



# City of Flint

## Department of Purchases & Supplies

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Sheldon A. Neeley

TO: All Proposers  
FROM: Lauren Rowley, Purchasing Manager  
DATE: **March 12, 2024**  
SUBJECT: **Addendum #02 – PROPOSAL #24000534- RECYCLING CART PROGRAM**

**This addendum has been issued to address the vendor Q&A, Updated Scope of Work and Revised Price Proposal Form: (see attached following this cover sheet)**

All other bidding terms, requirements, and conditions continue as indicated in the remaining original bid documents.

The Purchasing Manager, Lauren Rowley, is an officer for the City of Flint with respect to this RFP.

**In the submission of their proposal, Proposer must acknowledge receipt of this addendum. Proposer shall acknowledge this addendum by signing and returning one copy of this notice with their submission.**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City / State / Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Print Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Thank you,

Lauren Rowley, Purchasing Manager

# RFP Proposal No. 24000534 - Recycling Cart Program

## Clarification Questions

1. For the Truck's side loading grabber, which ones are used?

**Response:** The service is currently done with a rear load truck and tipper on the back. The style of vehicle expected to replace the rear loads will be curotto style.

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

**Response:** It is expected that the carts be stacked, covered with plastic, and the wheels and bars be either contained in the cart or separately in storage boxes.

3. Will leftover/extra carts need to be transported to a storage location that is different from the staging yard? If so, what is the address of the cart transport location for storage?

**Response:** Yes. 1301 Consumers Dr., Flint, MI 48505

4. Will there be any deliveries to alleyways? If so, how many accounts within each town have alleyway service?

**Response:** Yes. There are only a few houses in the alley.

5. Who is the collection company?

**Response:** Priority Waste LLC

6. Bid Submission Requirements

The mail in **HARD COPY** with the original signature (signed documents) must be received by **Tuesday, March 19, 2024, by 11:00 A.M. (EST), City of Flint, Finance Department - Division of Purchases and Supplies, 1101 S. Saginaw St., Room 203, Flint, MI, 48502.** Bids must be in a sealed envelope clearly identifying the proposal name and proposal number.

Would the city consider extending the Proposal due date?

**Response:** It is not the city's intention to extend the deadline, but if circumstances necessitate the need to extend the deadline, we are open to do so.

7. Exhibit D provides space for 3 references, while the scope of work requires 5 references. Should proposers recreate the reference form to provide the additional references?

Response: Please feel free to attach the additional references to your proposal packet at the back.

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

Response: Yes. Single family and multi-family(up to 3 units) only.

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

Response: Commercial accounts are not eligible for residential curbside waste services, and will not receive a cart.

10. Can you please provide the address(es) of the staging the potential staging yard(s) that the city will be providing during the project timeframe? Will the staging yard be paved, dirt, or gravel?

Response: The staging area has not been secured at this time. Our intention is to find a property that is paved.

11. **UNION COMPLIANCE:** Bidder agrees to comply with all regulations and requirements of any national or local union(s) that may have jurisdiction over any of the materials, facilities, services or personnel to be furnished by the City.  
**QUESTION:** Will the City provide any relevant requirements that “Union Compliance” may bring to this project?

Response: Prevailing wages/union compliance should not be an issue with the services the city will receive. This requirement is usually utilized in construction type work.

12. Should we prepare to provide a forklift and forklift attachment for unloading or will the city provide one for crews to use during the project timeframe?

Response: The city will not be providing a forklift truck or forklift attachment.

13. Are there any delivery address lists or route maps that the city could provide?

Response: Addresses will be provided to the chosen company upon signing of the contract/agreement.

14. We manufacture several different 95-gallon containers, they have different options and features to meet our customers needs. Can we offer three (3) different 95-gallon container options with our proposal?

Response: Yes. If an Offeror wishes to propose three different 95 gallon carts, then a different Price Proposal Form should be submitted for each cart-style, and

any exceptions for any of these cart styles must be noted with the proposal submitted.

15. PDF page 32, Table C refers to a minimum diameter of 0.75” for the 65 gallon cart & 0.625” for the 95 gallon cart. We believe these were transposed in error. Will the City consider swapping it so that the 65 gallon cart must have a minimum diameter of 0.625” & the 95 gallon must have a minimum diameter of 0.75”?

**Response:** Please see revised specifications in the “AXLE” section of Table C.

16. On page 1 section Background in the 4th paragraph, it says : Once the City of Flint has transitioned to cart-based collection of waste and recycling, the Contracted Hauler, at the Contracted Hauler’s expense, will also be responsible for delivery of carts to new households eligible for waste and recycling collection, cart maintenance and repair, and the delivery of replacement carts to serviced households as necessary. Question: According to this paragraph the Hauler would be responsible for the door-to-door delivery of carts and the cart manufacturer would only deliver the carts to 1 city location. Why does the rest of the bid indicate that the cart manufacturer will be responsible for the door-to-door delivery, can the city of Flint clarify?

**Response:** The Cart manufacturer will be responsible for initial A&D and for providing the specified carts for inventory to the Contracted Hauler. After initial A&D and any associated mop-up efforts the Cart Manufacturer is no longer responsible for delivering carts to City residents.

17. On page 22 Table L RFID TAG & BAR CODE it says:  
It is the responsibility of the Cart manufacturer to provide and maintain an electronic database for The City of Flint which includes the association information. Question: IPL Macro will supply data about each delivery made during initial Roll out. This data is not maintained after the initial Roll out. Can the city of Flint provide more detail about what the word “maintain” would require for the database.

**Response:** The Cart manufacturer will be responsible for keeping / storing the association data gathered during A&D. It is not expected that the dataset held by the Cart Manufacturer will evolve from that point on or that this data set will grow/evolve as new carts are placed into service. Instead the City expects to be able to request a copy of the initial data set from the Cart Manufacturer at any point in the future.

18. On page 22 Table K REPLACEMENT / ADDITIONAL CARTS it says:  
Offeror will provide **firm** per-cart pricing for additional carts to be purchased through June 30, 2025 Question: Will the city accept quarterly price adjustment based on IHS resin index?

**Response:** The City requires firm pricing for additional / replacement carts through June 30, 2025, meaning that once submitted the price may not change. Pricing for replacement / additional carts may fluctuate after June 30, 2025 as Offeror should specify in Pricing Part 4 of the Price Proposal Form.

19. On page 19 Table I Warranty description it says: If Offeror is owned by another business entity, then the owning entity must also accept full financial responsibility for the warranty

of the Offeror. The Offeror must submit with their bid a letter from the owning entity which clearly states its obligation and commitment to honor the warranty of the Offeror, should the Offeror ever be in a position to not do so. Such a letter shall be signed by the owning entity's top officer and notarized. Question: IPL Macro is a stand-alone division within a layer structure that incorporates plants and divisions across North America, Europe and the UK. IPL Macro clearly understands its obligation and commitment to honoring the warranty and any future warranty claims. At time of award, if a written confirmation of the entity as a whole and in part is needed, we can request this letter from the Board of Directors at IPL and have our CEO confirm our ownership structure. Will the city of Flint accept this condition?

**Response:** In the case where any particular Offeror is owned by another business entity, the City wishes to ensure that the specified Warranty offered by the Offeror in question shall remain intact and will be honored by the "parent" business entity should the individual Offeror cease operation during the warranty period. If an Offeror is only prepared to produce such a letter upon award, then the Offeror should note an exception in Table I and indicate in the required "Exceptions" page that such a letter would be provided upon award.

20. Resin Weight of 65-gal container: Will the city reduce the resin weight minimum of 25 lbs. to 24 lbs. to allow new/current production models? Our carts are designed to ANSI dimensional parameters, meet or exceed ANSI testing requirements, and come with an industry standard 10-year warranty.

**Response:** Yes. Please see revised specifications in Table E.

21. Page 25, section D states, "Specifically, at a minimum, Offeror shall provide the address where each Waste and Recycling Cart is delivered and the identifying serial number of each Waste and Recycling Cart delivered to the corresponding to each address.", but later mentions on Page 37 "The barcodes or RFID Tags are mandatory and will be used for Cart distribution and management after distribution". Could the city please clarify what type of data capture method is required for carts that are delivered to residences? Are crews required to record serial numbers, scan barcodes, and RFID tags simultaneously? Would RFID scanning be considered an acceptable method for data capture?

**Response:** Data capture during A&D should take place as specified in Table J. Please note that Section d of Part 1 of the Proposal Requirements has been slightly modified for consistency with Table J.

22. How are the information kits expected to be attached to the carts (i.e.: tucking a flyer or pre-stuffed bag in between the cart lid and body, hanging a pre-stuffed bag provided by the towns onto the cart handle, etc.)?

**Response:** As specified in Table J, Subpart 5, the City will provide the information kits. It is anticipated that the kits will be provided as a packet (i.e. pre-inserted into a long plastic sleeve with hole that can be hung on or tied to the cart, either inside or outside of the cart). The exact method used for attachment to the cart shall be finalized with the selected Cart Manufacturer.

23. Could you please describe the type of literature (i.e.: flyer, brochure, magnets, calendars, etc.) that will be attached to carts and the number of literature pieces?

Response: As specified in Table J, Subpart 5, the City will provide the information kits. The exact content of the information kit will be determined during the project design phase, but must include an informational postcard/magnet (9x6) and a FAQ document (8.5x11). The information kit could also include other informational items at the City's discretion. The City understands that a best practice is not to include more than 5 pieces of information in the packet.

24. Will crews be required to pre-stuff literature into plastic bags prior to delivering carts or does the city intend to provide crews with pre-stuff literature bags prior to deliveries starting?

Response: As specified in Table J, Subpart 5, the City will provide the information kits to the Assembly and Distribution Crews. The kits will be pre-assembled.

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

Response: No, the placement of stickers on the carts is not part of the service being sought.

26. Will writing addresses on the lids of carts with a paint pen be required? If so, please advise whether unit numbers only or full addresses are required.

Response: No, writing addresses on carts is not part of the service being sought.

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

Response: As described in the "Summary of Intent" section and further described on the Price Proposal Form, the City anticipates the delivery of approximately 35,500 Waste Carts and 35,500 Recycling Carts to service points within the City. Any of these carts not delivered to service points in the City will be added to the Waste and Recycling Carts described in Pricing Part 3 of the Price Proposal Form and delivered to 1301 Consumers Drive, Flint, MI 48505.

28. **Table L – RFID Tag Testing** –requires tags to be certified with an IP67 rating. **QUESTION:** This certification would apply to situations in which tags would be exposed to the effects of environmental conditions. Our tags are enclosed inside the cart handle at factory, and not exposed to elements outside the cart, or contents of the cart. We would request that the City require the tags to be enclosed inside the handle of the cart body and not exposed to outside elements or cart contents, and then remove the requirement for IP67 certification.



Response: The City of Flint understands that IP67 certification/rating addresses waterproofing and expects the provided RFID Tags utilized to meet this standard. If an Offeror is not able to provide RFID Tags with this rating then the Offeror should note an exception in Table L and provide justifications on the required "Exceptions" page.

29. **Appendix 1 – Sample Assistance Agreement (page 3 of 9)**

4. Contribution Terms, Contribution Schedule:

This section states "Donor intends to deliver the Resin to [Insert MFG Name shorthand] for the benefit of Recipient by June 30, 2024, in the form of rail cars with approximately 200,000 pounds of Resin each (each a "Rail Car") and not to exceed two (2) Railcars per month, subject to Donor's Resin availability, unless otherwise agreed among the Parties and Donor. The exact delivery dates shall be agreed upon in writing by the Parties and Donor prior to shipment."

**QUESTION:** We are aware that allowance has been made for mutual agreement for the Donated Resin delivery schedule, but may we be assured that the Donor is able to quicken the start and pace of Donated Resin deliveries? In order to meet the City's requested delivery schedule, we would need receive all donated resin approximately two (2) weeks prior to the start of cart production

Response: The final delivery schedule for Donated Resin is subject to agreement by the Donor (The Dow Chemical Company). Should the selected Cart Manufacturer require an accelerated delivery schedule, then The Recycling Partnership will work in good faith with Dow and the City's selected Cart Manufacturer to seek an adjustment to the schedule, but neither The Partnership nor the City of Flint can commit to a schedule that exceeds that described in the Sample Assistance Agreement.

30. Background:

The award shall be based on the quality of the submittal; the experience, background and ability of the Offeror(s) to perform the required services; the cost to the City of Flint; and the ability of the Offeror(s) to satisfy all criteria set forth in this RFP. To this end, City of Flint has provided as much informal on as possible to all prospective Offerors to allow them to compute fair and reasonable cost proposals. However, it is the sole responsibility of the Offeror(s) to calculate and be responsible for the prices quoted in its proposal.

Will the city provide the possible weighted points assigned to the criteria?

Response: The City will not be providing the weighted points at this time.

31. 44) **INSURANCE & BONDS:** *The bidder whose proposal is accepted will be required to furnish bonds and evidence of insurance within five days from the date of Notice of Award. In case of failure or refusal on the part of the bidder to furnish bonds, if required, within the set period, the amount of deposit may be forfeited to the county and the contract may be awarded to the next lowest responsible bidder. Upon the notification of award and approval of the bond, the deposit will be returned to the proposer. The deposit of persons other than the one to whom and award is made will be returned to the person or persons making the proposal immediately after the contract and bonds have been executed.*

Please clarify if a bid bond or deposit should be included in our proposal response. If so, please identify where the bid bond/deposit amount information is mentioned in the proposal documents.

Five days from the date of Notice of Award is a short amount of time to acquire a bond. Please confirm the bond amount the vendor should provide if their proposal is accepted. Will the city provide bond forms?

32. Does the City require a bid, performance, or labor and materials payment bond? Sections 29 and 44 mention bonds, but no forms or percentages are denoted. If applicable, please provide the bond(s) requirements.

33. **Part 3: Cart and Other Specifications Tables – Samples**

**QUESTION:** If required, any samples requested by the City be provided within five (5) days, or Offeror may be disqualified. Since shipment alone may require 4-5 days, will the City amend this potential requirement to 15 business days?

**Response:** Yes, Please see revised language in Part 3

34. **Table A- Manufacturing Process and Materials Requirements- PLASTIC MATERIAL:** Base plastic resin for the Waste and Recycling Cart body and lid must be first quality high-density polyethylene (HDPE) supplied by a national petrochemical producer such as Dow Chemical.

**QUESTION:** Please see Toter's letter dated February 29, 2024, regarding request to include use of MDPE for Rotationally molded carts and inclusion of donated resin.

**Response:** The City is willing to allow an option for MDPE as the base resin, however The agreement between The Partnership and Dow for the contribution of the Donated Resin specifies the Donated Resin is HDPE and does not provide for substitution of alternate resin types. For this reason, The Partnership is not able to fulfill its commitment to the City in a manner that accommodates the request from for the Donated Resin to include MDPE resin.

Please see revised language in Table A and the revised Price Proposal Form with changes to be consistent with revisions to Table A.

35. **Table A- Manufacturing Process and Materials Requirements-COLORFAST:** The Waste and Recycling Carts shall be protected against ultraviolet rays with an ultraviolet stabilizer additive with no less than one- and one-half percent (1.5%) by weight.

**QUESTION:** Recipes for carts are proprietary information and not generally shared by cart manufacturers. They also vary based on cart color. We respectfully request changing this requirement to include color pigment and ultraviolet inhibitor at levels that protect carts so that they last for the warranty period of the cart.



Response: The City does not intend to update the specifications in the “COLORFAST” section of Table A. The City does not require an Offeror to disclose proprietary information about its recipe beyond a “yes” or “no” response to the COLORFAST specification in Table A. An Offeror that is not able to meet the COLORFAST specifications should note an exception in Table A and may provide justifications on the required “Exceptions” page.

36. **Table C – ANSI Conformance and Construction Requirements- AXLE:** The axle for the 65+/- Gallon Recycling Cart must be a minimum of ¾ inches in diameter.

**QUESTION:** The standard axle in U.S. carts has been 5/8” diameter solid steel for over 40 years. The ultimate yield strength of a Toter 5/8” axle is 2,000+ pounds, almost nine (9) times the load rating of a 65+/- Gallon cart and meets or exceeds ANSI Standards applicable testing. We ask that the City revise this requirement to be the same as 95/96-gallon carts and allow for a minimum of 5/8” diameter axle for both cart sizes.

Response: Yes. Please see revised specifications about axle diameter in the “AXLE” section of Table C.

37. **Table C – ANSI Conformance and Construction Requirements- AXLE:** There must also be a minimum of (2) two half journals molded into the bottom of the Cart for the axle to slide through to ensure proper weight distribution of the contents of the Cart.

**QUESTION:** Our carts are designed with two molded in solid axle journals supporting the full weight of the cart and load rating across the bottom of the cart. Our axle journals sit close to the wheels and do not require additional “fins” or “half-journals” for weight distribution needs. This design exceeds ANSI testing and is confidently warranted by a 10-year cart body standard warranty. We ask that the City remove this requirement.

Response: The City does not intend to update the specifications in the “AXLE” section of Table C that address axle journals. An Offeror that is not able to meet the specified axle journal requirements should note an exception in Table C and may provide justifications on the required “Exceptions” page.

38. **Table D - Cart Specifications for 95+/- Gallon Waste Carts- WALL**

**THICKNESS:** The quoted 95+/- Gallon Waste Cart must have a nominal wall thickness average of 0.165 inches throughout the body of the Waste Cart and a minimum wall thickness and 0.185 inches in the critical wear points (i.e. Cart bottom, handle, and lid mechanism). The minimum wall thickness of the lid must be 0.140 inches.

**QUESTION:** Rotationally molded carts (accepted by the City) are different in design, manufacture process and materials. The combination of rotational molding with the use of medium density polyethylene (MDPE) produces a cart that not only meets or exceeds ANSI Standards testing, but also can be confidently warranted for 10 years, and lasts well beyond 10 years in active

service life. The result of rotational molding with MDPE is a cart that is resilient and durable to withstand the rigors of semi- and automated collection. It is important to note that rotationally molded carts do not have a “sprue” and area around the sprue in the bottom of the cart body which must be protected from impact. We respectfully request that the City amend this specification to require a minimum nominal wall thickness of 0.165 inches throughout the cart body. Also, since the lid is a covering to the cart, we request that lids be allowed to be a minimum nominal 0.110” thickness. If desired, the City may change these requirements for rotationally molded carts only.

**Response:** The City does not intend to update the specifications in the “WALL THICKNESS” section of Table D. An Offeror that is not able to meet the specified WALL THICKNESS requirements should note an exception in Table D and may provide justifications on the required “Exceptions” page.

**39. Table D - Cart Specifications for 95+/- Gallon Waste Carts- DIMENSIONS:**

The maximum exterior dimensions of the completely assembled Cart are as follows:

DEPTH: 34 inches

WIDTH: 29 inches

**QUESTION:** Every cart manufacturer has a specific design with varying dimensions. These carts must meet or exceed the industry standard ANSI Z245.60 and ANSI Z245.30 requirements for cart compatibility and safety in the standards and ergonomics which must be included in all Proposals. Would the City accept a 95+/- Gallon cart with a depth of 35.50 inches and a width of 29.75 inches?

**Response:** The City does not intend to update the specifications in the “DIMENSIONS” section of Table D. An Offeror that is not able to meet the specified dimensions requirements should note an exception in Table D and may provide justifications on the required “Exceptions” page.

**40. Table E - Cart Specifications for 65+/- Gallon Recycling Carts- WALL**

**THICKNESS:** The quoted Recycling Cart must have a nominal wall thickness of 0.155 inches throughout the body of the Recycling Cart and a minimum wall thickness of 0.165 inches in the critical wear points (i.e. Cart bottom, handle and lift mechanism). The minimum wall thickness of the lid must be 0.140 inches.

**QUESTION:** Rotationally molded carts (accepted by the City) are different in design, manufacture process and materials. The combination of rotational molding with the use of medium density polyethylene (MDPE) produces a cart that not only meets or exceeds ANSI Standards testing, but also can be confidently warranted for 10 years, and lasts well beyond 10 years in active service life. The result of rotational molding with MDPE is a cart that is resilient and durable to withstand the rigors of semi- and automated collection. It is important to note that rotationally molded carts do not have a “sprue” and area around the sprue in the bottom of the cart body which must be protected from

impact. We respectfully request that the City amend this specification to require a minimum nominal wall thickness of 0.156 inches throughout the cart body. Also, since the lid is a covering to the cart, we request that lids be allowed to be a minimum nominal 0.110" thickness. If desired, the City may change these requirements for rotationally molded carts only.

**Response:** The City does not intend to update the specifications in the "WALL THICKNESS" section of Table E. An Offeror that is not able to meet the specified WALL THICKNESS requirements should note an exception in Table E and may provide justifications on the required "Exceptions" page.

**41. Table E - Cart Specifications for 65+/- Gallon Recycling Carts-**

**DIMENSIONS:** The maximum exterior dimensions of the completely assembled Cart are as follows:

DEPTH: 27.00 inches

**QUESTION:** Every cart manufacturer has a specific design with varying dimensions. These carts must meet or exceed the industry standard ANSI Z245.60 and ANSI Z245.30 requirements for cart compatibility and safety in the standards and ergonomics which must be included in all Proposals. Would the City accept a 65+/- cart that has a depth of 31.50 inches?

**Response:** The City does not intend to update the specifications in the "DIMENSIONS" section of Table E. An Offeror that is not able to meet the specified dimensions requirements should note an exception in Table E and may provide justifications on the required "Exceptions" page.

**42. Assembly and Delivery Subpart 5 – Outreach Material Distribution-** This kit of information shall be attached to each Recycling Cart in a weather-proof enclosure via a method agreed upon by the Assembly and Delivery team and the City of Flint.

**QUESTION:** Does the City require the Offeror to include pricing for the weather-proof enclosure in their Proposal or will the City be providing the weather-proof enclosure? If the Offeror is to provide the weatherproof enclosure, will a newspaper-style bag be allowed, with dimensions of approximately 5.5" wide x 16" high, or please provide the size and type of enclosure desired?

**Response:** As specified in Table J, Subpart 5, the City will provide the information kits. The City-provided kit will include the weather-proof enclosure. It is anticipated that the kits will be provided as a packet (i.e. in a long plastic sleeve with hole) that can be hung on or tied to the cart, either inside or outside of the cart. The exact method used for attachment to the cart shall be finalized with the selected Cart Manufacturer.

**43. Table B Sustainability Requirements – Lid –** may not be attached with screws and must be attached with plastic only.

**QUESTION:** Our durable all-plastic lid hinge snaps onto the lid. This fit of the two components is further secured by two (2) Torx Fasteners in each hinge. These steel fasteners, used in the automobile industry, are much stronger and more durable than the plastic pins used in many cart hinges and are treated to prevent rust. This hinge secure design allows for easy maintenance by City crews and avoids the lid and handle damage that often occurs in other carts that use drive-in, plastic bayonet style pins.

**Response:** Lid attachment requirements are specified in the “LID” section of Table C. The City does not intend to update the specifications in Table B or in the “LID” section of Table C. An Offeror that is not able to meet the specified lid requirements in Table C should note an exception in Table C and may provide justifications on the required “Exceptions” page.

**44. Table H – Optional Recycling Cart In-Mold Label**

**QUESTION:** Offeror is to provide an option for this In-Mold Label (IML), but states that the hot stamp in Table G “may be eliminated, changed or updated accordingly”. Can the City please confirm the exact markings they want included in the pricing so that all bidders provide pricing based on the equal requirements?

**Response:** Table G only addresses Lid Markings. Cart body markings are specified in Table F. It is not anticipated that the Lid Markings on the Waste Cart Lid will change should the City decide to seek an IML on the Recycling Cart. In Table H, the City has provided for the Lid Markings on the Recycling Cart Lid as specified in Table G to be eliminated, changed or updated in the case that the IML placement precludes or necessitates a change to the Recycling Cart Lid Markings that are specified in Table G. The exact wording of any Recycling Cart Lid Markings will be finalized with the selected Cart Manufacturer.

**45. Table J – Assembly and Delivery:** The City of Flint is seeking Assembly and Delivery (A&D) Services as part of this Waste and Recycling Cart procurement.

**QUESTIONS:** Page 25, section D states, “Specifically, at a minimum, Offeror shall provide the address where each Waste and Recycling Cart is delivered and the identifying serial number of each Waste and Recycling Cart delivered to the corresponding to each address.’, but later mentions on Page 37 “The barcodes or RFID Tags are mandatory and will be used for Cart distribution and management after distribution”. Could the city please clarify what type of data capture method is required for carts that are delivered to residences? Are crews required to record serial numbers, scan barcodes, and RFID tags simultaneously? Would RFID scanning be considered an acceptable method for data capture?

**Response:** Data capture during A&D should take place as specified in Table J. Please note that Section d of Part 1 of the Proposal Requirements has been slightly modified for consistency with Table J.

46. Question: Can the City please clarify what is meant in the PRICE ADJUSTMENTS section of Table K regarding what happens on August 31st given that in the Background and in the PROCUREMENT AND CONTRACT DATES section it is specified that Assembly and Delivery is to be completed by July 31, 2024.

Response: The City prefers that Assembly and Distribution should be completed by July 31, 2024. As noted during the mandatory pre-proposal conference, The City understands that exact timing for the award of any contract resulting from this RFP may be delayed pending factors related to the timing of necessary approvals by the Flint City Council. In the Price Adjustments section of Table K, it was the City's intention to require the Offeror to hold bid prices through the completion of Assembly and Delivery as long as this process has been completed by August 31, 2024. Given that the City has issued a bid extension until March 26, 2024 per Addendum #01, the City has updated Table K to indicate that the prices submitted in Pricing Part 1 and Pricing Part 2 of the Price Proposal Form shall be held firm as long as Assembly and Delivery is completed prior to October 31, 2024. Please see revised specifications in Table K.

## **BACKGROUND:**

Introduction: The purpose of this section is to familiarize prospective Offerors with the City of Flint, the intent of this Request for Proposals (RFP), the current waste and recycling programs in the City of Flint, and to provide Offerors with a brief description of the project.

Background: The City of Flint, Michigan contracts with a single private hauler (hereafter Contracted Hauler) to provide residential waste, yard waste and recycling collection services. The waste collection service includes the collection of waste and bulky waste as well as disposal of the materials collected. The recycling collection service includes the collection of recyclables, and the Contracted Hauler also has the responsibility of arranging for the disposition of the collected recyclable materials including any resultant processing and marketing services. As of this date, the City of Flint does not provide residents receiving city-provided waste and / or recycling services with a city-issued receptacle, and instead residents are required to provide their own receptacle.

As part of enhancing and modernizing its waste and recycling services, the City of Flint sought and was awarded grants from The Michigan Department of Environment, Great Lakes, and Energy (MI EGLE) and from The Recycling Partnership, a national non-profit organization. With the support of these grants and the cooperation of the Contracted Hauler, the City of Flint intends to transition to a universal cart-based solid waste and recycling collection system as of June 2024, where every eligible residence in the City of Flint has been provided the opportunity to receive a city-issued, city-owned waste and recycling cart. In support of this transition, the City of Flint has amended and extended its agreement with the Contracted Hauler to provide for cart-based collection of residential waste and recyclables as of the point when the City of Flint acquires and distributes recycling carts.

Once the City of Flint has transitioned to cart-based collection of waste and recycling, the Contracted Hauler, at the Contracted Hauler's expense, will also be responsible for delivery of carts to new households eligible for waste and recycling collection, cart maintenance and repair, and the delivery of replacement carts to serviced households as necessary. The Contracted Hauler shall also be required to maintain an adequate inventory of carts and cart parts to serve the City of Flint's residents as new carts are requested for delivery and/or as repairs or replacements are requested by the City of Flint. The replacement carts and cart parts shall be provided by the City of Flint. The waste and recycling carts will be the property of the City of Flint.

Summary of Intent: The City of Flint's intent and the purpose of this RFP are to provide recycling and waste/trash carts (hereafter, collectively Waste and Recycling Carts, and individually a Waste Cart or a Recycling Cart, accordingly) to all eligible participants in the City of Flint's residential recycling and municipal solid waste (MSW) collection programs. The City of Flint desires to purchase and own the Waste and Recycling Carts, and the City of Flint further desires that the Waste and Recycling Carts be manufactured with at least twenty-five percent (25%)



recycled plastic content, as further described in the Recycled Content Requirements Section and in Table B of this document.

The City's residential waste and recycling service as performed by the Contracted Hauler provides collection to approximately 35,500 eligible households/service points within the City of Flint. The City is seeking a vendor to manufacture, assemble and deliver Waste and Recycling Carts to all eligible households/service points on or before July 31, 2024. After this initial roll-out of Waste and Recycling Carts, the selected vendor shall periodically provide and deliver Waste and Recycling Carts and associated parts to the City of Flint's Contracted Hauler at the City of Flint or the Contracted Hauler's request.

The award shall be based on the quality of the submittal; the experience, background and ability of the Offeror(s) to perform the required services; the cost to the City of Flint; and the ability of the Offeror(s) to satisfy all criteria set forth in this RFP. To this end, City of Flint has provided as much information as possible to all prospective Offerors to allow them to compute fair and reasonable cost proposals. However, it is the sole responsibility of the Offeror(s) to calculate and be responsible for the prices quoted in its proposal. Quoted prices must be submitted using the attached Price Proposal Form.

An Important Note about Grant Related Requirements: The above noted grants from MI EGLE and The Recycling Partnership include specific obligations that have a direct impact on this RFP and on the provision of goods and services being sought under this procurement. The Offerors must acknowledge and comply with these obligations.

- **Recycled Content Requirements:** The Recycling Partnership's grant to the City of Flint requires that all carts purchased with the support of grant funding must be manufactured with a minimum of five percent (5%) residential post-consumer plastic content (hereafter, Residential-PCR) based on the weight of the entire mass of the body, lid, and wheels of the carts. To qualify as residential post-consumer content, the reclaimed plastic must have been generated by a household and collected for recycling by a curbside or drop-off recycling program in the United States. This Residential-PCR recycled content requirement cannot be met through the use of post-industrial plastics or plastic sourced from end-of-life carts or bins. For the sake of this obligation and to meet this definition of Residential-PCR, the recycled content must consist of material that was purchased, consumed, and disposed of solely by a residential household in their role as an end-user of a product or package that has been used for its intended purpose and has subsequently been collected for recycling by a curbside or drop-off recycling program in the United States. Offerors must clearly state that they can meet this requirement and the awarded Offeror will be required to provide documentation to the City of Flint that details the total weight of Residential-PCR plastic content that was utilized in the production of the Waste and Recycling Carts as well as the total weight of purchased Carts including the mass of the body, lid, and wheels.

In addition to the above-described Residential-PCR requirement, Carts must consist of an additional twenty percent (20%) of post-consumer or post-industrial recycled content.

- Use of Donated Resin:** The grant from The Recycling Partnership includes both cash grant funding to support the purchase of the Waste and Recycling Carts as well as the donation of 1.2 million pounds of High Density Polyethylene (HDPE) Resin manufactured by The Dow Chemical Company (“Dow”) that will be provided to the awarded Cart manufacturer at no-cost (hereafter Donated Resin). The Donated Resin shall be cart grade and shall be delivered to the selected Cart manufacturer in the form of rail carts with approximately 200,000 pounds of Donated Resin each. The selected Cart manufacturer shall be required to work with Dow to qualify the Donated Resin for the purpose of manufacturing the Waste and Recycling Carts for the City of Flint, and the selected Cart manufacturer shall work with The Recycling Partnership in good faith to enter into an assistance agreement with The Recycling Partnership that shall govern the use of the Donated Resin (hereafter Assistance Agreement), and the Cart manufacturer shall produce the Waste and Recycling Carts for the City of Flint at a reduced price reflecting a net savings/reduction in cost that is substantially equal to the value of the Donated Resin. A sample/draft copy of the proposed Assistance Agreement is provided as an attachment to this RFP for review by potential Offerors (see Appendix 1).
- Education and Outreach Obligation During Assembly and Delivery of Carts:** The selected Cart manufacturer will be required to distribute a City of Flint provided kit of information to each household receiving a Waste and Recycling Cart. This kit of information shall be attached to each Recycling Cart in a weather-proof enclosure via a method agreed upon by the selected Cart manufacturer and the City of Flint.

**PROCUREMENT AND CONTRACT DATES**

Although the following dates are subject to change, it is anticipated that the following schedule will apply.

Procurement Element	Date
RFP Released	Wednesday, February 21, 2024
Mandatory Pre-Proposal Conference (in-person) At address	Tuesday, March 5, 2024
Offeror’s Request for Clarification	Wednesday, March 6, 2024 by 10 AM
Issuance of Addendums (if needed)	Friday, March 8, 2024
Proposals Due	Tuesday, March 19, 2024 by 11 AM
Interview with Select Offerors	March 20 - 22, 2024
Recommendations to and Award by Flint City Council	Friday, March 29, 2024
Contract Execution*	TBD
Contract Commencement*	TBD
Assembly and Delivery Commences*	June 1, 2024 - estimated
Assembly and Delivery Complete*	July 31, 2024

\* Exact dates for Contract Execution and Assembly and Delivery process to be finalized with selected Cart Manufacturer.

## OVERVIEW OF SCOPE OF WORK

The City of Flint is seeking proposals for a vendor to manufacture, produce, and deliver 35,500 RFID equipped 95+/-Gallon rolling Waste Carts and 35,500 RFID Equipped 65+/- Gallon rolling Recycling Carts to households / designated service points in Flint. The Cart manufacturer will also produce an additional 500 RFID equipped 95+/-Gallon rolling Waste Carts and 500 RFID equipped 65+/- Gallon Recycling Carts and deliver them to the Contracted Hauler at 1301 Consumers Drive, Flint, MI 48505. These Waste and Recycling Carts will be stored by the Contracted Hauler as inventory for the City of Flint.

The selected vendor will also be asked to provide spare parts for the Waste and Recycling Carts to the Contracted Hauler and deliver these spare parts at the same time as the Waste and Recycling Carts for inventory are delivered to the Contracted Hauler.

## PROPOSAL REQUIREMENTS

Part 1 - Qualifications, Competency and Experience of Offerors: Each Offeror is required to submit with their proposal supporting documentation regarding the Offeror's qualifications and capacity to cost-effectively as well as fully and timely perform the work specified in this RFP, including the following information:

- a. Statement of Qualifications: All Offerors must provide a statement of qualification that illustrates demonstrable experience performing work as described herein for local governments in the United States. This statement of qualification must demonstrate the Offeror's overall experience in the products and services defined in this RFP.
- b. References: Offerors are required to submit at least five (5) references for existing local government Waste or Recycling Cart customers to demonstrate their experience and success. These references must include the following elements:
  - Name of community served;
  - Name, email, phone number and title of relevant community official;
  - Number of Waste and/or Recycling Carts provided;
  - Dates of assembly and distribution of Waste and/or Recycling Carts;
  - Length of Warranty for Waste and/or Recycling Carts.

The City of Flint may give particular attention to the performance data provided for these referenced projects.

Part 2 – Overview of Proposed Services: The Offeror shall describe products and services proposed in response to this RFP. This Overview shall provide sufficient information to

demonstrate the Offeror's clear understanding of the services requested by the City of Flint through this RFP.

- a. **Cart Manufacturing:** The proposal shall describe the Offeror's process of manufacturing Waste and Recycling Carts of like size and durability described herein. The description shall provide sufficient information to demonstrate that the proposed products will, at a minimum, satisfy all of the performance objectives provided in this RFP and handle the quantity and composition of Waste and Recycling Carts requested in this RFP. The information should include, the composition of the raw materials used as feedstock in manufacturing the Waste and Recycling Carts and the resultant Waste and Recycling Carts should include at least twenty-five percent (25%) recycled plastic, including at least five percent (5%) Residential-PCR as described herein.
- b. **Cart Delivery to the City of Flint:** The City of Flint shall work in collaboration with the selected Cart Manufacturer and the Contracted Hauler to identify a site or sites that can be used to stage Waste and Recycling Carts prior to distribution to residents. The details of such a site or sites shall be finalized with the selected Cart manufacturer. The proposal shall describe minimum acceptable staging site/sites, the manner and delivery of Waste and Recycling Carts to the specified staging site/sites. The Offerors shall provide all equipment needed to receive Waste and Recycling Carts at the staging site/sites. The proposal shall include an overview of activities to be conducted at the staging site, security requirements for the staging site/sites (if any) and a description of equipment to be used at the staging site/sites.
- c. **Cart Distribution to Residents:** The proposal shall describe the manner of distribution of Carts to residential units and/or City of Flint designated service points during the initial roll-off of Carts for the entire municipality. This should include timelines from the receipt of Carts at the staging site/sites to delivery of Waste and Recycling Carts to residents.
- d. **Data Collection and Inventory:** The Proposal must describe the manner of data collection and provision to the City of Flint, including how data will be gathered during the delivery of Waste and Recycling Carts. Specifically, at a minimum, Offeror shall provide the address where each Waste and Recycling Cart is delivered and the identifying serial number of each Waste and Recycling Cart delivered to the corresponding to address. Reference to these requirements will appear again in the Cart and Other Specifications Tables.
- e. **Subcontractors:** The proposal shall specify a list of any and all subcontractors the Offeror will hire to provide any of the proposed services.
- f. **Management Plan:** The Management Plan must include a description of the proposed management structure, including management team, and approach, and responsibility for management of subcontractors (if any) as well as a statement of the problems that the Offeror believes are likely to arise during manufacture, delivery, distribution, start-up, and for ongoing operations and the methods proposed to respond to such problems. This should include at a minimum, such problems as:
  - Employee absenteeism;
  - Subcontractor performance challenges;

- Equipment breakdowns; and
- Delivery delays.

The Management Plan must address specifically how the Offeror will work with the City of Flint to identify and resolve consistent sources of problems. A staffing plan indicating number of employees and how they will be staffed to ensure customer service must also be included in the Management Plan. A clear statement of the management structure of the Offeror’s company must be supplied.

- g. Manufacturing Location and Experience: The Offeror shall specify the location(s) where the Offeror manufactures Waste and Recycling Carts and the years of experience at the specified location(s). If the Offeror manufactures at multiple locations, the Offeror must also specify the location(s) anticipated to be used for the manufacturing of the Waste and Recycling Carts that shall be delivered to the City of Flint.
- h. Safety Plan: The Offeror shall outline the elements of its safety plan for manufacturing, delivery and distribution within its proposal. This Plan should address the safety precautions taken for the employee(s), any surrounding personnel and residents as well as steps taken to prevent any contamination to the surrounding environment.
- i. Environmental and Spill Prevention and Response Plans: The Offeror shall outline the elements of its plan for environmentally sustainable practices including but not limited to spill control and storm water pollution prevention during delivery and distribution. All Offerors shall comply with federal, state and local regulations/ordinances that govern illegal discharges and storm water protection and best management practices.
- j. Grant Related Requirements: The Offeror shall acknowledge the Grant Related Requirements noted within this document and clearly specify whether the Offeror is able to meet these requirements. Reference to these requirements will appear again in the Cart and Other Specifications Tables.

Part 3: Cart and Other Specifications Tables: The specifications spelled out in Table A through Table N below describe the minimum acceptable features and performance requirements for Waste and Recycling Carts and associated services. Offerors must thoroughly read and understand these specifications prior to proposal submission. Part 3 of all proposals must be submitted using City of Flint’s table format as provided below. A copy of these Tables shall be provided as a Word Document upon request. Offerors shall complete the specification column for each table with a check mark to indicate if the item being proposed by the Offeror is exactly as specified. If an item is left blank, the City of Flint will assume the Offeror cannot meet the specifications and may cause rejection of the proposal. By checking any of the “NO” spaces the Offeror states that the product being proposed does not conform to that specification. All variations and/or exceptions must be documented, referencing applicable tables and explained in detail on a separate page titled “Exceptions.” If the City of Flint determines by any means that exceptions exist which were not identified on such Exceptions list, then that proposal will be disqualified as being non-responsive. If no Exceptions are taken, it will be assumed that the proposal meets all specifications. If awarded, the successful Offeror must only deliver the Waste and Recycling Carts and associated services that are proposed with this bid submission.

Failure to provide the exact Waste and Recycling Cart and associated services specified will disqualify said Offeror. The City may require an Offeror to provide sample Waste and Recycling Carts. Failure to provide a sample Waste or Recycling Cart at the City of Flint’s request within fifteen (15) days will be subject for disqualification of the said Offeror.

**Table A - Manufacturing Process and Materials:** Each Cart shall consist of a body, lid, wheels, axle and necessary accessories. The plastic resin material and the finished Cart must meet the minimum specifications herein.

<b>Table A - Manufacturing Process and Materials Requirements</b>	<b>Yes</b>	<b>No</b>
Each Cart shall consist of a body, lid, wheels, axle and necessary accessories.		
<b>MANUFACTURING PROCESS:</b> Each Cart body must be made from the injection-molded or rotationally-molded process.		
Specify if Cart body is injection molded:		
Specify if Cart body is rotationally molded:		
<p><b>PLASTIC MATERIAL:</b> Base plastic resin for the Waste and Recycling Cart body and lid must be first quality High Density Polyethylene (HDPE) or first quality Medium Density Polyethylene (MDPE) supplied by a national petrochemical producer. Off spec or wide spec material and dry blending of material is not acceptable.</p> <p>The Offeror must submit technical data sheet(s) from the resin producer.</p> <p>Waste and Recycling Carts manufactured with one hundred percent (100%) virgin plastic resin will not be considered as this does not comply with the City of Flint’s obligations to The Recycling Partnership. There must be at the minimum of twenty percent (20%) post-consumer / post-industrial re-grind and an additional five percent (5%) Residential-PCR included in each Waste and Recycling Cart as defined in Recycled Content Requirements section of this document and further detailed in Table B, Sustainability Requirements. The five percent (5%) Residential-PCR requirement will be based on the body and lid weight of each Waste or Recycling Cart (resin). It is understood by the City of Flint that color variance may be needed to comply with this specification.</p>		



<p><b>USE OF DONATED RESIN:</b> The Offeror must be willing and able to manufacture Waste and Recycling Carts with use of the Donated Resin which shall include working with Dow to qualify the Donated Resin for the purpose of manufacturing the Waste and Recycling Carts and working with The Recycling Partnership in good faith to enter into an assistance agreement that shall govern the use of the Donated Resin (hereafter Assistance Agreement), and producing the Waste and Recycling Carts for the City of Flint at a reduced price reflecting a net savings/reduction in cost that is substantially equal to the value of the Donated Resin. Note: Donated Resin is limited to High Density Polyethylene, and no substitutes are available.</p>		
<p><b>CAPACITY TO UTILIZE DONATED RESIN:</b> The Offeror is able to utilize all 1.2 million pounds of Donated Resin for the manufacturing of the Waste and Recycling Carts. Note: If an Offeror’s response on this item is “No” and an exception is taken here, then the Offeror must specify the quantity of Donated Resin it anticipates being able to utilize in Pricing Part 1 and Pricing Part 2 of the Price Proposal Form.</p>		
<p><b>RESIN ADDITIVES:</b> The plastic resin must be enhanced with color pigment and ultraviolet inhibitor, which is formulated to prevent color fading and ultraviolet damage for ten (10) and years and which must be uniformly distributed throughout the finished Waste and Recycling Carts.</p>		
<p><b>HOT-MELT BLENDED:</b> The Offeror must submit a separate statement certifying that all of the plastic resin and additives will be hot-melt blended.</p>		
<p><b>COLORFAST:</b> All plastic parts shall be specifically prepared to be colorfast so that the plastic material does not alter or fade appreciably in normal use. Waste and Recycling Carts must be manufactured using a hindered amine light (HAL) stabilizer package, which maximizes light stable color pigments, ensures for minimal degradation, and protects the plastic resin at the chemical level. The Waste and Recycling Carts shall be protected against ultraviolet rays with an ultraviolet stabilizer additive with no less than one- and one-half percent (1.5%) by weight.</p>		

<p><b>COLOR:</b> Waste and Recycling Carts must be a distinctive color impregnated into the plastic. Painted Waste or Recycling Carts are unacceptable. The City of Flint intends to purchase Waste Carts with bodies that are green and lids that are black in color and Recycling Carts with bodies and lids that are blue in color. Each Offeror shall provide its standard color chart with their proposal, and The City of Flint in consultation with the selected Offeror will determine the final color for the Waste and Recycling Cart bodies and lids.</p>		
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**Table B – Sustainability Requirements:** Please complete the following tables to enable the City of Flint to evaluate the sustainability elements associated the Carts offered.

<b>Table B – Sustainability Requirements</b>	<b>Yes</b>	<b>No</b>
<p><b>RECYCLED CONTENT:</b> There must be at the minimum twenty percent (20%) post-consumer/post-industrial re-grind recycled content and an additional five percent (5%) Residential-PCR included in each Waste and Recycling Cart as defined in the Recycled Content Requirements section of this document. The five percent (5%) Residential-PCR requirement will be based on the body and lid weight of each Waste or Recycling Cart accordingly.</p>		
<p><b>PRE-ROLLOUT RECYCLED CONTENT DOCUMENTATION REQUIREMENTS:</b>  The Offeror acknowledges and will comply with each of the following documentation requirements:</p> <p>Prior to Cart roll out the Waste and Recycling Carts manufacturer must provide a written statement to the City of Flint specifying that the Residential-PCR that will be utilized for the production of the City of Flint’s Waste and Recycling Carts was generated by households and collected for recycling by a curbside or drop-off recycling program in the United States and will be purchased at a volume equal to or exceeding five percent (5%) of the cart and lid total weight of Waste and Recycling Carts purchased and a copy of a letter of intent to purchase this material from an accredited vendor or vendors of post-consumer recycled material.</p>		

<p><b>POST-ROLLOUT RECYCLED CONTENT DOCUMENTATION REQUIREMENTS:</b> The Offeror acknowledges and will comply with each of the following documentation requirements:</p> <p>The invoice or accompanying documentation from the Waste and Recycling Cart manufacturer to the City of Flint must detail the following:</p> <ul style="list-style-type: none"> <li>The overall number of Waste and Recycling Carts purchased and distributed.</li> <li>The total weight of Waste and Recycling Carts purchased including the mass of the body, lid and wheels.</li> <li>The overall percentage of recycled content total utilized in the manufacturing of the Waste and Recycling Carts.</li> <li>The total weight of Residential-PCR utilized in the manufacturer of the Waste and Recycling Carts.</li> </ul>		
<p><b>RECYCLABILITY:</b> Waste and Recycling Carts and Lids must be one hundred percent (100%) recyclable.</p>		
<p><b>RECYCLABILITY AND ASSOCIATED SERVICES:</b> The City of Flint is interested in whether each Offeror has an option for repurchasing and/or recycling Carts at the end of their useful life.</p> <ul style="list-style-type: none"> <li>Does the Offeror provide Waste and Recycling Cart recycling and/or buyback services?</li> <li>Does the Offeror own and operate their own recycling division?</li> <li>Does the Offeror subcontract or work with an outside party to provide Waste and Recycling Cart recycling and/or buyback services?</li> <li>Is a buyback and/or recycling program outline or brochure provided with the Offeror's submittal?</li> </ul>		

**Table C – ANSI Conformance and Construction Requirements:** The Waste and Recycling Carts must be compatible with standard American semi-automated bar-locking lifters (ANSI type B) as well as automated arm lifters (ANSI type G) and function as follows:

Table C – ANSI Conformance and Construction Requirements	Yes	No
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<p><b>ANSI CONFORMANCE:</b> Carts proposed herein must meet the most current requirements of ANSI Z245.30 and ANSI Z245.60 standards for “Type B/G” Carts.</p> <p>The Offeror must submit independently certified copies of all ANSI test results with proposal. Test results must state load (in pounds) under which tests were conducted. The ANSI Appendix D test for “Loading and Unloading Test for Containers” must clearly state that the required 520 dump cycles under the Cart’s full rated load were performed on both a Semi-Automated Container Lifter and a Fully Automated Grabber Arm.</p>		
<p><b>INTERIOR CONSTRUCTION:</b> The interior surface of the Waste and Recycling Carts must be smooth and free from crevices, recesses, projections, and other obstructions where material inside the Waste and Recycling Carts could become trapped. The lower catch bar cannot be exposed to the interior of the Cart.</p>		
<p><b>SEMI-AUTOMATED LIFT SYSTEM:</b> Each Waste and Recycling Cart shall be equipped with an internal upper lifting skirt, which makes it compatible with standard American semi-automated bar-locking lifters. The lower catch bar of the 95+/-Gallon and 65+/-Gallon Carts must come pre-installed from the manufacturer, must be designed to withstand over ten (10) years of lifter attachment, must be constructed of galvanized/corrosion-resistant metal or composite material, must be a minimum ¾ inches in diameter, must be free floating, and must not be exposed to the interior of the Cart. Waste and Recycling Carts with bolted-on lower bars are NOT acceptable.</p>		
<p><b>FULLY AUTOMATED LIFT SYSTEM:</b> Each Waste and Recycling Cart shall be equipped with an exterior pattern or texture in the collection area that improves the friction between the lifter and the Cart to reduce the number of Carts falling into the hopper of the collection vehicle.</p>		
<p><b>ABRASION PROTECTION:</b> The Waste and Recycling Carts must be designed with a drag rail or wear ridge on the Cart bottom. The Waste and Recycling Cart base must be reinforced in the area that contacts the ground with a molded-in wear strip.</p>		

<p><b>RIM OF BODY:</b> The top of the Waste and Recycling Cart body shall be molded with a reinforced rim to add structural strength and stability to the Cart and to provide a flat surface for lid closure. This reinforced rim shall have a raised inner perimeter to serve as a barrier to escaping odors, intrusion of pests, and to prevent moisture from entering the Cart from under the edge of the lid. The rim of the Cart must not be designed to have an inward radius to obstruct free flow emptying of material out from the Cart.</p>		
<p><b>BODY:</b> The Cart shall be aerodynamically designed to remain stable in winds of approximately 25-30 miles per hour either empty or loaded.</p>		
<p><b>STABILITY:</b> The Cart shall be designed whether empty or full to remain in the upright position when the lid is thrown open.</p>		
<p><b>LID:</b> The lid shall be of one-piece construction; injection molded of high-density polyethylene resin (HDPE). The lid shall be configured to ensure that it will not warp, bend, slump, or distort to such an extent that it no longer fits the Cart properly or becomes otherwise unserviceable. The lid must be crowned in shape and designed to disallow entry of rain when in the closed position. The lid must open from a closed position through a full 270° arc and hang open without stressing the lid or Cart body. Living hinges and lid counterweights are unacceptable. The manufacturer may not attach lids to Carts using metal hinges, brackets/bolts and/or screws, metal bars, PVC, plastic glued connections, or any hidden bars. Lid attachments must be constructed of weather resistant plastic only. Attachments must be easily installed during Cart assembly and uninstalled during Cart disassembly. Lid must be capable of being imprinted with a custom hot stamp or in-mold label technology. Lid attachment hinge must be no less than 1.25 inches in width.</p> <p>STATE LID HINGE ATTACHMENT WIDTH for 95 +/- Gallon Waste Carts: _____ inches</p> <p>STATE LID HINGE ATTACHMENT WIDTH for 65 +/- Gallon Recycling Carts: _____ inches</p>		

<p><b>HANDLES:</b> Each Waste and Recycling Cart must be equipped with a handle that is a minimum of 1 inch in diameter. The handle and handle mounts must be an integrally molded part of the Cart body. The handle shall be designed to afford the user positive control of the loaded Cart. The handle must not have the ability to rotate on its own axis at any time. Handles that are molded as part of the lid are unacceptable. Bolted-on handle mounts or bolted-on handles are unacceptable.</p>		
<p><b>AXLE:</b> The axle for the 65+/- Gallon Recycling Cart must be a minimum of 5/8 inches (0.625 inches) in diameter, high strength steel fully supported by Cart body, and the axle for the 95+/- Gallon Waste Cart must be a minimum of 5/8 inches (0.625 inches) in diameter, high strength steel fully supported by Cart body. The Axle for the Waste and Recycling Carts must be zinc chromate plated or powder coated equivalent for corrosion protection / rust resistance. Axle must slide through at least (2) two molded-in plastic journals in the Cart bottom and must not be exposed to contents inside of Cart. There must also be a minimum of (2) two half journals molded into the bottom of the Cart for the axle to slide through to ensure proper weight distribution of the contents of the Cart. Axles attached by means of bolts or rivets are unacceptable.</p>		
<p><b>EASE OF ASSEMBLY AND DISASSEMBLY:</b> The Offeror must supply a Cart assembly instruction sheet with their response. The instruction sheet should include a list of Cart parts and a list of tools needed for assembly.</p>		

**Table D - Cart Specifications for 95+/- Gallon Waste Carts:** The Waste Carts offered must be 95 Gallons (+/-3%) and must comply with the following listed specifications no exceptions will be taken unless approved in writing by the City of Flint.

Table D – 95+/- Gallon Waste Cart Description	Yes	No
<p><b>LOAD RATING:</b> The 95+/- Gallon Waste Cart must be designed to regularly receive and dump the following pounds of waste materials, excluding the weight of the Waste Cart, without permanent damage or deformation. The load rating must conform to ANSI Standard Z245.30.</p> <p style="text-align: center;"><b>95+/-Gallon – minimum 300 pounds</b></p> <p>STATE LOAD RATING OF CART: _____ pounds</p>		



<p><b>MANEUVERABILITY:</b> To ensure that the proposed 95+/- Gallon Waste Cart is easily operated by residents, the Offeror must state the average tipping forces required to maneuver a fully loaded Waste Cart when tilted to the roll position. The Offeror must also submit documentation that conforms to ANSI Z-245.60 Force to Tip testing that clearly defines the Waste Cart’s maximum average tipping force. Any Waste Cart that is judged as too difficult to tilt when loaded to maximum capacity of material will be disqualified.</p> <p>STATE MAXIMUM AVERAGE FORCE: _____ pounds</p>		
<p><b>RESIN WEIGHT:</b> The quoted Waste Cart must be manufactured to achieve a minimum resin weight of the following:</p> <p style="text-align: center;"><b>95+/- Gallon – minimum 29.5 pounds</b></p> <p>STATE RESIN WEIGHT OF WASTE CART: _____ pounds</p>		
<p><b>WALL THICKNESS:</b> The quoted 95+/- Gallon Waste Cart must have a nominal wall thickness average of 0.165 inches throughout the body of the Waste Cart and a minimum wall thickness and 0.185 inches in the critical wear points (i.e. Cart bottom, handle and lift mechanism). The minimum wall thickness of the lid must be 0.140 inches.</p> <p>STATE BODY WALL THICKNESS: _____ inches  STATE CRITICAL WEAR POINT THICKNESS: _____ inches  STATE LID WALL THICKNESS: _____ inches</p>		
<p><b>CAPACITY:</b> The total capacity of the Waste Cart body, excluding the lid, must be 95 U.S. Gallons (+/- 3%). Offeror must include an independent test result according to ANSI Z245.30, Appendix A (Volume Test), certified by an accredited professional engineer, showing the exact capacity of the Cart body (to the nearest 0.1 U.S. Gallon).</p> <p>STATE TOTAL CAPACITY: _____ Gallons</p>		
<p><b>DIMENSIONS:</b> The maximum exterior dimensions of the completely assembled Cart are as follows:  HEIGHT: 46 inches  DEPTH: 34 inches  WIDTH: 29 inches</p> <p>STATE HEIGHT: _____ inches  STATE DEPTH: _____ inches  STATE WIDTH: _____ inches</p>		

<p><b>WHEELS:</b> Wheels for the Waste Cart shall be minimum 10 inches in diameter and 1.75 inches wide with knobby treads. Wheels must be extra high molecular weight polyethylene capable of supporting a minimum of 200 lbs. Wheels must be snap on style wheels. Wheels that require the use of pal nuts, washers or other means of connection will be considered unacceptable.</p>		
<p><b>NUMBER OF PARTS:</b> For ease of assembly and parts inventory, The City is requesting the Offeror to state the number of separate parts that comprise each Cart to include but not limited to; lid, body, wheels, axle, catch bar, rivets, lid fastener components, etc. A maximum of 8 parts is required.</p> <p>STATE NUMBER OF SEPARATE PARTS: _____</p>		

**Table E - Cart Specifications for 65+/- Gallon Recycling Carts:** The Recycling Carts offered must be 65 Gallons (+/-3%) and must comply with the following listed specifications no exceptions will be taken unless approved in writing by the City of Flint.

Table E – 65+/- Gallon Recycling Cart Description	Yes	No
<p><b>LOAD RATING:</b> The 65+/- Gallon Recycling Cart must be designed to regularly receive and dump the following pounds of recycled materials, excluding the weight of the Recycling Cart, without permanent damage or deformation. The load rating must conform to ANSI Standard Z245.30.</p> <p style="text-align: center;">65 +/- Gallon – minimum 227 pounds</p> <p>STATE LOAD RATING OF CART: _____ pounds</p>		
<p><b>MANEUVERABILITY:</b> To ensure that the proposed 65+/- Gallon Recycling Cart is easily operated by residents, the Offeror must state the average tipping forces required to maneuver a fully loaded Recycling Cart when tilted to the roll position. The Offeror must also submit documentation that conforms to ANSI Z-245.60 Force-to Tip testing that clearly defines the Recycling Cart’s maximum average tipping force. Any Recycling Cart that is judged as too difficult to tilt when loaded to maximum capacity of material will be disqualified.</p> <p>STATE MAXIMUM AVERAGE FORCE: _____ pounds</p>		

<p><b>RESIN WEIGHT:</b> The quoted Recycling Cart must be manufactured to achieve a minimum resin weight of the following:</p> <p style="text-align: center;"><b>65+/- Gallon – min 24 pounds</b></p> <p>STATE RESIN WEIGHT OF RECYCLING CART: _____ pounds</p>		
<p><b>WALL THICKNESS:</b> The quoted Recycling Cart must have a nominal wall thickness of 0.155 inches throughout the body of the Recycling Cart and a minimum wall thickness of 0.165 inches in the critical wear points (i.e. Cart bottom, handle and lift mechanism). The minimum wall thickness of the lid must be 0.140 inches.</p> <p>STATE BODY WALL THICKNESS: _____ inches  STATE CRITICAL WEAR POINT THICKNESS: _____ inches  STATE LID WALL THICKNESS: _____ inches</p>		
<p><b>CAPACITY:</b> The total capacity of the Recycling Cart body, excluding the lid, must be 65 Gallons (+/- 3%). Offeror must include an independent test result according to ANSI Z245.30, Appendix A (Volume Test), certified by an accredited professional engineer, showing the exact capacity of the Cart body (to the nearest 0.1 U.S. Gallon).</p> <p>STATE TOTAL CAPACITY: _____ Gallons</p>		
<p><b>DIMENSIONS:</b> The maximum exterior dimensions of the completely assembled Cart are as follows:</p> <p>HEIGHT: 44 inches  DEPTH: 27.00 inches  WIDTH: 26.50 inches</p> <p>STATE HEIGHT: _____ inches  STATE DEPTH: _____ inches  STATE WIDTH: _____ inches</p>		
<p><b>WHEELS:</b> Wheels shall be minimum 10 inches in diameter and 1.75 inches wide with knobby treads. Wheels must be extra high molecular weight polyethylene capable of supporting a minimum of 200 lbs. Wheels must be snap on style wheels. Wheels that require the use of pal nuts, washers or other means of connection will be considered unacceptable.</p>		

<p><b>NUMBER OF PARTS:</b> For ease of assembly and parts inventory, the City of Flint is requesting the Offeror to state the number of separate parts that comprise each Cart to include but not limited to; lid, body, wheels, axle, catch bar, rivets, lid fastener components, etc. A maximum of 8 parts is required.</p> <p>STATE NUMBER OF SEPARATE PARTS: _____</p>		
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**Table F – Cart Markings:** Each Cart, 95+/- Gallon or 65+/- Gallon must be permanently marked as follows:

<b>Table F – Cart Markings</b>	<b>Yes</b>	<b>No</b>
<p><b>SERIAL NUMBER OR BAR CODES:</b> Each Waste and Recycling Cart must have a bar code or associated serial number branded in white on the Cart. The final serial number shall be determined by the City of Flint with the support of the selected Cart manufacturer. The barcode or serial number must be visible when carts are nested during shipment. The serial number/bar code shall contain a unique set of numbers. The barcode or RFID tag will be used to scan the carts in and out of inventory and to track warranty. Adhesive or sticker serial number or bar codes are not acceptable. The Offeror will maintain an electronic file and database that will identify the date of manufacture by the serial number for warranty purposes in the future.</p> <p>The bar codes or RFID Tags are mandatory and will be used for Cart distribution and management after distribution.</p>		
<p><b>MANUFACTURE DATE:</b> Under the barcode or in the serial number on each Cart the date of manufacture must clearly be displayed.</p>		
<p><b>CART LOGO:</b> The City of Flint seeks to have customized hot stamps applied to the bodies of the Waste and Recycling Carts. The exact phrasing and logo details will be finalized with the selected Cart Manufacturer. The City of Flint’s present thinking is that the words “Property of The City of Flint” and the logo or seal of the City of Flint shall be affixed by hot stamp onto one side of the Waste and Recycling Cart bodies and the words “Flint Strong” shall be affixed by hot stamp onto the other side of the Waste and Recycling Cart bodies. The final artwork for logo and text must be approved by the City of Flint.</p>		

**Table G – Lid Markings:** The Lids of each Waste and Recycling Cart must be permanently marked as follows:

<b>Table G – LID Markings</b>	<b>Yes</b>	<b>No</b>
<b>USER INSTRUCTION:</b> Instructions for the safe use of the Cart must be molded into each lid. Instructions shall be approved by the City of Flint.		
<b>LOAD RATING:</b> The load rating of the Cart must be raised-relief molded into the lid. Load rating shall be stated in both pounds and kilograms.		
<b>WASTE CART LID MARKINGS:</b> The words “Bagged Waste Only” shall be affixed by hot stamp onto Lid of the 95+/- Gallon Waste Carts. The exact wording will be finalized with the selected Cart Manufacturer, and the final text must be approved by the City of Flint.		
<b>RECYCLING CART LID MARKINGS:</b> The words “Recyclables Only” shall be affixed by hot stamp onto Lid of the 65+/- Gallon Recycling Carts. The exact wording will be finalized with the selected Cart Manufacturer, and the final text must be approved by the City of Flint.		

**Table H – Optional Recycling Cart In-Mold Label (IML) Specifications:** The City of Flint seeks the option of including an In-Mold Label on the Lid of the 65+/- Gallon Recycling Carts. The Offeror shall be prepared to include a colored In-Mold Label with information pertinent to the City of Flint’s Recycling Program on the Lid of the 65+/- Gallon Recycling Carts. Recycling Carts with the addition of this feature shall be priced separately on the Price Proposal Form. The City of Flint shall provide the In-Mold Label related artwork.

<b>Table H – Optional Recycling Cart In-Mold Label Specifications for 65+/- Gallon Recycling Carts - The In-Mold Label must comply with the following listed specifications</b>	<b>Yes</b>	<b>No</b>
In-Mold Label shall be permanently molded into the Recycling Cart lid. It should not wear or peel from normal uses. It shall have ultra-violet and other protection from the effects of the sun.		
<b>LID MARKINGS:</b> Should the City of Flint decided to exercise the option to purchase 65+/- Gallon Recycling Carts with an In-Mold Label on the lid, then the required Recycling Cart Lid Markings referenced in Table G may be eliminated, changed or updated accordingly to compliment the information presented on the In-Mold Label		
<b>PRICING:</b> The optional In-Mold Label for the 65+/- Gallon Recycling Carts shall be one price per Recycling Cart for label design, layout, proofing, color printing, ultra-violet ray protection, placement on the lid of the Cart for the original Recycling Cart order quantity.		

<p><b>IML LABEL SIZE:</b> The size of the In-Mold Label for the 65+/- Gallon Recycling Cart Lid shall be 8 inches by 12 inches or scaled accordingly.</p> <p>STATE DIMENSIONS OF IML: _____ inches by _____ inches</p>		
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**Table I – Warranty:** The Offeror must submit with its proposal a warranty specimen of the exact warranty offered for the Carts. The Waste and the Recycling Carts shall have the same warranty. The warranty must be for no less than ten (10) full years and must specifically provide for no-charge replacement of any component parts that fail in materials of workmanship for a period of ten (10) years after installation. The transportation costs of sending the warranty Waste and/or Recycling Carts to the City of Flint or the Contracted Hauler must be assumed by the Offeror. Also, the warranty extends only to the first purchaser of Waste and Recycling Carts. The Offeror's warranty is understood to include, whether stated in Offeror’s warranty or not, the following coverage:

<b>Table I - Warranty Description</b>	<b>Yes</b>	<b>No</b>
The 95+/- Gallon Waste Carts and the 65+/- Recycling Carts shall have the same warranty coverage.		
The warranty covers the failure of the lid to prevent rainwater from entering the Cart when in the closed position.		
The warranty covers damage to the Cart body, lid or any component parts through opening or closing the lid.		
The warranty covers the failure of the lower lift bar from damage during interface with standard ANSI approved lifting devices.		
The warranty covers the failure of the body and lid to maintain their original shape.		
The warranty covers damage or cracking of the Cart body through normal operating conditions.		
The warranty covers failure of the wheels to provide continuous easy mobility as originally designed.		
The warranty covers failure of any part to conform to minimum standards as specified herein.		
The Warranty must be non-prorated for a full 10 years.		



<p>If Offeror is owned by another business entity, then the owning entity must also accept full financial responsibility for the warranty of the Offeror. The Offeror must submit with their bid a letter from the owning entity which clearly states its obligation and commitment to honor the warranty of the Offeror, should the Offeror ever be in a position to not do so. Such letter shall be signed by the owning entity's top officer and notarized.</p>		
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**Table J – Assembly and Delivery:** The City of Flint is seeking Assembly and Delivery (A&D) Services as part of this Waste and Recycling Cart procurement.

<b>Table J – Assembly and Delivery</b>	<b>Yes</b>	<b>No</b>
<b>Assembly and Delivery Subpart 1 – Personnel</b>		
Offeror provides Assembly and Delivery Services via sub-contractor.		
Offeror provides Assembly and Delivery Services using Offeror employees / personnel.		
<b>Assembly and Delivery Subpart 2 – Delivery Planning</b>		
The Offeror shall be responsible for shipment, staging, assembling and delivering Waste and Recycling Carts and coordinating the delivery of Carts in field. One (1) 95+/- Gallon Waste Cart and one (1) 65+/- Recycling Cart will be distributed to each residential address in the City. The City of Flint shall supply a comprehensive address list no less than 4 weeks prior to container delivery start date.		
Carts may be delivered six (6) days per week, Monday through Saturday.		
Offeror shall perform deliveries based off of City of Flint or Contracted Hauler's assigned routes, or on an otherwise mutually agreed upon route and schedule.		
Offeror must use handhelds that can add any addresses that may have been excluded from the original delivery list in the field.		
Offeror must provide handhelds that have resolution codes for coding out exceptions to delivery.		
These resolution codes would include, but are not limited to vacant property, burned out structure, uninhabitable home, vacant lot, with final list of resolution codes to be agreed upon by the City of Flint and the selected Offeror.		
<b>Assembly and Delivery Subpart 3 – Data Responsibility and Delivery</b>		

The Offeror will be required to scan every container to assign it to an address during delivery. Information includes asset serial number, RFID number, asset size/type, address, and latitude/longitude of delivery location. Manual written down serial numbers are NOT acceptable.		
Offeror shall complete this task at all locations for each Waste and Recycling Cart in all conditions except as a result of extreme weather conditions or Acts of God.		
Offeror will have the ability to migrate all open and closed request data into a Cloud-based asset management system for ongoing Cart management and reporting.		
Offeror will make available all data resulting from Assembly and Delivery including asset serial number, RFID number, asset size/type, address, and latitude/longitude of delivery location available to City of Flint and / or the Contracted Hauler upon request by the City of Flint.		
<b>Assembly and Delivery Subpart 4 – Automated Reports and Portal Access</b>		
Offeror shall provide access to a cloud-based portal to see ongoing open and closed requests during the Cart roll out.		
Offeror will provide access to daily closed request information.		
Offeror will utilize a cell-based handheld for container scanning for real-time updates on delivery completion.		
Cart delivery reports will be available on demand through a web portal.		
Cart delivery open and completed requests will be displayed in a widget on the desktop users dashboard.		
Upon completion of Assembly and Delivery, Offeror shall provide the City of Flint with an updated comprehensive address list that shall include asset serial number for Waste Carts, asset serial number for Recycling Carts, the associated RFID number, asset size/type, address, and latitude/longitude of delivery location to City of Flint upon request by the City of Flint. This list shall be available as an Excel or CSV file.		
<b>Assembly and Delivery Subpart 5 – Outreach Material Distribution</b>		
Offeror shall distribute one (1) City of Flint produced and provided kit of information to each household receiving Waste and/or Recycling Carts during Assembly and Distribution. This kit of information shall be attached to each Recycling Cart in a weather-proof enclosure via a method agreed upon by the Assembly and Delivery team and the City of Flint. If the resident refuses a Recycling Cart, then the information kit shall be attached to the Waste Cart.		

**Table K - Price Adjustments and Replacement Carts:**

Table K – Price Adjustments and Replacement Carts	Yes	No
<p><b>PRICE ADJUSTMENTS:</b> Prices quoted in response to this solicitation in Pricing Part 1 and Pricing Part 2 of the Price Proposal Form shall be firm as long as Assembly and Delivery is completed prior to October 31, 2024. After October 31, 2024, prices may be subject to revision and such changes shall be negotiated between the City of Flint and the selected Offeror.</p>		
<p><b>REPLACEMENT / ADDITIONAL CARTS:</b> The City of Flint intends to enter into a relationship with the selected Cart Manufacturer which shall enable the City to purchase additional Waste and / or Recycling Carts through June 30, 2028. Replacement Waste and Recycling Carts shall be consistent with those specified herein, however no Donated Resin will be available to support the production. The City of Flint asks that Offerors submit unit-cost pricing for separately purchased Waste and/or Recycling Carts on the Price Proposal Form in Pricing Part 4. The prices submitted shall assume the City will purchase replacement / additional carts in full truck-load quantity increments.</p> <p>Offeror will provide <b>firm</b> per-cart pricing for additional carts to be purchased through June 30, 2025 as specified in Pricing Part 4 of the Price Proposal Form. Pricing for additional Waste and Recycling Carts purchased after June 30, 2025 may be adjusted as specified by the Offeror in Pricing Part 4. It is understood by the City of Flint and the Offeror that per-cart pricing in future years includes freight for full truck-load quantities.</p>		

**Table L – RFID Tag and Bar Code/Serial Number Integration:** Each Cart must be produced and shipped with a bar code/serial number and UHF RFID tag that have been pre-associated at the manufacturer’s production facility.

Table L – RFID Tag and Bar Code/Serial Number Integration	Yes	No
<p><b>RFID TAG &amp; BAR CODE/SERIAL NUMBER ASSOCIATION:</b> As stated in Table F, each Waste and Recycling Cart must have a bar code or serial number branded in white on the Cart. Each Waste and Recycling Cart must also have an UHF RFID tag that has been pre-associated with the Cart serial number at the manufacturing facility. It is the responsibility of the Cart manufacturer to provide and maintain an electronic data base for The City of Flint which includes the association information.</p>		

<p><b>RFID TAG DATA BASE:</b> The Cart manufacturer provided and maintained electronic data base must include each Cart’s RFID Tag, Serial Number, Date of Manufacture, Location of Manufacture, Container size and Container Type. It is expected that the manufacturer will maintain this data base for the City of Flint and provide additional association information for future Cart purchases.</p> <p>The City of Flint may at any time request for this information during the production of containers and said bidder must provide the association information within three (3) working days of request.</p>		
<p><b>RFID INLAY SPECIFICATIONS:</b> The RFID inlay must be passive Gen 2 UHF Tag and have an optimal operating frequency of 860 - 960 MHz and have an operating temperature of -40°F to +149°F.</p>		
<p><b>RFID TAG TESTING:</b> RFID tag used in manufacturing has been tested and certified with an IP67 rating.</p>		
<p><b>RFID TAG VERIFICATION:</b> The RFID tag must be encoded and verified at the manufacturing facility to ensure that it is working properly prior to shipment.</p>		
<p><b>RFID EXPERIENCE:</b> Offerors shall illustrate experience in providing communities with RFID enabled Carts.</p> <p>Number of RFID enabled containers on the street _____</p>		

**Table M – Spare Parts:** Offeror shall provide spare parts as follows that can be used by Contracted Hauler for non-warranty maintenance and repair.

<b>Table M – Spare Parts</b>	<b>Yes</b>	<b>No</b>
<p><b>PARTS AVAILABILITY:</b> All Offerors will supply a listing of replacement parts available for their model Cart, both for the 95 +/- Gallon Waste Cart and the 65 +/- Gallon Recycling Cart.</p>		

<p><b>PARTS FOR 65+/- GALLON RECYCLING CARTS:</b> The Cart Manufacturer will provide the following spare parts for the 65+/- Gallon Recycling Carts in the specified quantities, and these spare parts will be delivered to the Contract Hauler along with the additional Waste and Recycling Carts for inventory.</p> <p>LIDS – Quantity = 100 units</p> <p>AXLES – Quantity = 50 units.</p> <p>WHEELS – Quantity = 100 units.</p> <p>LID FASTENER / PINS – Quantity = 100 units.</p> <p>LOWER CATCH BARS – Quantity = 50 units.</p> <p>The spare Lids for the Recycling Carts shall be marked as specified in Table G unless the City of Flint decides to adopt the optional Recycling Cart IML, and in such case the Lids for the Recycling Carts shall comply with Table H.</p>		
<p><b>PARTS FOR 95+/- GALLON WASTE CARTS:</b> The Cart Manufacturer will provide the following spare parts for the 95+/- Gallon Waste Carts in the specified quantities, and these spare parts will be delivered to the Contract Hauler along with the additional Waste and Recycling Carts for inventory.</p> <p>LIDS – Quantity = 100 units</p> <p>AXLES – Quantity = 50 units.</p> <p>WHEELS – Quantity = 100 units.</p> <p>LID FASTENER / PINS – Quantity = 100 units.</p> <p>LOWER CATCH BARS – Quantity = 50 units.</p>		
<p><b>PARTS COMPATIBILITY:</b> The spare parts will in all ways match the parts provided with the fully assembled Waste and Recycling Carts delivered to Flint households and shall be completely compatible with the Waste and/or Recycling Carts accordingly.</p>		

**Table N – Delivery Timeframe**

<p><b>Table N – Delivery Timeframe</b></p>
<p>Specify the number of days the order will be fulfilled after the receipt of a purchase order:</p> <p>_____ Days</p>

Price Proposal Form  
 City of Flint

**Pricing Part 1** – Waste and Recycling Carts per Specifications for Serviced Addresses in the City of Flint including Freight and Assembly and Delivery

Description	Unit of Measure	Quantity	Unit Price	Total Price
95+/- Waste Carts	Each	35,500		
65+/- Recycling Carts	Each	35,500		
Total Cost including Freight and Assembly and Delivery*				

The exact number of Waste and Recycling Carts assembled and delivered may vary based on final address list. Any carts not delivered to service points in the City of Flint will be added to carts for inventory and delivered to 1301 Consumers Drive, Flint, MI 48505

\*The pricing submitted in the table above should not include or reflect a savings or reduction resulting from the 1.2 Million Pounds of Donated Resin. The City of Flint will apply a value for the Donated Resin as determined through the use of the IHS Chemical Market Advisory Service North American Resin Pricing Index for High Density Polyethylene (HDPE) Injection based on February 2024 Actual, and the City of Flint shall deduct this amount from the Total Cost submitted above to determine the final price to be paid by the City of Flint for the specified carts listed in Pricing Part 1.

Any Offeror taking an exception in the “Capacity to Utilize Donated Resin” section of Table A must specify here the quantity in pounds of Donated Resin it anticipates being able to utilize. If no quantity is specified below, then it will be assumed that the Offeror is able to fully utilize all 1.2 Million Pounds of Donated Resin and the final price to be paid by the City of Flint will be determined as specified above.

Quantity of Donated Resin (in pounds) that the Offeror anticipates being able to utilize in the Manufacturing of Waste and Recycling Carts. <b>Note: Only complete this section if an exception was taken in the “Capacity to Utilize Donated Resin” section of Table A.</b>	
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If an Offeror is not able to utilize all 1.2 Million Pounds of the Donated Resin, The City of Flint will apply a dollar value for the quantity of Donated Resin specified above as determined through the use of the IHS Chemical Market Advisory Service North American Resin Pricing Index for High Density Polyethylene (HDPE) Injection based on February 2024 Actual, and the City of Flint shall deduct this amount from the Total Cost submitted above to determine the final price to be paid by the City of Flint for the specified carts listed in Pricing Part 1.

**Pricing Part 2** – Waste and Recycling Carts per Specifications for Serviced Addresses in the City of Flint including Freight and Assembly and Delivery where Recycling Carts come with Optional In-Mold Label

Description	Unit of Measure	Quantity	Unit Price	Total Price
95+/- Waste Carts	Each	35,500		
65+/- Recycling Carts with optional In-Mold Label	Each	35,500		
Total Cost including Freight and Assembly and Delivery*				

The exact number of Waste and Recycling Carts assembled and delivered may vary based on final address list. Any carts not delivered to service points in the City of Flint will be added to carts for inventory and delivered to 1301 Consumers Drive, Flint, MI 48505

\*The pricing submitted in the table above should not include or reflect a savings or reduction resulting from the 1.2 Million Pounds of Donated Resin. The City of Flint will apply a value for the Donated Resin as determined through the use of the IHS Chemical Market Advisory Service North American Resin Pricing Index for High Density Polyethylene (HDPE) Injection based on February 2024 Actual, and the City of Flint shall deduct this amount from the Total Cost submitted above to determine the final price to be paid by the City of Flint for the specified carts listed in Pricing Part 2.

Any Offeror taking an exception in the “Capacity to Utilize Donated Resin” section of Table A must specify here the quantity in pounds of Donated Resin it anticipates being able to utilize. If no quantity is specified below, then it will be assumed that the Offeror is able to fully utilize all 1.2 Million Pounds of Donated Resin and the final price to be paid by the City of Flint will be determined as specified above.

Quantity of Donated Resin (in pounds) that the Offeror anticipates being able to utilize in the Manufacturing of Waste and Recycling Carts. <b>Note: Only complete this section if an exception was taken in the “Capacity to Utilize Donated Resin” section of Table A.</b>	
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If an Offeror is not able to utilize all 1.2 Million Pounds of the Donated Resin, then The City of Flint will apply a dollar value for the quantity of Donated Resin specified above as determined through the use of the IHS Chemical Market Advisory Service North American Resin Pricing Index for High Density Polyethylene (HDPE) Injection based on February 2024 Actual, and the City of Flint shall deduct this amount from the Total Cost submitted above to determine the final price to be paid by the City of Flint for the specified carts listed in Pricing Part 2.

**Pricing Part 3** – Carts for Inventory Delivered to Contracted Hauler including Freight to 1301 Consumers Drive, Flint, MI 48505

Description	Unit of Measure	Quantity	Unit Price	Total Price
95+/- Waste Carts	Each	500		
65+/- Recycling Carts	Each	500		
65+/- Recycling Carts with optional In-Mold Label	Each	500		

**Pricing Part 4** – Additional / Replacement Carts in Future Years, including Freight for Full Truck-Load Quantities. Offeror will provide **firm** per-cart pricing for additional carts to be purchased through June 30, 2025 as specified below. Pricing for additional Waste and Recycling Carts purchased after June 30, 2025 may be adjusted as specified by the Offeror in Pricing Part 4

Additional / Replacement 95+/- Waste Carts Including Freight for Full Truck-Load Quantities		
Description	Unit of Measure	Unit Price through June 30, 2025
95+/- Waste Carts	Each	

Additional / Replacement 65+/- Recycling Carts Including Freight for Full Truck-Load Quantities		
Description	Unit of Measure	Unit Price through June 30, 2025
65+/- Recycling Carts	Each	

Additional / Replacement 65+/- Recycling Carts Including Freight for Full Truck-Load Quantities		
Description	Unit of Measure	Unit Price through June 30, 2025
65+/- Recycling Carts w/IML	Each	

Describe Pricing Adjustment (if any) for Additional / Replacement Waste and Recycling Carts including Freight for Full Truck-Load Quantities to be purchased after June 30, 2025.
Description:

**Pricing Part 5** – Spare Parts per Specifications Delivered to Contracted Hauler Including Freight to 1301 Consumers Drive, Flint, MI 48505

Parts for 95+/- Gallon Waste Carts including Freight
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Description	Unit of Measure	Quantity	Unit Price	Total Price
Lids	Each	100		
Axles	Each	50		
Wheels	Each	100		
Lid Fasteners / Pins	Each	100		
Lower Catch Bars	Each	50		

Parts for 65+/- Gallon Recycling Carts including Freight				
Description	Unit of Measure	Quantity	Unit Price	Total Price
Lids	Each	100		
Lids with Optional In-Mold Label	Each	100		
Axles	Each	50		
Wheels	Each	100		
Lid Fasteners / Pins	Each	100		
Lower Catch Bars	Each	50		