Bidders must acknowledge receipt of the Addendum in the Bid Form and comply with the original requirements for submission of Bids as set forth below.

## **SUBMISSION INFORMATION AND REQUIREMENTS**

Proposals must be received by the Town of Old Orchard Beach no later than **1:00 PM on Friday, July 14th, 2023.** Proposals should be in a sealed envelope plainly marked “RFP – Residential Curbside Collection Containers”, and **mailed or delivered** to:

Town Manager  
Town of Old Orchard Beach  
1 Portland Ave.  
Old Orchard Beach, ME 04064

Copies may be emailed to Tim Fleury, [tfleury@oobmaine.com](mailto:tfleury@oobmaine.com)

**The answers below are provided in response to questions and comments submitted by prospective Bidders. Questions are answered in no particular order and there are similar questions asked that are answered multiple times.**

1. *RESIN WEIGHT: Will carts with a resin weight of 24 lbs. be considered for award? To our knowledge, no latest production model 64/65-gal carts on the market contain 27 or more pounds of raw material.*

Answer: Bid will be modified to require bidders to state resin weight and will not require a minimum weight.

2. *WALL THICKNESS: The minimum wall thickness specifications appear to be geared to either older model carts or 95/96-gal carts. As with the resin weight specified, to our knowledge, no latest production model 64/65-gal carts on the market can meet the requirements. We respectfully ask this requirement to be lowered to 0.15” for the minimum, 0.170” for critical wear areas, and 0.11” for the lid. Our carts meet all applicable ANSI standards for Type B/G containers and come with a ten-year warranty. We understand that should the sample fail to pass the Town’s testing, it will not be considered for award.*

Answer: The Town will have manufactures state wall thickness, and not set a minimum requirement.

3. *Pg. 5 of 15 - PLASTIC MATERIAL: “Base plastic resin for the container body and lid must be first quality high-density polyethylene (HDPE)”. Our company’s cart bodies are manufactured with the Town’s acceptable rotational molding process, and cart lids are manufactured also with the Town’s acceptable injection molding process. With our Advanced Rotational Molding™ process combined with medium density polyethylene, the process and materials work together to create carts that are durable, resilient, long-lasting (15-20+ years of active service life) and warranted with 12 years of coverage on the cart body. Will the Town allow both injection molding process with high density polyethylene (HDPE) and rotational molding process with medium density polyethylene?*

Answer: Yes, the town will allow both processes and the use of medium density poly.

4. *Pg. 5 of 15- Paragraph 3 – requires 20% regrind that must be Post-Consumer Waste and not Postindustrial. Furthermore, the Town requires the recycling partnership’s mandated minimum 5% Post Consumer Curbside Recycling/Waste. But the Town requires that curbside waste inclusion to be 5% of the body in one place, or 5% of the body and lid in another place on this page. Per our review of The Recycling Partnership requirements, we find that the 5% is to be 5% of the weight of the body, lid and wheels. While we should add in the wheels weight, we understand that we should not include recycled resin in wheels to count toward the percentages required. (We further understand that the recycled resins are not to be included in the wheels.) Please confirm that for accountability to The Recycling Partnership, these percentages should be out of the weight of the cart body, lid and wheels.*

Answer: Yes, weight of body, lid, and wheels.

5. *Pg. 6 of 15 - RESIN ADDITIVES: The container shall be protected against ultraviolet rays with an ultraviolet stabilizer additive with no less than one and one-half percent (1.5%) by weight. Our company’s ultraviolet inhibitors are added to cart polyethylene resin at a ratio that has been determined by Our Company’s Engineering and Quality Departments. These ingredients are added as a proprietary liquid blend considering the weight of the cart. Maximum dispersion of all additives into the resin is assured using a hot-melt compounding process to produce consistency and durability of color for the life of the cart. The level of additives is extremely important to maintain. Too little ultraviolet inhibitors will not adequately protect the polyethylene from the effects of the sun, extreme temperatures, and other environmental factors. Too much reduces the quality and properties of the polyethylene producing a container that may not withstand the rigors of automated collection. Since cart manufacturers’ recipes for carts is proprietary information, we respectfully request that the Town amend this specification to require containers to include ultraviolet inhibitors at levels proven to support durability (pass all ANSI Safety Tests) and longevity.*

Answer: Agreed, the actual percentage is not needed. Passing ANSI safety tests is the important part.

6. *Pg. 6 of 15 - RECYCLE ABILITY: This specification requires Proposers to operate and own their own recycling division within their company where multiple streams of*

*plastic can be recycled beyond just old/damaged containers. This is an unfair specification since cart manufacturers cannot all have such a division. We respectfully request the Town requires each proposer to state whether it owns and operates a recycling division within its company.*

Answer: Agreed, this is a remnant from the old RFP and can be completely stricken from the proposal.

7. *Pg. 7 of 15 – SEMI-AUTOMATED LIFT SYSTEM – requires an upper lifting “skirt”, which equates to our upper lifting saddle. While the features are similar, and certainly accomplish the same purpose, there are differences from one brand of cart to another for this upper lift feature. We respectfully request that the Town require the upper lift point to be compatible with standard North American semi-automated bar-locking lifters.*

Answer: Agreed, each manufacturer will be slightly different. As long as they all work with standard lifters.

8. *Pg. 7 of 15 – ABRASION PROTECTION – requires a double drag rail on cart bottoms. Our cart features a single drag rail, which has passed test when dragged up to 6,000 feet. The double drag rail is correctly required of injection molded carts due to the sprue located at the bottom of the cart, making the bottom of the cart a weak point. We respectfully request the additional that rotationally molded carts may feature a single drag rail.*

Answer: Rotationally molded carts may have a single drag rail.

9. *Pg. 8 of 15 – LID – This specification requires lids to be injection molded with HDPE and manufactured of the same material as body. As a point of clarification, our cart bodies are rotationally molded using medium density polyethylene, and cart lids are injection molded with HDPE. We request that the Town remove the requirement to be “manufactured of the same material as used in the container body.*

Answer: Agreed, will strike the “manufactured of the same material as used in the container body”

10. Pg. 8 of 15 – LID – Does not allow screws to attach lids, but only plastic attachments. Our all-plastic lid hinge snaps onto the lid. The fit of the two components is further secured by two (2) Torx Fasteners in each hinge. These steel fasteners, used in the automobile industry, are much stronger and more durable than the plastic pins used in many cart hinges and are coated to prevent rust. This hinge secure design allows for easy maintenance by Town crews and avoids the lid and handle damage that often occurs in other carts that use drive-in, plastic bayonet style pins. We respectfully request that the Towns allow Torx Fasteners coated to prevent rust, when used to secure plastic lid attachment components.

Answer: The town will allow weather resistant fasteners for lid attachment.

11. Pg. 8 of 15 - AXLE: The axle must be a minimum of 3/4” diameter and the axle must slide through at least (2) two molded-in plastic journals with an additional minimum of (2) two half journals molded into the bottom of the container. A standard axle in U.S. carts has been 5/8” diameter solid steel for over 40 years. The bending strength of our 5/8” axle is 2,000+ pounds, nearly nine (9) times the load rating of the 64-gallon cart. Furthermore, our axle journals meet the intent of this specification with molded in journals featuring with a double-wall design, which exceeds ANSI testing and are confidently warranted. Will the Town allow both 3/4” and 5/8” diameter axles, with axles not exposed to the inside of the container? Furthermore, with the Town allow journals to also be designed as molded into the bottom of the container without penetrating the cart, but ensuring proper weight distribution of the contents of the container?

Answer: The town will allow 3/4” and 5/8” axles as long as they are not exposed to the interior of the container and pass through journals that ensure proper weight distribution of the contents of the container.

12. Pg. 9 of 15 - LOAD RATING- requires a load rating for a 64-gallon container to be a minimum 227 pounds. Our carts meet ANSI requirements which are the same requirements that are otherwise required by Town specifications. Will the Town

*require carts to be compliant with ANSI allowed load ratings at a maximum of 3.5 lbs./gallon, which equates to 224 pounds for a 64-gallon cart?*

Answer: Yes, the Town will allow it to meet ANSI required 224 pounds. This was an oversight in the RFP.

13. Pg. 9 of 15 - *MANEUVERABILITY: Requires that the average tipping force required to maneuver carts must conform to ANSI Standards and testing, which is in ANSI Standard Z245.30-2008, Appendix F, and ANSI requirements of this Force to Tip testing limits the force to tip at less than 120 pounds when fully loaded with an ANSI required load of 3.5 pounds per gallon. We respectfully request that the Town amend this specification to match ANSI Standards and each bidder be required to still state its maximum average force in pounds.*

Answer: Agreed, the Town will amend to meet ANSI standards.

14. Pg. 9 of 15 - *RESIN WEIGHT: The quoted container must be manufactured to achieve a minimum resin weight of the following: 64 gallon – min 27 pounds. With inventions and updates for better resin materials, combined with the need by companies to support sustainability and ergonomically comfortable maneuverability, our cart body, lid and wheels have a resin weight less than the minimum required. Will the Town amend this specification to allow bidders to simply state their cart resin weights in the body, lid and wheels of carts?*

Answer: Yes, resin weight can be listed and not have to meet a minimum specification.

15. Pg. 10 of 15 - *WALL THICKNESS: The quoted container must have a nominal wall thickness of .175” throughout the body of the container and a minimum wall thickness of .185 inches in the critical wear points (i.e., container bottom, handle and lift mechanism). The minimum wall thickness of the lid must be .140 inches. Please refer to our question #12 above since the same explanation applies to wall thicknesses. Our Rotational Molding imparts virtually no stress into the molded wall because it does not require an injection pump to push the plastic into the mold. Our company’s cart plastic is distributed in the mold by Gravity. By comparison, injection molding forces plastic into the mold at a pressure of 10,000 PSI or more*

*which results in significant molded in stresses which can crack or break in an automated cart lifter. We respectfully request that the City allow different wall thicknesses for rotationally molded carts, with bidders stating the thickness of the body wall and the thickness of the lid wall. If the Town desires to require specific measurements, we further request that the Town require rotationally molded cart bodies to have a wall thickness throughout the cart body at nominal 0.156", and lid thickness throughout the lid at nominal 0.110".*

Answer: The Town will have manufactures state wall thickness, and not set a minimum requirement.

*16. Pg. 10 of 15 - DIMENSIONS – Require cart width to be a minimum 26.50 inches. Since every cart is designed with different dimensions, the Town is wise to state minimum requirements. We do respectfully request that the Town require a minimum width of 14.25 inches, which better fits through gates and doors.*

Answer: These carts are to be used by a side loading collection truck and must be compatible with the lifting mechanism.

*17. Pg. 11 of 15 - SERIAL NUMBER BAR CODES – We understand that the Town is requiring both a Bar Code with Serial Number, and an RFID Tag. At least one cart manufacturer uses bar codes in its Assembly and Distribution processes, but the bar code is a duplication of the RFID, and an inferior duplication as well. When a bar code is scratched, which can happen easily in normal handling of the container by users and collection truck interface, the bar code is rendered useless and non-readable. The only replacement for a marred bar code is a sticker bar code that is much less reliable than any cart identifier. The RFID Tag in the lid is not a usual place to install an RFID Tag, and ours is designed with the tag installed into the handle of the cart body away from cart contents, normal use, and outside elements. We understand that the Town specifies the bar code as mandatory, and requires a serial number, bar code and RFID Tag, with all 3 associated for container distribution and management after distribution. An RFID Tag associated with a hot stamped serial number is sufficient for ease and accuracy of both container distribution data management, and data management for inventory, work order management and warranty claims. RFID Tags also work with truck mounted RFID systems. We are not suggesting eliminating bidders having a system using all three identifiers, but we respectfully request that the Town allow proposers to provide a*



*serial number with either a bar code or RFID Tag, but that bidders may also provide both, according to the bidder's own system.*

Answer: Agreed, The Town will require bidders to provide a serial number with either a bar code, RFID tag or both.

*18. In Mold Labels (IML) are not mentioned in specifications for carts but are mentioned under delivery timeframe top of page 12. Does the Town require IML on any cart lids?*

Answer: No

*19. Pg. 11 of 15 – User Instructions – we have standard, unchangeable user instructions required by ANSI, but does the Town require its own instructions for special use and/or cautions for users?*

Answer: No

*20. Pg. 14 of 15 – Proposal Response Form – Pricing page requires one blank line for pricing. Will the Town separate pricing for carts, with a separate line for carts and another separate line for Assembly and Distribution to Residents? If desired, there could be a separate line for total freight or freight per load with ability for proposers to enter number of carts that fit per truckload.*

Answer: Bidders may break down pricing however they see fit.

*21. Pg. 12 of 15 at top asks for number of days order will be fulfilled after receipt of purchase Order (in days), and page 14 requires our “projected delivery date”. Is there any difference in what should be answered for each of the two questions? When does the Town desire for carts to be rollout out to residents, as a target project completion date?*

Answer: The Town has a projected roll out date in the first week of September and completed by the second week.

22. *What is the expected timeframe in which the cart rollout to residences is expected to begin?*

Answer: First week of September

23. *What is the total number of homes in each town that will receive carts?*

Answer: Roughly 4,208

24. *Will there be deliveries to single-family, multi-family, or group collection areas (mobile home parks)?*

Answer: Single family homes and multi-family units up to 4 families in a unit.

25. *Will there be deliveries to commercial accounts (i.e., businesses, schools, libraries, etc.)? If so, how many carts of each stream will each commercial account receive?*

Answer: No

26. *What type of data capture method is preferred when carts are delivered: checklist data, serial number recording, or RFID scanning?*

Answer: Serial number recording.

27. *Is there literature that will be attached to each cart during the delivery phase to residences?*

*If so, how is the literature expected to be attached (i.e.: tucking a flyer or pre-stuffed bag in between the cart lid and body, hanging a pre-stuffed bag provided by the towns onto the cart handle, etc.)?*

*Could you please describe the type of literature that will be attached to carts and the number of literature pieces (i.e.: a flyer, brochure, welcome packet)?*

Answer: All literature is provided by Casella and will be hung from the handle. Unknown, exact type yet.

28. *Does the Town require crews to stuff literature into plastic bags prior to delivery? If so, how many literature pieces are there?*

Answer: No, N/A

29. *Are crews required to apply stickers to the carts? If so, please advise of the size and type of sticker that will be provided (i.e.: on a roll, sheets, center peel, etc.)*

Answer: No

30. *Will there be any deliveries to alleyways?*

*If so, how many accounts within each town have alleyway service?*

Answer: No, none

31. *Will writing addresses on the lids of carts with paint pen be required?*

*If so, please advise whether unit numbers only or full addresses are required.*

Answer: No, N/A

32. *Would the Town be willing to provide paved and secure staging yard areas within each town for crews to unload and assemble carts prior to delivery? If so, could you please provide a staging yard address?*

Answer: Yes, at the DPW or Ballpark facility. Gravel, parking areas, not paved. 7 Ballpark Way, Old Orchard Beach, ME 04064 or 101 Smithwheel Rd, Old Orchard Beach, ME 04064

33. *Will the Town provide a forklift and forklift attachment that has the ability to unload two cart stacks at once for crew use to unload carts or should crews prepare to provide a forklift and attachment?*

Answer: Town can provide a front end loader with fork attachment.

34. *Does the Town anticipate any carts to be leftover at the project's end? If so, what is the estimated quantity of leftover carts?*

*Will any leftover/extra carts require assembly and stacking for storage at the staging yard?*

*Will leftover/extra carts need to be transported to a storage location that is different from the staging yard? If so, could the Town provide the address of the transport location?*

Answer: Yes, approximately 50-100 carts to be used for replacement purposes.

No, Carts will be left stacked without being assembled for more efficient storage

Unknown at this time, Town will be responsible for moving unassembled carts for storage.

35. *Page 9, Load Rating: The 227 lb load rating that is listed is actually for a 65 gallon container. ANSI Standard is 3.5 times the capacity; a 64 gallon container would have a load rating of  $3.5 \times 64 = 224$  lbs. Can the load rating be updated to the ANSI standard of 224 lbs?*

Answer: Yes, the Town will allow it to meet ANSI required 224 pounds. This was an oversight in the RFP.

36. *The bid mentions in-mold-labels in a couple different spots- is this something the Town is interested in purchasing? Can you provide a sample or details on the size and number of colors on the label requested for quoting purposes?*

Answer: At this time the town does not require any specific in-mold labels. Standard ANSI Safety markings suffice.

37. *Are there literature pack requirements with the assembly & distribution? Will the literature packs be pre-bagged by the Town or should this cost be included in the proposal?*

Answer: All literature is provided by Casella and will be hung from the handle. Unknown, exact type yet.

38. *When would the Town like the carts to be delivered and distributed?*

Answer: The Town has a projected roll out date in the first week of September and completed by the second week.

39. *Page 12 asks for a delivery timeframe. Is this the timeframe for the carts to be delivered to the Town or for the carts rollout to residents to be completed?*

Answer: This is the time frame for cart rollouts to residents to be completed.

# Town of Old Orchard Beach Maine



**Town of Old Orchard Beach, Maine**  
**NOTICE OF REQUEST FOR PROPOSALS**  
**RESIDENTIAL CURBSIDE COLLECTION CONTAINERS**

**June 5<sup>th</sup>, 2023**

**AMENDED JULY 3<sup>rd</sup>, 2023**

**Additional content in red**

**Removed content underlined**

Diana Asanza, Town Manager  
Town of Old Orchard Beach  
1 Portland Ave.  
Old Orchard Beach ME 04064

## **OBJECTIVES**

The Town of Old Orchard Beach is seeking proposals to supply the Town with 64 gallon size universal rollout waste containers for fully automated waste collection.

This Request for Proposal document does not define any contractual relationship between the selected respondent and the Town of Old Orchard Beach or obligate the Town of Old Orchard Beach to follow a set selection process. Any binding agreement between the Town of Old Orchard Beach and the successful respondent will be through a formal written agreement (contract) after the Town of Old Orchard Beach Town Council has made its selection.

## **SUBMISSION INFORMATION AND REQUIREMENTS**

Proposals must be received by the Town of Old Orchard Beach no later than **1:00 PM on Friday, July 14th, 2023**. Proposals should be in a sealed envelope plainly marked “RFP – Residential Curbside Collection Containers”, and **mailed or delivered** to:

Town Manager  
Town of Old Orchard Beach  
1 Portland Ave.  
Old Orchard Beach, ME 04064

Copies may be emailed to Tim Fleury, [tfleury@oobmaine.com](mailto:tfleury@oobmaine.com)

For testing purposes, Proposers must submit one sample of their 64 gallon containers. Please include any relevant manuals or literature. These samples will remain the property of the Town. If the containers meet specifications they will be the standard by which future containers will be measured.

Container samples should be delivered to:

Town of Old Orchard Beach  
Town Manager  
1 Portland Ave  
Old Orchard Beach, ME 04064  
ATTN: Tim Fleury

Containers to be delivered within five (5) days of proposal submission date. Call Tim Fleury @ (207) 937-5626 or email [tfleury@oobmaine.com](mailto:tfleury@oobmaine.com) with any questions regarding specifications or sample delivery. Deadline for responding to questions is June 30<sup>th</sup>, 2023. Any information provided to an inquiry will be provided to all perspective bidders.



## **Universal Roll out Cart Specifications**

### ***UNIVERSAL ROLL OUT CONTAINERS***

The specifications herein describe the minimum acceptable features and performance requirements for universal refuse and waste containers. Bidders must thoroughly read and understand these specifications prior to proposal submission. All proposals must be submitted on the Town's form provided. Bidders shall complete the specification column with a check mark to indicate if the item being proposed by the Bidder is exactly as specified. If an item is left blank, the Town's will assume the Bidder cannot meet the specifications and may cause rejection of the proposal. By checking any of the "NO" spaces the Bidder states that the product being proposed 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". Exceptions will not automatically disqualify a bidder. If the Town determines by any means that exceptions exist which were not identified on such list, then that proposal will be disqualified as being non-responsive. If no exceptions are taken, it will be assumed that the proposal meets all specifications. If awarded, the successful bidder must only deliver the container or containers that are proposed with this bid submission. Failure to provide the exact container specified will disqualify said bidder. Failure to provide a sample container at the Town's request within 5 days will be subject for disqualification of the said bidder.

### ***MANUFACTURING PROCESSES AND MATERIALS***

Each universal roll out 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.

<b>Description</b>	<b>Yes</b>	<b>No</b>
<b>MANUFACTURING PROCESS:</b> Each container and lid must be made from the injection-molded or roto molded process.		

**PLASTIC MATERIAL:** Base plastic resin for the container body and lid must be first quality high-density polyethylene (HDPE) supplied by a national petrochemical producer such as Dow Chemical or Exxon Mobil. Off-spec or wide spec material and dry blending of material is not acceptable.

The bidder must submit technical data sheet(s) from the resin producer.

Carts manufactured with 100% Virgin Resin will not be considered as it does not comply with the Town's sustainability initiative. There must be at the minimum 20% re-grind

In addition, 5% of the 20% regrind (based on the weight of the body) must be Post-Consumer Waste – Postindustrial will not be a substitute and the 5% may not be in the wheels of the container. This specification is tied to a grant the Town is considering.

All of these items will be required:

- **Prior to cart roll out:** the Cart manufacturer of choice must provide a 3<sup>rd</sup> party Certification that states the PCR is in fact curbside recycled content and will be purchased at a volume equal to 5% of the cart and lid total weight to the Community or Hauler making the purchase.
- **Prior to cart roll out:** Provide a PO with letter of intent to purchase this material from certified vendors of RPC.
- **Email Acknowledgement** between a community and their selected cart manufacturer of residential post-consumer recycled plastic content requirements for recycling carts; must be specific to The Recycling Partnership grant-funded project
- **Pre-Roll Out** *Copy of the actual purchase order or other billing statement with residential post-consumer recycled plastic content noted.*

Post-rollout

- **Post Roll Out:** Invoice from the cart manufacturer to the community that details the number of recycling carts purchased and distributed under the terms of the community's Grant Agreement with The Recycling Partnership. Additionally, invoice documentation should detail the following:
  - Total weight of certified residential post-consumer recycled plastic content.
  - Recycled Content in each Recycling Cart including PCR.
  - Total weight of purchased recycling carts.

<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.</p> <p>All plastic parts shall be specifically prepared to be colorfast so that the plastic material does not alter or fade appreciably in normal use. Containers must be manufactured using a hindered amine light (HAL) stabilizer package, which maximizes light stable color pigments, ensures for minimal degradation, and protects the plastic resin at the chemical level. The container shall be protected against ultraviolet rays with an ultraviolet stabilizer additive. <u>REMOVE (with no less than one- and one-half percent (1.5%) by weight) REMOVED</u></p> <p>The bidder must submit a statement certifying that all of the plastic resin and additives will be hot melt blended.</p>		
<p><u>REMOVED - RECYCLE ABILITY: The bidder must include with the bid any option for the repurchase/recycling of containers at the end of their useful life. Bidders must operate and own their own recycling division within their company where multiple streams of plastic can be recycled beyond just old/damaged containers. Does the bidder own and operate their own recycling division within the company? REMOVED</u></p> <p>YES _____ NO _____</p>		
<p><b>MANUFACTURING LOCATION AND EXPERIENCE:</b> Manufacturer shall be wholly owned and operated US corporation. Every Bidder MUST have at least 10 years of manufacturing experience in the US.</p> <p>Each manufacturer MUST have full control over all manufacturing operations. Any bidder who outsources manufacturing will be disqualified as this has a potential to upset our delivery schedule. Preference will be given to those who have multiple facilities as a failsafe.</p>		
<p><b>TESTING:</b> At the request of the Town, sample containers may be tested and put through a series of rigorous real-world tests to simulate daily use. It will be at the discretion of the Town to the tests performed and a testing committee will review the performance of each container. Failure to pass all portions of the testing could result in disqualification of the bidder. Does the bidder accept the testing requirements stated in this bid?</p> <p>YES _____ NO _____</p>		

**CONTAINER REQUIREMENTS**

The universal roll out 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:

Description	Yes	No
<p><b>ANSI CONFORMANCE:</b> Containers proposed herein must meet the requirements of ANSI Z245.30 and ANSI Z245.60 standards for “Type B/G” containers.</p> <p>The bidder must submit independently certified copies of all ANSI test results with proposal. Test results must state load (in pounds) under which tests were conducted. The ANSI Appendix D test for “Loading and Unloading Test for Containers” must clearly state that the required 520 dump cycles under the container’s full rated load were performed on both a Semi-Automated Container Lifter and a Fully Automated Grabber Arm.</p>		
<p><b>INTERIOR CONSTRUCTION:</b> The interior surface must be smooth and free from crevices, recesses, projections, and other obstructions where material inside the containers could become trapped. The lower metal catch bar cannot be exposed to the interior of the container.</p>		
<p><b>SEMI-AUTOMATED LIFT SYSTEM:</b> Each container shall be equipped with an internal upper lifting skirt, which makes it compatible with standard American semi-automated bar-locking lifters. The lower metal bar of the 64 gallon containers must come pre-installed from the manufacturer, must be designed to withstand over ten (10) years of lifter attachment, and must be a 1” diameter galvanized free floating steel bar that isn’t exposed to the interior of the cart. Containers with bolted-on lower bars are NOT acceptable.</p>		
<p><b>FULLY AUTOMATED LIFT SYSTEM:</b> Each container shall be equipped with an exterior pattern of texture in the collection area that improves the friction between the lifter and the container in order to reduce the amount of containers falling into the hopper.</p>		
<p><b>ABRASION PROTECTION:</b> The containers must be designed with a double drag rail on the container bottom <b>or single drag rail for roto molded carts</b>. The container base must be reinforced in the area that contacts the ground with a molded-in wear strip</p>		

<p><b>RIM OF BODY:</b> The top of the container body shall be molded with a reinforced rim to add structural strength and stability to the container and to provide a flat surface for lid closure. This reinforced rim shall have a raised inner perimeter to serve as a barrier to escaping odors, intrusion of pests, and to prevent moisture from entering the container from under the edge of the lid. The rim of the container must not be designed to have an inward radius to obstruct free flow emptying of material out from the container.</p>		
<p><b>LID:</b> The lid shall be of one-piece construction; injection molded of high-density polyethylene resin (HDPE) <del>REMOVED (and must be manufactured of the same material as used in the container body) REMOVED</del> 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 and hang open without stressing the lid or container body. Living hinges and lid counterweights are unacceptable. <del>REMOVED (The manufacturer may not attach lids to containers using metal hinges, brackets/bolts and/or screws, metal bars, PVC, plastic glued connections, or any hidden bars.) REMOVED</del> Lid attachments must be constructed of weather resistant plastic <b>or weather resistant fasteners</b> only. Attachments must be easily installed during container assembly and uninstalled during container disassembly. Lid must be capable of being imprinted with a custom hot stamp or in-mold label technology. Lid attachment hinge must be no less than 1.25” in width. STATE LID HINGE ATTACHMENT WIDTH: _____ inches</p>		
<p><b>HANDLES:</b> Each container must be equipped with a handle that is a minimum of 1” diameter. The handle and handle mounts must be an integrally molded part of the container body. The handle shall be designed to always afford the user positive control of the loaded container; with proper use. The handle must not have the ability to rotate on its own axis at any time. Handles that are molded as part of the lid are unacceptable. Bolted-on handle mounts or bolted-on handles are unacceptable.</p>		
<p><b>AXLE:</b> The axle must be a minimum of <b>5/8”</b> diameter, high strength steel fully supported by container body. Zinc chromate plated or powder coated equivalent for corrosion protection. Axle must slide through at least (2) two molded-in plastic journals in the container bottom and must not be exposed to contents inside of container. There must also be a minimum of (2) two half journals molded into the bottom of the container for the axle to slide through to ensure proper weight distribution of the contents of the container. Axles attached by means of bolts or rivets are unacceptable.</p>		
<p><b>EASE OF ASSEMBLY AND DISASSEMBLY:</b> The bidder must supply a container assembly instruction sheet with their response. The instruction sheet should include a list of container parts and a list of tools needed for assembly.</p>		

<p><b>PARTS AVAILABILITY:</b> All bidders will supply a listing of replacement parts available for their model container.</p>		
<p><b>COLOR:</b> Containers must be a distinctive color impregnated into the plastic. Painted universal recycling containers are unacceptable. The Town and chosen Contractor will mutually determine color(s).</p>		

**CONTAINER SPECIFICATIONS – 64 GALLON**

The container offered must be 64 gallons (+/-3%) and must comply with the following listed specifications:

Description	Yes	No
<p><b>LOAD RATING:</b> The 64 gallon container must be designed to regularly receive and dump the following pounds of recycled materials, excluding the weight of the container, without permanent damage or deformation. The load rating must conform to ANSI Standard Z245.30.</p> <p><b>64 gallon – minimum 224 pounds</b></p> <p>STATE LOAD RATING OF CONTAINER: _____ pounds</p>		
<p><b>MANEUVERABILITY:</b> To ensure that the proposed 64 gallon container is easily operated by the citizens of Town, the bidder must state the average tipping forces required to maneuver a fully loaded container when tilted to the roll position. <b><u>REMOVED (The bidder must also submit documentation that conforms to ANSI Z-245.60 Force-to-Tip testing that clearly defines the container’s maximum average tipping force. The results of this testing may not exceed a maximum average of 35 pounds.)</u></b> <b><u>ReMOVED</u></b> Any container that is judged as too difficult to tilt when loaded to maximum capacity of material will be disqualified.</p> <p>STATE MAXIMUM AVERAGE FORCE: _____ pounds</p>		
<p><b>RESIN WEIGHT:</b> <b><u>REMOVED (The quoted container must be manufactured to achieve a minimum resin weight of the following: 64 gallon – min 27 pounds)</u></b> <b><u>REMOVED</u></b></p> <p><b>Please state resin weight of container.</b></p> <p>STATE RESIN WEIGHT OF CONTAINER: _____ pounds</p>		

<p><b>WALL THICKNESS: REMOVED (The quoted container must have a nominal wall thickness of .175" throughout the body of the container and a minimum wall thickness of .185 inches in the critical wear points (i.e. container bottom, handle and lift mechanism). The minimum wall thickness of the lid must be .140 inches.) REMOVED</b></p> <p><b>Please list wall thickness of specified locations below.</b></p> <p>STATE BODY WALL THICKNESS: _____ inches</p> <p>STATE CRITICAL WEAR POINT THICKNESS: _____ inches</p> <p>STATE LID WALL THICKNESS: _____ inches</p>		
<p><b>CAPACITY:</b> The total capacity of the container body, excluding the lid, must be a 64 gallons (+/- 3%). 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 container body (to the nearest 0.1 U.S. gallon).</p> <p>STATE TOTAL CAPACITY: _____ gallons</p>		
<p><b>DIMENSIONS:</b> The minimum exterior dimensions of the completely assembled container are as follows:</p> <p>HEIGHT: 40.25 inches</p> <p>DEPTH : 28.00 inches</p> <p>WIDTH : 26.50 inches</p> <p>STATE HEIGHT: _____ inches</p> <p>STATE DEPTH: _____ inches</p> <p>STATE WIDTH: _____ inches</p>		
<p><b>WHEELS:</b></p> <p>Wheels shall be minimum 10" in diameter and 1.75" wide with knobby treads. Wheels must be extra high molecular weight polyethylene capable of supporting a minimum of 200 lbs. Wheels must be snap on style wheels. Wheels that require the use of pal nuts, washers or other means of connection will be considered unacceptable.</p>		
<p><b>NUMBER OF PARTS:</b> For ease of assembly and parts inventory, Town is requesting the bidder to state the number of separate parts that comprise each container to include but not limited to; lid, body, wheels, axle, catch bar, rivets, lid fastener components, etc. A maximum of 8 parts is required.</p> <p>STATE NUMBER OF SEPARATE PARTS: _____</p>		

**MARKINGS**

Each container must be permanently marked with letter/numbers, as follows:

Description	Yes	No
<p><b>SERIAL NUMBER BAR CODES:</b> Each container must have a bar code and associated serial number branded in white on the container. The barcode must be visible when carts are nested during shipment. The serial number/bar code shall be associated at the point of manufacturing and be associated with the corresponding RFID tag that will be in each lid.</p> <p>The serial number and barcode/<b>RFID</b> will be a VIN style identifier that will be used for future warranty submissions.</p> <p>The barcode <b>or RFID</b> will be used for the initial assembly and distribution as well as to assist in the efficient management of the roll out carts after they are distributed.</p> <p>Under the barcode the date of manufacture must clearly be displayed. Adhesive or sticker serial number bar codes are not acceptable for new production containers. The bidder will maintain an electronic file and database that will identify the date of manufacture by the serial number for warranty purposes in the future.</p> <p><u><b>REMOVED (The bar codes are mandatory and will be used for container distribution AND management after distribution.) REMOVED</b></u></p>		
<p><b>CONTAINER LOGO:</b> The Town logo shall be affixed by hot stamp onto both sides of the container body.</p>		
<p><b>USER INSTRUCTION:</b> Instructions for the safe use of the container must be molded into each lid. Instructions shall be approved by The Town.</p>		
<p><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.</p>		



***SPECIFY DELIVERY TIMEFRAME***

Specify number of days order will be fulfilled after receipt of a purchase order: \_\_\_\_\_\*Days

*\*Carts with IMLs may take longer due to supply chain*

***Assembly & Distribution (A&D)***

Description	Specifications	Yes	No
Delivery Planning	The Contractor shall be responsible for coordinating the delivery of containers in field. Town shall supply a comprehensive address list no less than 4 weeks prior to container delivery start date. It is preferred that the Contractor shall have its own delivery personnel.		
	Contractor shall perform deliveries based off Town assigned routes, or mutually agreed upon route days		
	Contractor must use handhelds that can add any addresses that may have been excluded from the original delivery list in the field		
	Contractor must provide handhelds that have resolution codes for coding out exceptions to delivery		
	The resolution codes would include, but are not limited to vacant property, burned out structure, uninhabitable home, vacant lot.		
Data responsibility and delivery	The Contractor will be required to scan every container to assign it to an address during delivery. Information includes asset serial number, RFID number, asset size/type, address, latitude/longitude of delivery location. Manual written down serial numbers are NOT acceptable		
	Contractor must provide GPS coordinates (latitude and longitude) of each container at the point of delivery.		
	Contractor shall complete this task at all locations for each container in all conditions except as a result of extreme weather conditions or Acts of God.		
	Contractor will have the ability to migrate all open and closed request data into a Cloud-based asset management system for ongoing container management and reporting if needed.		

Automated reports and portal access	Contractor shall provide access to a cloud-based portal to see ongoing open and closed requests specifics		
	Contractor will provide access to daily closed request information		
	Contractor will utilize a cell-based handheld for container scanning for real-time updates on delivery completion.		
	Container delivery reports will be available on demand through web portal		
	Container Delivery open and completed requests will be displayed in a widget on the desktop users dashboard		

**TOWN OF OLD ORCHARD BEACH  
DEPARTMENT OF PUBLIC WORKS  
Proposal Response Form  
Residential Curbside Collection Containers**

The undersigned, as Proposer, declares as follows;

The only parties interested in this Proposal as principals are named herein.

1. This Proposal is made without collusion with any other person, firm or corporation.
2. No officer, agent, or employee of the Town of Old Orchard Beach is directly or indirectly involved in the Proposal.
3. The Proposer has carefully read and examined the specifications herein and knows and understands the terms and provisions.
4. The Town of Old Orchard Beach reserves the right to reject any and all proposals and to waive any informalities or irregularities in the Proposals received, and to accept any Proposal which is deemed most favorable to the Town at the time and under the conditions stipulated.

**PRICE PER ORDER OF up to 11,000 CARTS coordinated into 2 colors, by lids, according to function. Bidders may break down pricing further as they see fit.**

**11,000 64 gallon carts**                      \$ \_\_\_\_\_ per cart

**Total price**                                      \$ \_\_\_\_\_

**PROJECTED DELIVERY DATE** \_\_\_\_\_

Please attach a price list for all replacement parts.

