



City of Tacoma, WA

ENVIRONMENTAL SERVICES

REQUEST FOR BIDS

**20, 30, 45, 60, & 90-GALLON
PLASTIC CONTAINERS WITH RFID TAGS
(Rebid)**

SPECIFICATION NO. ES21-0556F



City of Tacoma

Environmental Services/Solid Waste Management

REQUEST FOR BIDS ES21-0556F

Solid Waste Management Plastic 20, 30, 45, 60, and 90-Gallon Containers with RFID Tags (Rebid)

Submittal Deadline: 11:00 a.m., Pacific Time, Tuesday, October 5, 2021

Submittal Delivery: Sealed submittals will be received as follows:

By Email:

bids@cityoftacoma.org

Maximum file size: 35 MB. Multiple emails may be sent for each submittal

Bid Opening: Held virtually each Tuesday at 11AM. Attend [via this link](#) or call 1 (253) 215 8782.

Submittals in response to a RFP will be recorded as received. As soon as possible, after 1:00 PM, on the day of submittal deadline, preliminary results will be posted to www.TacomaPurchasing.org.

Solicitation Documents: An electronic copy of the complete solicitation documents may be viewed and obtained by accessing the City of Tacoma Purchasing website at www.TacomaPurchasing.org.

- [Register for the Bid Holders List](#) to receive notices of addenda, questions and answers and related updates.
- Click here to see a [list of vendors registered for this solicitation](#).

Pre-Proposal Meeting: A pre-proposal meeting will not be held.

Project Scope: Purchase 20, 30, 45, 60, and 90-gallon plastic containers with RFID tags for Solid Waste Management garbage/waste, recycle, and yard/food waste/compost.

Paid Leave and Minimum Wage: Effective February 1, 2016, the City of Tacoma requires all employers to provide paid leave and minimum wages, as set forth in Title 18 of the Tacoma Municipal Code. For more information visit www.cityoftacoma.org/employmentstandards.

Americans with Disabilities Act (ADA Information: The City of Tacoma, in accordance with Section 504 of the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA), commits to nondiscrimination on the basis of disability, in all of its programs and activities. Specification materials can be made available in an alternate format by emailing Gail Himes at ghimes@cityoftacoma.org, or by calling her collect at 253-591-5785.

Federal Title VI Information:

“The City of Tacoma” in accordance with provisions of Title VI of the Civil Rights Act of 1964, (78 Stat. 252, 42 U.S.C. sections 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin in consideration of award.

Additional Information: Requests for information regarding the specifications may be obtained by contacting Samol Hefley, Senior Buyer by email to shefley@cityoftacoma.org

Protest Policy: City of Tacoma [protest policy](#), located at www.tacomapurchasing.org, specifies procedures for protests submitted prior to and after submittal deadline.




Meeting sites are accessible to persons with disabilities. Reasonable accommodations for persons with disabilities can be arranged with 48 hours advance notice by calling 253-502-8468.

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SUBMITTAL CHECK LIST

This checklist identifies items to be included with your submittal. Any submittal received without these required items may be deemed non-responsive and not be considered for award. Submittals must be received by the City of Tacoma Purchasing Division by the date and time specified in the Request for Bids page.

The following items make up your submittal package:	
One electronic copy of your entire submittal emailed to bids@tacomapurchasing.org.	
Signature Page (Appendix A)	
Price Proposal Form	
Information in Section 22	
After award, the following documents will be executed:	
Services Contract (Appendix B)	
Certificate of Insurance and related endorsements (Appendix C)	

1. BACKGROUND

The City of Tacoma Solid Waste Management is a publicly owned utility providing solid waste collection, recycling, and disposal to approximately 58,000 residential and 5,000 commercial customers residing in the City of Tacoma. Residential customers and small quantity waste generating commercial customers utilize plastic containers provided by Solid Waste Management for waste collection. Currently more than 250,000 plastic waste containers ranging from 20-gallon to 90-gallon in size are distributed to Solid Waste Management customers. The provided containers will be distributed to new and existing customers when current supplies reach the end of their lifecycle and/or become unusable.

Solid Waste Management (SWM) Division is soliciting bids from qualified firms to furnish automated (universal) plastic containers for a three-year period, with three (3) one-year options to renew. These plastic containers will be utilized by the City's Solid Waste Management (SWM) Division for the collection of solid waste, recyclables and organic waste.

It is anticipated that this contract will be awarded to a single vendor to provide all products identified in this bid specification, however the City reserves the right to award the contract to multiple vendors. The City intends to purchase the following sizes and estimated quantity of containers during the first three years of the contract. Additional containers may be purchased, as needed, during the fourth, fifth and sixth year of the contract, if the option(s) to renew is exercised. Delivery of the containers may start with the award to the successful bidder.

20 – gallon containers:	<u>300</u>
30 – gallon containers:	<u>5,400</u>
45 – gallon containers:	<u>3,000</u>
60 – gallon containers:	<u>8,400</u>
90 – gallon containers:	<u>27,000</u>

The City reserves the right to increase or decrease quantities under the contract and pay according to the unit prices quoted in the proposal. The quantities shown are estimates only and not a guarantee of any particular dollar or unit volume.

The size specified shall be in U.S. liquid gallons and identified in the body portion of the container only. Wherever these specifications requests a specific container volume, it is acceptable to offer slight variations; described in **Appendix D: Technical Specifications, section Detailed Specifications**. The actual size quoted must be noted on the proposal page. Failure to provide samples prior to bid opening may result in your bid being rejected.

2. MINIMUM REQUIREMENTS

Wherever in these specifications a manufacturer's name, brand, method of manufacturer or model is mentioned, it is understood that the phrase "or approved equal" shall be assumed to meet design and quality standards described in the container specifications. Any vendor electing to bid must supply the SWM representative sample containers. The samples should be clearly labeled, preferably on the lid, with "Test Sample", company name, and container size by **September 30, 2021**. The sample containers will be supplied at the vendor's expense. Bidders shall contact Joe Breer at (253) 594-7816 for delivery arrangements of sample containers.

3. CALENDAR OF EVENTS

This is a tentative schedule only and may be altered at the sole discretion of the City.

Contract may be issued after City Council approval.

The anticipated schedule of events concerning this RFB is as follows:

Sample Container Deadline:	9/30/2021
Question Deadline:	9/24/2021
City response to Questions:	10/1/2021
Submittal Due Date:	10/5/2021
Anticipated Award Date:	10/20/2021
Public Utility Board/City Council Approval:	October 2021

4. INQUIRIES

4.1 Questions and request for clarifications of the specifications may be submitted in writing by 3:00 p.m., Pacific Time, September 24, 2021, to Tisha Rico, Purchasing Division, via email to Trico@cityoftacoma.org. Subject line to read:

ES21-0556F – Plastic Containers with RFID Tags – *VENDOR NAME*

4.2 No further questions will be accepted after this date and time.

4.3 Questions marked confidential will not be answered or included.

4.4 The City reserves the discretion to group similar questions to provide a single answer or not to respond when the requested information is confidential.

4.5 The answers are not typically considered an addendum. In the event it becomes necessary to revise any part of this RFB, addenda will be issued to all registered plan holders and posted on the Purchasing website.

4.6 The City will not be responsible for unsuccessful submittal of questions.

4.7 Written answers to questions will be posted in the event approximately one week after the question deadline.

5. PRE-BID MEETING

No pre-proposal meeting will be held; however, questions and request for clarifications of the specifications may be submitted as stated in the inquiries section.

6. DISCLAIMER

The City is not liable for any costs incurred by the Respondent for the preparation of materials or a proposal submitted in response to this RFB, for conducting any presentations to the City, or any other activities related to responding to this RFB, or to any subsequent requirements of the contract negotiation process.

7. DELIVERY

The contractor will deliver and stage all trash stations to the Solid Waste Management (SWM) Recovery and Transfer Center (RTC) on a mutually agreed upon schedule. Seller must arrange for all deliveries to the Tacoma Recovery and Transfer Center (RTC). Delivery will be between the hours of 8:00 a.m. and 2:00 p.m.,

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Monday through Friday. SWM personnel will be available to assist in the unloading as long as arrangements are made with SWM three (3) business days prior to delivery.

The vendor will be required to make the initial delivery of containers over a period of six (6) weeks, unless otherwise agreed upon by SWM. The successful bidder will be required to deliver containers and all associated parts in an organized manner. The vendor will be required to confirm the container serial numbers at the time of purchase order and will be denoted on the packing slip and invoices. RFID numbers for correlating serial numbers must be provided prior to delivery.

The vendor is required to have the merchandise delivered within five six (6) weeks of the confirmed purchase order for all subsequent deliveries after the initial order. SWM has the option to impose a \$100.00 per day charge to the vendor for failure to deliver in the required time period. The vendor shall not, however, be responsible for delays in delivery due to acts beyond the manufacturer's reasonable control, or due to an act of god, fire, strikes, epidemics, war, riots, unavoidable delay in transportation or rail car/transport shortages, or documented unavoidable material shortages, provided the City is notified in writing by the vendor of such pending or actual delay and the reasons therefore. If deemed excusable, the City shall authorize an extension of time. In the event of such an excusable delay, the date of delivery shall be extended for a period equal to the time lost due to the reason for delay. Any damage assessment or extensions of time are to be authorized by written purchase order changes issued by the City of Tacoma.

Contractor is responsible for all parts, materials and other necessary equipment for containers until acceptance. Acceptance will be determined after being inspected by City personnel. Any defective containers or parts, which are rejected for any reason, shall be removed from the site. The Seller has thirty (30) days to remove such defective material.

The SWM RTC is located at:
3510 S. Mullen Street
Tacoma, WA 98409-2200

8. CONTRACT TERM

The contract will be for a three-year period, option to renew the contract three additional one-year terms and is subject to the price increase/decrease provisions per the Price Adjustments section. The contract term begins with a 180-day trial period. During the trial period, the vendor must perform in accordance with all terms and conditions of the contract. Failure to perform during this trial period may result in the immediate cancellation of the contract. If the contract is terminated within the trial period, the City reserves the option to award the contract to the next highest ranking bidder by mutual agreement with such bidder. Any new award will be for the remainder of the contract and will also be subject to this trial period

9. RESPONSIVENESS

Bid submittals must provide ninety (90) days for acceptance by City from the due date for receipt of submittals. All submittals will be reviewed by the City to determine compliance with the requirements and instructions specified in this RFB. The Respondent is specifically notified that failure to comply with any part of this RFB may result in rejection of the submittal as non-responsive. The City reserves the right, in its sole discretion, to waive irregularities deemed immaterial. The City also reserves the right to not award a contract or to issue subsequent RFB's.

10. AWARD

Award will be made to the lowest responsive, responsible bidder. All bidders shall provide unit or lump sum pricing for each line item. Each line item will be added up for a subtotal price. The subtotal price will be compared amongst each bidder, including any payment discount terms. The final selection, if any, will be that

proposal which, after review of submissions and potential interviews, in the sole judgement of the City, best meets the requirements set forth in this RFB.

11. PRICE ADJUSTMENTS

Bid submittal prices will establish a base against which Contractors may request price adjustments per the following terms:

Bid submittal prices shall be firm for the initial 12-month contract period and will establish a base price against which the Contractor may request price adjustments for the second, third, fourth, fifth and sixth 12-month contract periods. Only one price increase shall be accepted for each contract year. Requests for price adjustments shall be in writing and shall be submitted 45 days prior to each 12-month contract period per the requirements contained in this section.

Bidder proposals must include the weight of the resin in the body and lid only of each size container and the cost of the resin per pound on which this quotation is based. If resin costs are proprietary information, they can be supplied in a separate sealed envelope marked "Resin Costs, Confidential: to remain confidential. Escalation/de-escalation will be allowed only on the cost of the resin relative to the weight of the container. For bidding and Price Increase/Decrease purposes, resin prices shall be based on published prices, as posted weekly, in Plastic News under HDPE Injection Molding-General Purpose (GP) or other applicable Producer Price Indexes that best represents materials used by the manufacturer. For the purpose of evaluating submittals, resin prices shall be based on the published price in effect on the Request for Bids posting date.

Any proposed increase/decrease in price to contract line items must be beyond the control of the vendor and may not be for the purpose of increased profit margin. Any potential price increase/decrease must be approved by the City's Purchasing Division.

The City reserves the right to accept or reject all such price adjustments.

12. WARRANTY – If Applicable

The warranty for these plastic containers shall be submitted and made a part of the bid. Failure to provide warranty documents with submittals may result in your bid being rejected

12.1 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 period of seven (7) years. 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 the manufacturer and lower ultraviolet resistance to aging in the process or normal operational use. Defective container tubs, which are replaced under the warranty provision, shall be replaced with all associated hardware. 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.

12.2 The Contractor shall not be responsible for damage or destruction caused by fire, vandalism, abuse, neglect or force majeure after the containers have been delivered and accepted.

12.3 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 the City.

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12.4 If the Contractor 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.

Contractor shall provide a warranty against infringement as set forth in Section 62A.2-312(3), of the Revised Code of Washington, and the submittal of a bid shall constitute an express warranty by the Seller that the goods are to be delivered free of any patent, trademark, copyright or similar claims. Seller further agrees that the specifications furnished herein shall not abrogate Seller's warranty.

13. INSPECTION

All goods are subject to final inspection and acceptance by the City. If any inspection fails, the vendor shall be required to make arrangements to exchange the goods at their own expense and replace it in a timely manner acceptable to the City.

Material failing to meet the requirements of this contract will be held at Vendor's risk and may be returned to Vendor. If so returned, the cost of transportation, unpacking, inspection, repackaging, reshipping, or other like expenses are the responsibility of the Vendor.

14. REPORTS

After the conclusion of the contract, upon request from the City to facilitate a new bid process, contractor shall furnish a list that cross references the manufacturer model numbers specified in this bid to the current model numbers.

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. The tubs shall have the month and year manufactured and a manufactured material identification code molded into the tub.

15. APPROVED ITEM EQUIVALENT

Wherever a manufacturer's name, brand, method of manufacturer or model is mentioned, it is understood that the phrase "or approved equal" shall be assumed to meet design and quality standards described in the container specifications.

A specific manufacturer for almost all line items has been listed in the Technical Specifications because this is the current manufacturer accepted. For those line items, which do not list a specific manufacturer, bidders shall provide the technical specifications for the manufacturer they are offering. The City may request, after the bid due date, a sample of that product for review and approval by the City. The City reserves all rights to be the sole judge as to whether any other manufacturer can meet or exceed the current specifications they use. Unless an item is indicated "No Substitute", approved equivalents shall be submitted by the date listed in the Calendar of Events section. Equivalents will be approved by Addendum to the solicitation.

16. COMPLIANCE WITH SPECIFICATIONS

All products shall be new and unused. Any product that does not comply with any part of these technical specifications shall be rejected and the vendor shall, at its own expense, including shipping, replace the item.

17. MATERIALS AND WORKMANSHIP

The successful bidder shall be required to furnish all materials necessary to meet contractual requirements. Materials and workmanship for this contract shall conform to all codes, regulations and requirements for such specifications contained herein and the normal uses for which intended. Material shall be manufactured in

accordance with the best commercial practices and standards for this type of goods. All literature and products must be packaged and labeled to sell in the United States.

18. DAMAGED GOODS

The vendor shall replace any orders that are damaged in transit. They will be notified by the City and they must arrange to have damaged orders picked up and replaced within 30 days of notice (excluding weekends and holidays). Vendor will pay all expenses incurred to ship damaged goods back to manufacturer or their own warehouse.

19. UPDATED PRODUCTS

During the contract term, if items on the contract are being replaced and updated by the manufacturer, the supplier may submit the manufacturer information, technical specifications and pricing to the City for consideration. The supplier shall provide this updated product information to the City as soon as it becomes available by the manufacturer. The City will work with Purchasing Division to review the information submitted and either accept or reject the product. If the replacement product is not approved, the vendor will be notified and the current item on the contract will be removed. Because of fixed pricing, the replacement item must be offered at the same price.

20. PRODUCT DISCONTINUED

During the contract term, if the supplier discontinues carrying any of the contracted items, they must notify the City and the Purchasing office within 30 calendar days. The City reserves the right to seek other suppliers to supply those items or purchase directly from the manufacturer or their designated distributor until the contract term ends.

21. QUANTITIES AND PURCHASE ORDERS

The quantities listed are an estimate only using historical data gathered from the previous 5 years. Delivery will be according to purchase order on an as-needed basis throughout the period of the contract.

22. CONTENT TO BE SUBMITTED

Bids containing any substantial deviation may be rejected as non-responsive. It is agreed that you will perform according to the highest standard indicated.

Prices shall be quoted F.O.B. Destination, freight prepaid and allowed.

22.1 Complete the Price Proposal Form Appendix A

22.2 Submit escalation not to exceed percentage for 2nd year

22.3 Submit escalation not to exceed percentage for 3rd year

22.4 State your proposed delivery time, in calendar days, following receipt of a purchase order and all subsequent purchase orders during the term of the Contract

22.5 Are warranties equal to or do they exceed those specified in this solicitation

22.6 Submit proposed guarantee and/or warranty information

22.7 Specify the Prompt Payment Discount percentage. Payment discount periods of twenty (20) calendar days or more will be considered in determining lowest responsible bid

22.8 Provide a statement regarding your ability to meet the City's credit card requirements (below) as well as identifying your reporting capabilities (Level I, II, or III). This information is not a consideration in the evaluation process.

The City of Tacoma promotes the acquisition of goods and services in a manner that is consistent with the principles of environmental stewardship. The Solid Waste Management Division reserves the right to select a vendor that not only uses recycled content in their product containers but also recycle used and/or damaged "City of Tacoma" plastic containers. As an option to this contract, bidders are requested to provide a quote for recycling of damaged containers. The containers will be picked up and transported by the vendor at no cost to the City.

23. ENVIRONMENTALLY PREFERABLE PROCUREMENT

In accordance with the City of Tacoma's [Sustainable Procurement Policy](#), it is the policy of the City of Tacoma to encourage the use of products or services that help to minimize the environmental and human health impacts of City Operations. Respondents are encouraged to incorporate environmentally preferable products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison may consider raw materials acquisition, products, manufacturing, packaging, distribution reuse, operation, maintenance or disposal of the product or service.

The City of Tacoma encourages the use of sustainability practices and desires any awarded contractor(s) to assist in efforts to address such factors when feasible for:

- Reduction of pollutant releases
- Toxicity of materials used
- Waste generation
- Greenhouse gas emissions, including transportation of materials and services
- Recycle content
- Comprehensive energy conservation measures
- Waste manage reduction plans
- Potential impact on human health and the environment

24. EQUITY IN CONTRACTING

The City of Tacoma is committed to encouraging firms certified through the [Washington State Office of Minority and Women's Business Enterprise](#) to participate in City contracting opportunities. See the TMC 1.07 Equity in Contracting Policy at the City's [Equity in Contracting Program website](#).

25. PROPRIETARY OR CONFIDENTIAL INFORMATION

The Washington State Public Disclosure Act ([RCW 42.56 et seq.](#)) requires public agencies in Washington make public records available for inspection and copying unless they fall within the specified exemptions contained in the Act, or are otherwise privileged. Documents submitted under this RFB shall be considered public records and, with limited exceptions, will be made available for inspection and copying by the public.

Information that is confidential or proprietary must be clearly marked. Further, an index must be provided indicating the affected page number(s) and location(s) of all such identified material. Information not included in said index will not be reviewed for confidentiality or as proprietary. Contractor agrees to indemnify and hold harmless the City, its officials, officers, agents and employees from and shall defend, at its sole expense, any

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and all claims, demands, damages, suits at law or at equity, losses, judgments, liens and costs arising out of or occasioned by the actual or alleged infringement of any patent, trademark, copyright or similar claims. In the event of recovery due to the aforementioned circumstances, the vendor shall pay any judgment or lien arising there from, including any and all costs, including attorney fees, as part thereof.

Contractor agrees to indemnify and hold harmless the buyer from any and all license, royalty and proprietary fees or costs, including legal costs, which may arise out of the buyer's purchase and use of plastic containers supplied by Contractor.

It is expressly agree by Contractor that these covenants are irrevocable and perpetual.

Appendix A

Signature Page

Price Proposal Form

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BID PROPOSAL SHEET (Page 1)

SPECIFICATION No. ES21-0556F

Name of Bidder: _____

A. Provide list of customers currently using the quoted containers: (Include company name, contact person, email and telephone)

1. _____

2. _____

3. _____

B. Specify the material of which the containers are made: _____

C. Specify the percentage of recycled content: _____

D. Specify body size of containers offered, based on ANSI A245.30-2008 standards for measuring volumetric loading capacity, in U.S. liquid gallons:

20 – gallon: _____; 30 – gallon: _____; 45 – gallon: _____;

60 – gallon: _____; 90 – gallon: _____;

E. Weight of resin, body and lid only, to establish basis for price escalation / de-escalation:

20 – gallon: _____; 30 – gallon: _____; 45 – gallon: _____;

60 – gallon: _____; 90 – gallon: _____;

F. Cost of resin per pound on which this quotation is based, to establish basis for escalation / de-escalation, _____pound.

G. Provide describe all exceptions that do comply with general requirements and technical specifications described in this request for bids:

-
-
- H. Bidder has attached manufacturer's complete container specifications (yes/no) _____
- I. Bidder has provided certified copies of ANSI test results (yes/no) _____

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BID PROPOSAL SHEET (Page 2)
SPECIFICATION NO. ES21-0556F

Name of Bidder: _____

We the undersigned, hereby agree to furnish the following per the specification, F.O.B. Destination 3510 S. Mullen St, Tacoma, WA, 98409-2200, freight prepaid and allowed.

Bidder shall submit one original bid and one copy. If bidder wishes to submit alternate bids, copy the appropriate bid pages and submit any alternate bids in a separate envelope.

The unit bid price and total price must be shown in the spaces provided. Total price shall be determined by multiplying the unit price by the estimated quantity. Unit prices shall be FOB destination freight prepaid and allowed. Surcharges are not allowed. Bidders are requested to provide the unit cost for all line items included in the Bid Proposal Document. Items without estimated quantities shall be sold separately and are not to be included in the total cost proposal.

Failure to comply may result in your bid being declared unresponsive and rejected.

ITEM	EST.		BID	UNIT	TOTAL
<u>NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PRICE</u>	<u>PRICE</u>
1.	300	20-Gallon Plastic Container – Assembled	<u>EA</u>	\$ _____	\$ _____
		1a. 20-Gallon Plastic Container – Assembled with different colored lid	<u>EA</u>	\$ _____	\$ _____
		1b. 20-Gallon Plastic Lid	<u>EA</u>	\$ _____	\$ _____

ITEM	EST.		BID	UNIT	TOTAL
<u>NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PRICE</u>	<u>PRICE</u>
2.	5,400	30-Gallon Plastic Container – Assembled	<u>EA</u>	\$ _____	\$ _____
		2a. 30-Gallon Plastic Container –			

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Assembled with different colored lid	<u>EA</u>	\$ _____	\$ _____
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2b. 30-Gallon Plastic Lid	<u>EA</u>	\$ _____	\$ _____
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ITEM	EST.		BID	UNIT	TOTAL
<u>NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PRICE</u>	<u>PRICE</u>

3.	3,000	45-Gallon Plastic Container – Assembled	<u>EA</u>	\$ _____	\$ _____
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3a. 45-Gallon Plastic Container –

Assembled with different colored lid	<u>EA</u>	\$ _____	\$ _____
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3b. 45-Gallon Plastic Lid	<u>EA</u>	\$ _____	\$ _____
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BID PROPOSAL SHEET (Page 3)

SPECIFICATION NO. ES21-0556F

Name of Bidder: _____

ITEM	EST.		BID	UNIT	TOTAL
<u>NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PRICE</u>	<u>PRICE</u>

4.	8,400	60-Gallon Plastic Container – Assembled	<u>EA</u>	\$ _____	\$ _____
		4a. 60-Gallon Plastic Container –			
		Assembled with different colored lid	<u>EA</u>	\$ _____	\$ _____
		4b. 60-Gallon Plastic Lid	<u>EA</u>	\$ _____	\$ _____

ITEM	EST.		BID	UNIT	TOTAL
<u>NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PRICE</u>	<u>PRICE</u>

5.	24,000	90-Gallon Plastic Container – Assembled	<u>EA</u>	\$ _____	\$ _____
		5a. 90-Gallon Plastic Container –			
		Assembled with different colored lid	<u>EA</u>	\$ _____	\$ _____
		5b. 90-Gallon Plastic Lid	<u>EA</u>	\$ _____	\$ _____

ITEM	EST.		BID	UNIT	TOTAL
<u>NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PRICE</u>	<u>PRICE</u>

7. Grab Bar EA \$_____ \$_____

TOTAL (Items 1 – 5 including sales tax) \$ _____

Appendix B

Sample Contract

Appendix C

Insurance Requirements

Standard Terms and Conditions

Contractor and Vendor Environmental and Sustainability Management System Information Sheet



Contractor and Vendor Environmental and Sustainability Management System Information Sheet

Welcome. The City of Tacoma Solid Waste Management Division (SWM) operates under an ISO 14001 Environmental and Sustainability Management System (ESMS). An ESMS is a process with procedures that will allow the SWM to operate legally, safely, and efficiently while reducing the environmental impacts of our activities. All contractors and vendors are required to comply with the ESMS and Environmental Policy published on the other side of this document. As part of the ESMS the SWM has identified the following three Significant Environmental Aspects:

- **Air Emissions:** Reduce air emissions from collection trucks
- **Potential Spills:** Reduce the number of spills
- **Fire Potential:** Reduce frequency of trailer fires and firefighter discharges to storm
- **Resource Consumption:** Reduce contamination in residential recycling stream

Contractors and vendors must ensure that their activities do not negatively affect the Significant Environmental Aspects.

All contractors and vendors are required to adhere to the following safety rules and requirements:

GENERAL SAFETY RULES

- **Restricted Access:** Contractors and vendors shall stay within the designated areas.
- **Smoking:** Smoking is prohibited in the building and within 25 feet of windows and doors
- **Eye and Hearing Protection:** Eye and Hearing protection is required in designated areas. Designated hearing protection areas are marked with appropriate signs.
- **Accidents, near misses, and first aid:** Contractors, truck drivers and visitors are required to report all accidents, near misses, and first aid incidents to a City employee.
- **Drugs and Alcohol:** Alcoholic beverages and illicit drugs are prohibited on City property.
- **Guns:** Contractors are prohibited from carrying guns on City property.
- **Emergency Procedures:** Follow directions announced over Public Address system or from SWM employees. To report a fire or emergency, contact any SWM employee.
- **Vehicle Safety:** Be aware and cautious of vehicle and pedestrian traffic.

CONTRACTOR REQUIREMENTS

Contractors are expected to understand and comply with all federal, state and local safety regulations and work practices applicable to the activities they perform. These include, but are not limited to:

- Storage, handling and use of flammable liquids and hazardous materials and hazardous wastes
- Periodic safety inspections and housekeeping.
- Use of fall protection while working at heights.
- Following electrical safety practices and lock out /tag out procedures.
- Proper use of Personal Protective Equipment.
- Proper maintenance and use of ladders and other equipment.
- Contractors are responsible for removing and the proper disposal of any hazardous materials or hazardous wastes utilized or generated while on-site at the SWM.
- Contractors may not dispose of any chemical or waste on-site.
- Contractors must notify the Project Manager immediately of any spills or leaks.
- Requirements outlined in the signed contract or agreement to perform the contracted work.

Agreements acknowledging you have read and understood this information must be signed prior to starting work. It is the responsibility of the contracting company to ensure anyone working for or on their behalf adhere to these requirements.



City of Tacoma
Environmental Services

ESMS Policy – 6.2-2 Environmental Policy

The City of Tacoma, Environmental Services Department believes that everything we do supports healthy neighborhoods and a thriving Puget Sound, leaving a better Tacoma for all.

As such, the Environmental Policy serves as written communication of the department's intent to implement sustainable, innovative solutions that measure and improve our environmental performance through a formal Environmental and Sustainability Management System (ESMS).

Through this policy the City of Tacoma, Environmental Services Department commits to:

- Environmental protection and sustainability in the planning stages of new programs, construction, and in all work conducted;
- Compliance with all applicable local, state, and federal regulations and policies verified and supported by regularly-scheduled internal reviews;
- Minimization of significant environmental impacts identified in the ESMS by establishing environmental and sustainability objectives, targets, and programs;
- Evaluation of the effectiveness of the environmental performance to ensure that established objectives, targets, and programs are met;
- Provide necessary education and tools to all staff and those working on their behalf in order to successfully carry out this policy in their daily responsibilities and work functions; and
- Strive for continuous improvements in sustainability through life cycle thinking, environmental consciousness, and pollution prevention.

The City of Tacoma, Environmental Services Department's Environmental Policy will be communicated to all staff and those working on their behalf, including all contractors and vendors, and will be made available to the public via the City of Tacoma, Environmental Services Department's website. In order to fulfill the commitments made in this policy, all staff and those working on their behalf are responsible for incorporating this policy into their plans and work.

Michael P. Sievin III, P.E.
Environmental Services Director

19 JUN 18

Date

Appendix D

Technical Specifications

Technical Specifications

Detailed Specifications

GENERAL

It is anticipated that this contract will be awarded to a single vendor to provide all products identified in this bid specification, however the City reserves the right to award the contract to multiple vendors. The City intends to purchase the following estimated quantity of containers during the first three years of the contract. Additional containers may be purchased, as needed, during the fourth, fifth and sixth year of the contract, if the option(s) to renew is exercised. Delivery of the containers may start with the award to the successful bidder.

20 – gallon containers:	<u>300</u>
30 – gallon containers:	<u>5,400</u>
45 – gallon containers:	<u>3,000</u>
60 – gallon containers:	<u>8,400</u>
90 – gallon containers:	<u>27,000</u>

The size specified shall be in U.S. liquid gallons and identified in the body portion of the container only. Wherever these specifications requests a specific container volume, it is acceptable to offer slight variations that are described under container dimension details. The actual size quoted must be noted on the proposal page.

- A. Quantities – The City reserves the right to increase or decrease quantities under the contract and pay according to the unit prices quoted in the proposal. The quantities shown are estimates only and not a guarantee of any particular dollar or unit volume.
- B. Certification – The containers herein described are intended to be utilized by the City for the collection of solid waste, recyclables and organic waste. Each vendor shall provide certification that the two-wheeled containers to be provided to the City meet the requirements set forth in ANSI Z245.30-2008 and ANSI Z245.60-2008. Vendors shall supply certified copies of the results of each test set forth in the Testing Requirements section of ANSI Z245.30-2008 and ANSI Z245.60-2008 with the bid. Failure to provide this information may result in rejection of the vendor'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 produce that will meet the City's needs described herein.

Design Specifications

- C. Container shall meet the standards set forth in ANSI Z245.30-2008 and ANSI Z245.60-2008. The containers shall be designed to be picked up and dumped by a gripping device that applies a compressive radial force of 200 pounds without damaging the container at a point below the top edge (fully automated) or attached to a tipping device (semi-automated). 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 the City. Container and lid shall be able to go through a 32" opening. Container shall be designed to regularly receive and dump the following weight relative to the size of the container.

20 – gallon containers: 70 lbs.

30 – gallon containers: 112 lbs.

45 – gallon containers: 160 lbs.

60 – gallon containers: 220 lbs.

90 – gallon containers: 330 lbs.

- D. Fabrication - The containers shall be manufactured from first quality 100% virgin medium or high-density polyethylene from a nationally-recognized supplier (e.g. Phillips, Dow, Dupont, etc.). Containers will have a minimum of 15% by weight of post-consumer regrind (PCR) polyethylene. Virgin and post-consumer regrind polyethylene will contain a minimum of one-half of 1% by weight, ultraviolet stabilized to protect against physical and color deterioration. Container body below the lid shall be one piece and either rotationally or injection molded. The lid will be manufactured of the same material as the body and be of the same molding process as the body. Disclosed variations that meet minimum structural requirements may be considered. PRC polyethylene and ultraviolet stabilized will be hot melt compounded into base material. The container will have a minimum wall thickness of 0.125 inches.
- E. 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 wheels shall be off the ground slightly so as to not make the container unstable. Containers, when empty, shall be capable of maintaining its upright position in sustained or gusting winds up to 25 miles per hour as applied from any direction. The container shall remain in the upright position when the lid is being opened and/or in the open position.
- F. 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.
- G. Finish
- a. Interior surfaces shall have a high-gloss finish. Exterior surfaces shall be non-slip for easier pickup and not hinder the container being picked up by a mechanical arm.
 - b. The plastic containers shall be hot stamped in contrasting color with a unique alpha-numeric consecutive serial number on the front or side of the container. The City will provide serial number sequence at the time of request. The City of Tacoma Logo and the words "City of Tacoma" shall be hot stamped in contrasting color on both sides of the container.
 - c. Container color options shall include green, blue, brown and gray.
 1. 20 Gallon – Green
 2. 30 Gallon – Blue, Brown, Green
 3. 45 Gallon – Green
 4. 60 Gallon – Blue, Brown, Green, Gray
 5. 90 Gallon – Blue, Brown, Green
- H. Radio Frequency Identification Tags (RFID) – Each container shall be installed with a passive, not requiring a power source, Radio Frequency Identification (RFID) tag meeting EPC global Ultra High Frequency (UHF) Class 1 Gen 2 (ISO 18000-6C) standard. The tag shall allow operations within frequencies compliant with the Federal Communications Commission (FCC) regulations and permit

reading with a universal non-proprietary RFID reader. The RFID tag shall be fully encapsulated within the container or handle in a tamper resistant way, which does not allow the removal of the tag unless the container is physically manipulated and/or taken apart. The RFID tag shall not be in direct contact with the contents of the container at any time. Alternative RFID tag locations shall be approved in writing prior to procurement, order or delivery. Tag EPC shall provide unique and customizable City provided EPC matching the associated serial number and container combination.

I. Container Dimensions

a. 20 – Gallon Container

1. 20 through 25 U.S. liquid gallons accepted (no larger)
2. 40" maximum height
3. 16" to 20" hip or gripping surface diameter
4. 24" maximum bottom diameter
5. 29" maximum width

b. 30 – Gallon Container

1. 30 through 35 U.S. liquid gallons accepted (no larger)
2. 40" maximum height
3. 16" to 22" hip or gripping surface diameter
4. 24" maximum bottom diameter
5. 29" maximum width

c. 45 – Gallon Container

1. 45 through 48 U.S. liquid gallons accepted (no larger)
2. 40" maximum height
3. 18" to 26" hip or gripping surface diameter
4. 24" maximum bottom diameter
5. 29" maximum width

d. 60 – Gallon Container

1. 60 through 65 U.S. liquid gallons accepted (no larger)
2. 42" maximum height
3. 26" to 28" hip or gripping surface diameter
4. 26" maximum bottom diameter
5. 29" maximum width

e. 90 – Gallon Container

1. 90 through 96 U.S. liquid gallons accepted (no larger)
2. 47" maximum height
3. 26" to 30" hip or gripping surface diameter
4. 30" maximum bottom diameter
5. 30" maximum width

- J. Compatibility – The City urges the bidder to examine existing containers and collection equipment to ensure compatibility. The existing containers and collection equipment may be viewed at the Tacoma Recovery and Transfer Center between the hours of 8:00 a.m. and 2:30 p.m., Monday through Friday. Prior to final Award of Bid, the City will test each container for performance and compatibility with existing collection equipment.

K. Lid

- a. Each container shall have a lid molded from the same material and color as the container unless otherwise specified by SWM, which continuously overlaps and comes in contact with the container body or otherwise causes an interface with the container body that simultaneously prevents the inclusion of rainwater, rodents, birds and insects and the emission of odors. The lid design shall be convex to provide drainage. The lid shall be designed so that it will not warp, slump or distort to such an extent that it no longer fits the container properly or becomes otherwise unserviceable. The lid size for a 20-, 30-, 45-, 60- and 90-gallon container shall not be wider than 30", so it will pass through a 32" gate or door unhindered. The City may request to purchase lids molded from the same material but with a different color than the container.
- b. The handle shall be an integrally-molded part of the container body and shall not rotate on its own axis. The lid must be designed in such a manner to ensure that the container will be watertight and be permanently attached with a hinge of polyethylene to the container without the use of a metal hinge, metal bar, PVC, plastic glued connections or any hidden bar. The hinges shall allow the lid to open by the force of its own weight upon dumping to the degree required. Each lid shall have operating instructions describing the "safe use" and be molded into the back portion of the lid so it can be easily read while pushing the unit.

1. Each garbage (green) container lid shall state (molded on top of the lid) the following information:

"Do not use for"

"Use for"

"Rocks, Sod, Dirt, Sand or Concrete"

"Normal Trash or Garbage"

"Hazardous Materials: Paints, Solvents"

Gasoline, Oil or Hot Ashes"

Remove from the curb/alley when empty

↑ Opening to Street ↑

Do not push container with lid open

2. Each recycle (blue) container lid shall state (molded on top of the lid) the following information:

"Do not use for"

"Use for"

"Household garbage"

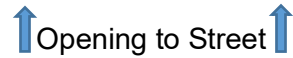
"Accepted Recyclables Only"

"Yard and Garden Waste"

“Hazardous Materials: Paints, Solvents

Gasoline, Oil or Hot Ashes”

Remove from the curb/alley when empty



Opening to Street

Do not push container with lid open

3. Each 30-gallon and 90-gallon yard/food waste (brown) container lid shall state (molded on top of the lid) the following information:

“Do not use for”

“Use for”

“Household garbage”

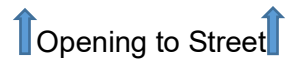
“Yard/Food Waste Only”

“Rocks, Dirt, Sod or Animal Waste”

“Hazardous Materials: Paints, Solvents

Gasoline, Oil or Hot Ashes”

Remove from the curb/alley when empty



Opening to Street

Do not push container with lid open

4. Each 60-gallon commercial food waste (brown) container lid shall state (molded on top of the lid) the following information:

“Do not use for”

“Use for”

“Garbage”

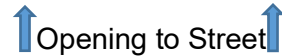
“Food Waste Only”

“Rocks, Dirt, Sod or Animal Waste”

“Hazardous Materials: Paints, Solvents

Gasoline, Oil or Hot Ashes”

Remove from the curb/alley when empty



Do not push container with lid open

- c. Each lid or body shall also have molded into the front section of the lid or the body the City of Tacoma Logo.
 - d. Containers shall contain an area that will accept an instruction sticker that is of adequate size and finish that will accept an adhesive-backed sticker that can be easily read. The City will work with the vendor to determine the final type and arrangement of container markings. Also, see Item E (b) under Design Specifications regarding sequential numbering.
- L. Axle – Each container shall have a 5/8” solid steel axle (minimum) that has been electro statically coated or galvanized zinc 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, and can be easily replaced in the field.
- M. Wheels – Minimum sizes for wheels are to be 8” (inches) for 20-, 30-gallon containers, 10” (inches) for 45-, 60-gallon containers and 12” (inches) for 90-gallon containers. The width of the wheels for all containers will be 1¾” to 2¾” wide (2¾” preferred). The wheels must extend beyond the width of the base of the container. Recessed wheels are not acceptable. Wheels must be easily removed with a simple vendor provided tool to facilitate maintenance in the field. Wheels will be one piece and can be rotationally molded, blow molded or injection molded. Wheels may be molded from first quality 100% virgin polyethylene or post-consumer recycled material.
- N. Grab Bar – The grab bar will be constructed of tubular steel, plastic or molded plastic. The grab bar must 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 and plastic grab bars must be easily replaceable in the field.
- O. Replacement Parts
- a. The successful bidder will provide 100 sets of replacement parts with initial order, which will fit each of the 20-, 30-, 45-, 60- and 90-gallon containers. Each set shall include a lid, two wheels, an axle, a handle, grab bar and all installation hardware. The cost of such replacement parts shall be incidental to the contract.
 - b. The City shall have the option of ordering sets of replacement parts or individual replacement parts under the agreement. Replacement parts may be included as part of a container order or a stand-alone order. Bidder shall include a price list for the purchase of additional replacement parts. The price list shall include pricing for sets of replacement parts and individual parts.
- P. Contact – For questions pertaining to the technical requirements of this specification, please contact, Senior Buyer- Tisha Rico at Trico@cityoftacoma.org.

Request for Bids

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