

**City of Portland ITB 115047 – Commercial Recycling & Composting Containers
Sustainable Procurement Specifications Excerpt
December 10, 2012**

2.0 SCOPE OF WORK

The successful Contractor shall provide compost and recycling containers per the specifications in Attachment B. All orders shall include an original packing list directly from the shipper.

3.0 TECHNICAL REQUIREMENTS

3.1 GENERAL REQUIREMENTS

All specified equipment shall be purchased new directly from manufacturer or an authorized distributor/reseller of manufacturer's products. This equipment will be used for the City of Portland or any other government agency doing business with the City of Portland. All orders shall include an original packing list directly from the shipper.

A certificate of material compliance shall be submitted with each production shipment. This certificate shall adequately identify each material used and the raw material lot number by the resin manufacturer.

Wherever in these specifications a manufacturer's name, brand, method of manufacture or model is mentioned, it is understood that the phrase "or approved equal" shall be assumed to follow thereafter whether or not it does in fact. Upon request, any Seller electing to Bid must supply a Solid Waste & Recycling representative sample containers within five (5) business days following the bid due date. The sample containers will be supplied at the Seller's expense. Samples will be returned to Seller at Seller's expense or donated to a non-profit organization.

3.2 PRODUCT SPECIFICATIONS

Item No. 1	21-25 GALLON PLASTIC FOOD WASTE SLIMLINE CONTAINER
Item No. 2	22-27 GALLON GREEN COMPOST CONTAINER WITH LID
Item No. 3	32-38 GALLON RECYCLING ROLL CART
Item No. 4	32-38 GALLON COMPOSTING ROLL CART

Detailed specifications for the above containers can be found in Attachment B.

ATTACHMENT B
TECHNICAL SPECIFICATIONS
FOR
COMMERCIAL RECYCLING AND COMPOSTING CONTAINERS

ITEM NO. 1	21- 25 GALLON PLASTIC FOOD WASTE SLIMLINE CONTAINERS
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1. **GENERAL**

A. Purpose: Furnish automated plastic food waste containers, sizes 21-25 gallon, to the City of Portland's (City) Solid Waste and Recycling Division (SW&R). Order will be given on an annual basis. The containers shall be new and unused.

It is anticipated that the City will purchase approximately 400 of the 21-25 gallon containers in the first year of the contract. Additional containers may be purchased, as needed, during the second-year of the contract, and in following years, if the option to renew is exercised.

Size specified is in U. S. liquid gallons in the body portion of the container only. Containers shall have a volumetric capacity of 21-25 gallons. The City will consider bids of container volume that approximates the stated value, but no less than the specified minimum capacity. Actual container size quoted should be noted on the proposal page.

Wherever in these specifications a manufacturer's name, brand, method of manufacture or model is mentioned, it is understood that the phrase "or approved equal" shall be assumed to follow thereafter whether or not it does in fact. Upon request, any Seller electing to Bid must supply a SW&R representative sample containers within five (5) business days following the bid due date. The sample containers will be supplied at the Seller's expense. Samples will be returned to Seller at Seller's expense or donated to a non-profit organization.

B. Certification: The container described herein is intended to be used by the City in collecting recyclables. Each Seller shall provide certification that the containers to be provided to the City meet the requirements set forth in the most recent ANSI Z245.30 and ANSI Z245.60. Sellers shall supply certified copies of the results of each test set forth in the Testing Requirements section of ANSI Z245.30 and ANSI Z245.60 with the Bid. Failure to provide this information may result in rejection of the Seller's Bid. Wherever a certification of an ANSI standard is required in this Bid document, that certification must be provided by a party qualified and officially recognized to perform such analysis. This specification generally describes those attributes sought by the City. The City relies upon the ANSI standards and the skill and judgment of the Seller to propose a suitable product that will meet the City's needs described herein.

C. Pricing/Price Adjustment: The contract resulting from this Invitation to Bid shall be binding for two (2) years, from the date of execution through February 28, 2015, and can be subject to three (3) one-year extensions by mutual agreement, at the same terms and conditions, subject to price escalation/de-escalation annually at time of renewal. Written documentation of a price change is required from the successful Bidder thirty (30) days prior to the expiration of the contract.

2. **WARRANTY**

A. The warranty for these plastic containers shall be submitted and made a part of this Bid. The warranty shall allow for commercial use. The warranty shall cover use up to the maximum load rating.

B. All containers furnished shall be warranted to be fully functional, in the opinion of the City, for a minimum period of five (5) years. Warranty is to include replacement of containers at no additional cost to the City if they do not withstand normal use. Defects which may breach this warranty include, but are not limited to, the following: cracking, chipping, peeling, distortion, weathering degradation, defective or insufficient material, poor material workmanship on the part of manufacturer and lower ultraviolet resistance to aging in the process of normal operational use.

C. The Seller shall not be responsible for damage or destruction caused by fire, vandalism, abuse, neglect or Acts of God after the containers have been delivered and accepted.

D. Containers which the Seller is obligated to replace under the warranty provision shall be promptly replaced **within thirty (30) calendar days** after notice from Buyer. Seller will remove all defective containers at the time the replacement containers are delivered.

E. If the Seller fails to remove all containers, which were found defective under warranty, within thirty (30) calendar days, Buyer will consider them abandoned and dispose of them at Seller's expense.

3. QUALITY ASSURANCE

A certificate of material compliance shall be submitted with each production shipment. This certificate shall adequately identify each material used and the raw material lot number by the resin manufacturer.

4. CONTAINER DESIGN SPECIFICATIONS

A. Container shall meet the standards set forth in the most recent ANSI Z245.30 and ANSI Z245.60. Container shall be capable of being lifted and dumped from any angle. All containers shall be designed to regularly receive and dump a minimum of 3.5 pounds per gallon without permanent damage, deformation, or structural failure. **Seller shall state maximum load rating.**

B. Fabrication

The containers shall be manufactured from polyethylene with a density greater than 0.933 grams per cubic centimeter and shall be UV stabilized to prevent material breakdown and color fading. **Containers will contain a minimum of 30 percent by weight post-consumer regrind (PCR) polyethylene.** Higher levels of recycled content is preferred. Please specify the level of recycled content you can provide in the bid, and if there is an additional cost, please provide separate bid options for containers that meet the 30 percent requirement and containers that have higher recycled content. Upon request, Seller must supply a letter from the resin manufacturer certifying that the post-consumer resin is of like quality. The lid will be manufactured of the same material as the body. PRC polyethylene and ultraviolet stabilizer will be hot melt compounded into base material. The container will have a minimum wall thickness of 0.10".

C. 21-25 Gallon Container - Details

(1) Container capacity	21 U.S. liquid gallons, minimum; 25 U.S. liquid gallons, maximum
(2) Colors	Container: Green (GR65 – PCM#: 347C) Permanent hot stamping: bright white
(3) Dimensions	
Height	28" to 31"
Width	19" to 25"
Depth	9" to 14"
(4) Material	Minimum PCR (30% by Weight)

6. STABILITY

The container shall be stable and self-balancing when in the upright position, when either loaded or empty. When the container is sitting on a surface, it shall sit flat to the surface.

7. COMPRESSIVE FORCE

Each container shall be capable of withstanding a compressive force of 200 pounds in the lifting and dumping process without permanent damage, deformation or structural failure.

8. FINISH

A. Interior surfaces shall have a high-gloss finish.

- B. Containers shall be permanently marked in bright white color, on both sides of the container ("side" is defined as the wider walls of the container), according to the following:

Exterior markings - Side 1

Line 1 text: Portland

Line 2 text: Composts!

Line 3 logo: Chasing arrow recycling logo (prefer filled logo)

Line 4+ text: Container for holding food waste only; City of Portland and the waste hauler take no responsibility for injury or damage resulting from other use.

Exterior markings - Side 2

Line 1 text: Portland

Line 2 text: Composts!

Line 3 logo: Chasing arrow recycling logo (prefer filled logo)

Line 4+ text: This container is the property of the City of Portland and is made of at least 30% post consumer recycled plastic. Contact your waste hauler for questions about your compost collection service.

- C. The city may choose to consider slight variations of the placement of markings on the containers.

ITEM NO. 2	22-27 GALLON PLASTIC FOOD WASTE CONTAINERS AND LIDS
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1. GENERAL

- A. Purpose:** Furnish automated plastic food waste containers, sizes 22-27 gallon, to the City of Portland's (City) Solid Waste and Recycling Division (SW&R). Order will be given on an annual basis. The containers shall be new and unused.

It is anticipated that the City will purchase approximately 400 of the 25 gallon containers in the first year of the contract. Additional containers may be purchased, as needed, during the second-year of the contract, and in following years, if the option to renew is exercised.

Size specified is in U. S. liquid gallons in the body portion of the container only. Containers shall have a volumetric capacity of 22-27 gallons. The City will consider bids of container volume that approximates the stated value, but no less than the specified minimum capacity. Actual container size quoted should be noted on the proposal page.

Wherever in these specifications a manufacturer's name, brand, method of manufacture or model is mentioned, it is understood that the phrase "or approved equal" shall be assumed to follow thereafter whether or not it does in fact. Upon request, any Seller electing to Bid must supply a SW&R representative sample containers within five (5) business days following the bid due date. The sample containers will be supplied at the Seller's expense. Samples will be returned to Seller at Seller's expense or donated to a non-profit organization.

- B. Certification:** The container described herein is intended to be used by the City in collecting recyclables. Each Seller shall provide certification that the containers to be provided to the City meet the requirements set forth in the most recent ANSI Z245.30 and ANSI Z245.60. Sellers shall supply certified copies of the results of each test set forth in the Testing Requirements section of ANSI Z245.30 and ANSI Z245.60 with the Bid. Failure to provide this information may result in rejection of the Seller's Bid. Wherever a certification of an ANSI standard is required in this Bid document, that certification must be provided by a party qualified and officially recognized to perform such analysis. This specification generally describes those attributes sought by the City. The City relies upon the ANSI standards and the skill and judgment of the Seller to propose a suitable product that will meet the City's needs described herein.

- C. Pricing/Price Adjustment:** The contract resulting from this Invitation to Bid shall be binding for two (2) years, from the date of execution through February 28, 2015, and can be subject to three (3) one-year extensions by mutual agreement, at the same terms and conditions, subject to price escalation/de-escalation annually at time of renewal. Written documentation of a price change is required from the successful Bidder thirty (30) days prior to the expiration of the contract.

2. **WARRANTY**

- A. The warranty for these plastic containers shall be submitted and made a part of this Bid. The warranty shall allow for commercial use. The warranty shall cover use up to the maximum load rating.
- B. All containers furnished shall be warranted to be fully functional, in the opinion of the City, for a minimum period of five (5) years. Warranty is to include replacement of containers at no additional cost to the City if they do not withstand normal use. Defects which may breach this warranty include, but are not limited to, the following: cracking, chipping, peeling, distortion, weathering degradation, defective or insufficient material, poor material workmanship on the part of manufacturer and lower ultraviolet resistance to aging in the process of normal operational use.
- C. The Seller shall not be responsible for damage or destruction caused by fire, vandalism, abuse, neglect or Acts of God after the containers have been delivered and accepted.
- D. Containers which the Seller is obligated to replace under the warranty provision shall be promptly replaced **within thirty (30) calendar days** after notice from Buyer. Seller will remove all defective containers at the time the replacement containers are delivered.
- E. If the Seller fails to remove all containers, which were found defective under warranty, within thirty (30) calendar days, Buyer will consider them abandoned and dispose of them at Seller's expense.

3. **QUALITY ASSURANCE**

A certificate of material compliance shall be submitted with each production shipment. This certificate shall adequately identify each material used and the raw material lot number by the resin manufacturer.

4. **CONTAINER DESIGN SPECIFICATIONS**

- A. Container shall meet the standards set forth in the most recent ANSI Z245.30 and ANSI Z245.60. Container shall be capable of being lifted and dumped from any angle. All containers shall be designed to regularly receive and dump a minimum of 3.5 pounds per gallon without permanent damage, deformation, or structural failure. **Seller shall state maximum load rating.**

- B. Fabrication

The containers shall be manufactured from polyethylene with a density greater than 0.933 grams per cubic centimeter and shall be UV stabilized to prevent material breakdown and color fading. **Containers will contain a minimum of 30 percent by weight post-consumer regrind (PCR) polyethylene.** Higher levels of recycled content is preferred. Please specify the level of recycled content you can provide in the bid, and if there is an additional cost, please provide separate bid options for containers that meet the 30 percent requirement and containers that have higher recycled content. Upon request, Seller must supply a letter from the resin manufacturer certifying that the post-consumer resin is of like quality. The lid will be manufactured of the same material as the body. PRC polyethylene and ultraviolet stabilizer will be hot melt compounded into base material. The container will have a minimum wall thickness of 0.10".

- C. 22-27 Gallon Container - Details

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|------------------------|--|
| (1) Container capacity | 22 U.S. liquid gallons, minimum; 27 U.S. liquid gallons, maximum |
| (2) Colors | Green container: GR65 – PCM#: 347C
Permanent hot stamping: Bright white |
| (3) Dimensions | |
| Exterior height | 27" to 29.3" |
| Interior height | 24" to 29" |
| Top diameter | 18" to 23" |
| Bottom diameter | 15" to 18" |

(4) Material Minimum PCR (30% by Weight)

6. LID AND HANDLES

- A. The lid is to be a snap-on lid with two diametrically-positioned handles located on the sides. The lid must be designed in such a manner to ensure that the container will be watertight.
- B. Two handles located near the top of the container must be integrally-molded parts of the container.

7. STABILITY

The container shall be stable and self-balancing when in the upright position, when either loaded or empty. When the container is sitting on a surface, it shall sit flat to the surface. The container shall remain in the upright position when the lid is being removed.

Shall be compatible with:

- 1) Alliance in Mfg, LLC (AIM) #60 Dolly; OR
- 2) Continental 3255 Dolly; OR
- 3) Rubbermaid 2640 Brute Dolly.

Base (indented area of bottom of the can) needs to securely ride on a standard caster set. Please specify if container can twist and lock onto standard caster set. Twist and lock capacity preferred, but not required. Indented area dimensions are 10.75" diameter reducing to 10.5" diameter, 1.5" deep. Busch system is equivalent.

8. COMPRESSIVE FORCE

Each container shall be capable of withstanding a compressive force of 200 pounds in the lifting and dumping process without permanent damage, deformation or structural failure.

9. FINISH

- A. Interior surfaces shall have a high-gloss finish.
- B. Containers shall be permanently marked in bright white color according to the following:

Front of the container:

Line 1 text: Portland

Line 2 text: Composts!

Line 3 logo: Chasing arrow recycling logo (prefer filled logo)

Back of the container text:

Container for holding food waste only; City of Portland and the waste hauler take no responsibility for injury or damage resulting from other use. Container is the property of the City of Portland and is made of at least 30% post consumer recycled plastic. Contact your waste hauler for questions about your compost collection service.

- C. The city may choose to consider slight variations of the placement of markings on the containers.

ITEM NO. 3	32-38 GALLON PLASTIC RECYCLING ROLL CARTS
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1. GENERAL

- A. **Purpose:** Furnish automated plastic recycling containers, sizes 32-38 gallon, to the City of Portland's (City) Solid Waste and Recycling Division (SW&R). Order will be given on an annual basis. The containers shall be new and unused.

It is anticipated that the City will purchase approximately 1,000 of the 32-38 gallon containers in the first year of the contract. Additional containers may be purchased, as needed, during the second-year of the contract, and in following years, if the option to renew is exercised.

Size specified is in U. S. liquid gallons in the body portion of the container only. Containers shall have a volumetric capacity of 32-38 gallons (as specified). The City will consider bids of container volumes that approximate the stated values, but no less than the specified minimum nor greater than the specified maximum capacities. Actual container size quoted should be noted on the proposal page.

Wherever in these specifications a manufacturer's name, brand, method of manufacture or model is mentioned, it is understood that the phrase "or approved equal" shall be assumed to follow thereafter whether or not it does in fact. Upon request, any Seller electing to Bid must supply a SW&R representative with sample containers within five (5) business days following the bid due date. The sample containers will be supplied at the Seller's expense. Samples will be returned to Seller at Seller's expense or donated to a non-profit organization.

B. Certification: The containers described herein are intended to be used by the City in collecting recyclables. Each Seller shall provide certification that the two-wheeled containers to be provided to the City meet the requirements set forth in the most recent ANSI Z245.30 and ANSI Z245.60. Sellers shall supply certified copies of the results of each test set forth in the Testing Requirements section of ANSI Z245.30 and ANSI Z245.60 with the Bid. Failure to provide this information may result in rejection of the Seller's Bid. Wherever a certification of an ANSI standard is required in this Bid document, that certification must be provided by a party qualified and officially recognized to perform such analysis. This specification generally describes those attributes sought by the City. The City relies upon the ANSI standards and the skill and judgment of the Seller to propose a suitable product that will meet the City's needs described herein.

C. Pricing/Price Adjustment: ~~Pricing/Price Adjustment:~~ The contract resulting from this Invitation to Bid shall be binding for two (2) years, from the date of execution through February 28, 2015, and can be subject to three (3) one-year extensions by mutual agreement, at the same terms and conditions, subject to price escalation/de-escalation annually at time of renewal. Written documentation of a price change is required from the successful Bidder thirty (30) days prior to the expiration of the contract.

2. WARRANTY

- A. The warranty for these plastic containers shall be submitted and made a part of this Bid. The warranty shall allow for commercial use. The warranty shall cover use up to the maximum load rating.
- B. When the word "container" is used in this specification, it is defined as a complete unit including a full lid and wheel assembly. All containers furnished shall be warranted to be fully functional, in the opinion of the City, for a minimum period of five (5) years. Warranty is to include replacement of containers at no additional cost to the City if they do not withstand normal use. Defects which may breach this warranty include, but are not limited to, the following: cracking, chipping, peeling, distortion, failures at attachment point for lids, hinges, wheels, other points of attachment, weathering degradation, defective or insufficient material, poor material workmanship on the part of manufacturer and lower ultraviolet resistance to aging in the process of normal operational use. Defective container tubs which are replaced under the warranty provision shall be replaced as completely assembled containers, i.e., with lids and wheels. However, if any portion other than the tub should fail, then only that portion shall be replaced; such as, if the lid should fail, then only the lid shall be replaced.
- C. The Seller shall not be responsible for damage or destruction caused by fire, vandalism, abuse, neglect or Acts of God after the containers have been delivered and accepted.
- D. Containers and hardware which the Seller is obligated to replace under the warranty provision shall be promptly replaced **within thirty (30) calendar days** after notice from Buyer. Seller will remove all defective containers at the time the replacement containers are delivered.
- E. If the Seller fails to remove all containers or container parts, which were found defective under warranty, within thirty (30) calendar days, Buyer will consider them abandoned and dispose of them at Seller's expense.

3. QUALITY ASSURANCE

A certificate of material compliance shall be submitted with each production shipment. This certificate shall adequately identify each material used and the raw material lot number by the resin manufacturer.

4. CONTAINER DESIGN SPECIFICATIONS

A. Container shall meet the standards set forth in the most recent ANSI Z245.30 and ANSI Z245.60-. Container shall be capable of being lifted and dumped from any angle. Every container must be capable of being emptied with fully-automated or semi-automated equipment utilized by waste haulers. All containers shall be designed to regularly receive and dump a minimum of 3.5 pounds per gallon without permanent damage, deformation, or structural failure. **Seller shall state maximum load rating.**

B. Fabrication

The containers shall be manufactured from polyethylene with a density greater than 0.933 grams per cubic centimeter and shall be UV stabilized to prevent material breakdown and color fading. **Containers will contain a minimum of 30 percent by weight post-consumer regrind (PCR) polyethylene.** Higher levels of recycled content is preferred. Please specify the level of recycled content you can provide in the bid, and if there is an additional cost, please provide separate bid options for containers that meet the 30 percent requirement and containers that have higher recycled content. Upon request, Seller must supply a letter from the resin manufacturer certifying that the post-consumer resin is of like quality. The lid will be manufactured of the same material as the body. PRC polyethylene and ultraviolet stabilizer will be hot melt compounded into base material. The container will have a minimum wall thickness of 0.10".

C. 32-38 Gallon Container - Details

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|------------------------|---|
| (1) Container capacity | 32 U.S. liquid gallons, minimum; 38 U.S. liquid gallons, maximum |
| (2) Colors | Container body and lid: Pepsi Blue (BL55 – PCM#: Reflex Blue
Permanent hot stamping: Bright yellow |
| (3) Maximum Dimensions | |
| Height | 39.5" |
| Depth | 25" |
| Width | 20" |
| | Industry-standard grab bar measuring between 15.75" and 17.25" from the ground |
| (4) Material | Minimum PCR (30% by Weight) |

5. LID AND HANDLES

A. Each container shall be furnished with a lid and shall be of such configuration that it shall not warp, bend, slump, or distort to such an extent that it no longer fits the container properly or becomes otherwise unserviceable. The lid shall be attached to the container using a factory produced hinge mechanism and shall continuously overlap the container. **The lid shall open no more than 90 degrees per Oregon Fire Marshal instructions so that it will never stay open on its own.** The method for limiting the 90 degrees of the lid and ensuring that the lid will shut when not held open shall be factory engineered and manufactured, and shall not be readily defeated. Field assembly of factory produced components is acceptable. Straps, ropes or metal components with pinch points are unacceptable. Hinges shall not contain any resin which is not UV stabilized, or have exposed PVC, metal pins, tubes, piano type hinges, or any other metal components.

B. Option 1: The lid shall have a flat surface on top of the lid no smaller than 12" x 4 " so the City may place a self-stick type recycling sticker on it.

Option 2: All lids shall have a full color in-molded glossy lid label (3.25" X 8.5"). A sample in-mold label is available from BPS as an PDF. Vendors who cannot meet specification shall contact BPS.

C. The handle shall be an integrally-molded part of the container body and shall not rotate on its own axis.

6. AXLE

Each container shall have a 5/8" solid steel axle (minimum) that has been electrostatically coated to prevent rust. It shall be attached to the container by means of a molded-in axle sleeve. Pop rivets or piano hinges are not acceptable. The axle shall be amply supported to minimize stress and prevent bending of the axle.

7. WHEELS

The wheels shall be sufficient to support the weight of the cart and a minimum of 3.5 pounds per gallon for each cart without permanent damage, deformation, or structural failure. **Seller shall state load rating for all wheels on all carts.**

8. GRAB BAR

The grab bar will be molded into the container or constructed of tubular steel. The grab bar will be compatible with all domestic lifting devices. Metal grab bars will be constructed of galvanized steel and have a minimum of 1" outside diameter. Metal grab bar should be capable of rotating 360 degrees.

9. STABILITY

The container shall be stable and self-balancing when in the upright position, when either loaded or empty. When the container is sitting on a surface, it shall sit flat to the surface. The container shall remain in the upright position when the lid is being opened.

10. COMPRESSIVE FORCE

Each container shall be capable of withstanding a compressive force of 200 pounds in the lifting and dumping process without permanent damage, deformation or structural failure.

11. FINISH

A. Interior surfaces shall have a high-gloss finish. Exterior surface shall not hinder the container being picked up by a mechanical arm.

B. Containers shall be permanently marked in Bright yellow color as follows:

Exterior markings – Sides

Line 1 Text: Portland

Line 2 Text: Recycles!

Line 3 Logo: Chasing arrow recycling logo (prefer filled logo)

Line 4+ Text: This container is the property of your hauler. The theft of recyclables is punishable by a fine of \$500 or more under Portland City Code. Report all theft to your hauler.

Exterior markings – Front

Container for holding recyclable materials only; City of Portland and the waste hauler take no responsibility for injury or damage resulting from other use. Container is the property of the City of Portland and is made of at least 30% post consumer recycled plastic. Contact your waste hauler for questions about your recycling collection service.

C. The city may choose to consider slight variations of the placement of markings on the containers.

ITEM NO. 4	32-38 GALLON PLASTIC COMPOSTING ROLL CARTS
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1. GENERAL

A. Purpose: Furnish automated plastic food waste containers, sizes 32-38 gallon, to the City of Portland's (City) Solid Waste and Recycling Division (SW&R). Order will be given on an annual basis. The containers shall be new and unused.

It is anticipated that the City will purchase approximately 400 each of the 32-38 gallon food waste containers in the first year of the contract. Additional containers may be purchased, as needed, during the second-year of the contract, and in following years, if the option to renew is exercised.

Size specified is in U. S. liquid gallons in the body portion of the container only. Containers shall have a volumetric capacity of 32-38 gallons (as specified). The City will consider bids of container volumes that approximate the stated values, but no less than the specified minimum nor greater than the specified maximum capacities. Actual container size quoted should be noted on the proposal page.

Wherever in these specifications a manufacturer's name, brand, method of manufacture or model is mentioned, it is understood that the phrase "or approved equal" shall be assumed to follow thereafter whether or not it does in fact. Upon request, any Seller electing to Bid must supply a SW&R representative with sample containers within five (5) business day following the bid due date. The sample containers will be supplied at the Seller's expense. Samples will be returned to Seller at Seller's expense.

B. Certification: The containers described herein are intended to be used by the City in collecting food waste. Each Seller shall provide certification that the two-wheeled containers to be provided to the City meet the requirements set forth in the most recent ANSI Z245.30- and ANSI Z245.60. Sellers shall supply certified copies of the results of each test set forth in the Testing Requirements section of ANSI Z245.30 and ANSI Z245.60 with the Bid. Failure to provide this information may result in rejection of the Seller's Bid. Wherever a certification of an ANSI standard is required in this Bid document, that certification must be provided by a party qualified and officially recognized to perform such analysis. This specification generally describes those attributes sought by the City. The City relies upon the ANSI standards and the skill and judgment of the Seller to propose a suitable product that will meet the City's needs described herein.

C. Pricing/Price Adjustment: Pricing/Price Adjustment: The contract resulting from this Invitation to Bid shall be binding for two (2) years, from the date of execution through February 28, 2015, and can be subject to three (3) one-year extensions by mutual agreement, at the same terms and conditions, subject to price escalation/de-escalation annually at time of renewal. Written documentation of a price change is required from the successful Bidder thirty (30) days prior to the expiration of the contract.

2. WARRANTY

- A. The warranty for these plastic containers shall be submitted and made a part of this Bid. The warranty shall allow for commercial and food waste uses. The warranty shall cover up to the maximum load rating.
- B. When the word "container" is used in this specification, it is defined as a complete unit including a full lid and wheel assembly. All containers furnished shall be warranted to be fully functional, in the opinion of the City, for a minimum period of five (5) years. Warranty is to include replacement of containers at no additional cost to the City if they do not withstand normal use. Defects which may breach this warranty include, but are not limited to, the following: cracking, chipping, peeling, distortion, failures at attachment point for lids, hinges, wheels, other points of attachment, weathering degradation, defective or insufficient material, poor material workmanship on the part of manufacturer and lower ultraviolet resistance to aging in the process of normal operational use. Defective container tubs which are replaced under the warranty provision shall be replaced as completely assembled containers, i.e., with lids and wheels. However, if any portion other than the tub should fail, then only that portion shall be replaced; such as, if the lid should fail, then only the lid shall be replaced.
- C. The Seller shall not be responsible for damage or destruction caused by fire, vandalism, abuse, neglect or Acts of God after the containers have been delivered and accepted.
- D. Containers and hardware which the Seller is obligated to replace under the warranty provision shall be promptly replaced **within thirty (30) calendar** days after notice from Buyer. Seller will remove all defective containers at the time the replacement containers are delivered.
- E. If the Seller fails to remove all containers or container parts, which were found defective under warranty, within thirty (30) calendar days, Buyer will consider them abandoned and dispose of them at Seller's expense.

3. QUALITY ASSURANCE

A certificate of material compliance shall be submitted with each production shipment. This certificate shall adequately identify each material used and the raw material lot number by the resin manufacturer.

4. CONTAINER DESIGN SPECIFICATIONS

- A. Container shall meet the standards set forth in ANSI Z245.30 and ANSI Z245.60. Container shall be capable of being lifted and dumped from any angle. Every container must be capable of being emptied with fully-automated or semi-automated equipment utilized by waste haulers. All containers shall be designed to regularly receive and dump a minimum of 3.5 pounds per gallon without permanent damage, deformation, or structural failure. **Seller shall state maximum load rating.**
- B. Fabrication

The containers shall be manufactured from polyethylene with a density greater than 0.933 grams per cubic centimeter and shall be UV stabilized to prevent material breakdown and color fading. Containers will contain a minimum of 30 percent by weight post-consumer regrind (PCR) polyethylene. Higher levels of recycled content are preferred. Please specify the level of recycled content you can provide in the bid, and if there is an additional cost, please provide separate bid options for containers that meet the 30 percent requirement and containers that have higher recycled content. Upon request, Seller must supply a letter from the resin manufacturer certifying that the post-consumer resin is of like quality. The lid will be manufactured of the same material as the body. PCR polyethylene and ultraviolet stabilizer will be hot melt compounded into base material. The container will have a minimum wall thickness of 0.10". Additionally, the container shall be manufactured in such a way that there is no potential of leakage from the body of the cart, and there are limited crevices, recesses and horizontal surfaces where residual food waste may accumulate on the interior of the cart. The container shall be manufactured in such a way that there are limited protrusions or sharp edges or points on cart interior that could puncture or interfere with the use of a plastic liner.

C. 32-38 Gallon Container - Details

- | | |
|--|---|
| (1) Container capacity | 32 U.S. liquid gallons, minimum; 38 U.S. liquid gallons, maximum |
| (2) Colors | Container body and lid: Green (GR65 – PCM#: 347C)
Permanent hot stamping: bright white |
| (3) Maximum Dimensions | |
| Height | 39.5" |
| Depth | 25" |
| Width | 20" |
| Industry-standard grab bar measuring between 15.75" and 17.25" from the ground | |
| (4) Material | Minimum PCR (30% by Weight) |

5. **LID AND HANDLES**

- A. Each container shall be furnished with a lid and shall be of such configuration that it shall not warp, bend, slump, or distort to such an extent that it no longer fits the container properly or becomes otherwise unserviceable. The lid shall be attached to the container using a factory produced hinge mechanism and shall continuously overlap the container.
- B. The handle shall be an integrally-molded part of the container body and shall not rotate on its own axis.
- C. Option 1: The lid shall have a flat surface on top of the lid no smaller than 12" x 4 " so the City may place a self-stick type recycling sticker on it.

Option 2: All lids shall have a full color in-molded glossy lid label (3.25" X 8.5"). A sample in-mold label is available from BPS as an PDF. Vendors who cannot meet specification shall contact BPS.

6. **AXLE**

Each container shall have a 5/8" solid steel axle (minimum) that has been electrostatically coated to prevent rust. It shall be attached to the container by means of a molded-in axle sleeve. Pop rivets or piano hinges are not acceptable. The axle shall be amply supported to minimize stress and prevent bending of the axle.

7. **WHEELS**

The wheels shall be sufficient to support the weight of the cart and a minimum of 3.5 pounds per gallon for each cart without permanent damage, deformation, or structural failure. **Seller shall state load rating for all wheels on all carts.**

9. **GRAB BAR**

The grab bar shall be molded into the container or formed of tubular steel with a sealed construction to eliminate potential leakage. The grab bar will be compatible with all domestic lifting devices. Metal grab bars will be constructed of galvanized steel and have a minimum of 1" outside diameter. Metal grab bar should be capable of rotating 360 degrees.

10. STABILITY

The container shall be stable and self-balancing when in the upright position, when either loaded or empty. When the container is sitting on a surface, it shall sit flat to the surface. The container shall remain in the upright position when the lid is being opened.

11. COMPRESSIVE FORCE

Each container shall be capable of withstanding a compressive force of 200 pounds in the lifting and dumping process without permanent damage, deformation or structural failure.

12. FINISH

- A. Interior surfaces shall have a high-gloss finish. Exterior surface shall not hinder the container being picked up by a mechanical arm.
- B. Containers shall be permanently marked in Bright white color as follows:

Exterior markings – Sides

Line 1 Text: Portland

Line 2 Text: Composts!

Line 3 Logo: Chasing arrow recycling logo (prefer filled logo)

Line 4+ Text: This container is the property of your hauler. The theft of compostables is punishable by a fine of \$500 or more under Portland City Code. Report all theft to your hauler.

Exterior markings – Front

Container for holding compostable materials only; City of Portland and the waste hauler take no responsibility for injury or damage resulting from other use. Container is the property of the City of Portland and is made of at least 30% post consumer recycled plastic. Contact your waste hauler for questions about your compost collection service.

- C. The city may choose to consider slight variations of the wording and placement of markings on the containers.