



**CITY OF DUBLIN
INVITATION TO BID
BID #24-11-002**

Issue Date: November 13, 2024
OPENING DATE AND TIME: December 9, 2024 at 2:00 PM

The City of Dublin will receive sealed bids for furnishing supplies or services at:

**CITY OF DUBLIN PURCHASING OFFICE
702 E MADISON ST.
DUBLIN, GA 31021**

Bids will be publicly opened and read on the above stated date and time, local time prevailing. Late bids will not be accepted. No extension of the bidding period will be made. The City reserves the right to award a bid to multiple bidders when more than one item appears in a bid package.

Purchase requested by: Solid Waste Dept.

ITEM	SUPPLIES/SERVICES	QTY.	UNIT COST	TOTAL COST
1.	2024-2025 Front Loader Refuse Collection Garbage Truck per attached specs	1 each	\$ _____	\$ _____

f.o.b. Dublin
Delivery Time: _____

**W-9 (Rev. March 2024) must be provided with bid.

**Supporting literature must be provided with bid. P

In compliance with the above, the undersigned offers and agrees, if this bid is accepted within sixty (60) calendar days from the date of opening, to furnish any and all of the items upon which prices are quoted, at the price set opposite each item, delivered at the designated point(s) within the time specified in the schedule. Items on bid are exempt from federal excise tax and Georgia sales and use tax. Title shall pass to the City only upon actual receipt and acceptance of the items. In the event there is a discrepancy between the unit price and the extended price, the unit price shall govern. Terms are N30. Bids will not be accepted via facsimile or e-mail. _____ (Please initial)

NAME & ADDRESS OF BIDDER

SIGNATURE OF BIDDER

DATE

PHONE NUMBER & FAX NUMBER

SIGNER'S NAME & TITLE (Type or Print)

E-Mail: _____

For information regarding this bid, contact David Sawyer, Purchasing Dir., at sawyerd@dublinga.org.

INSTRUCTIONS FOR BIDDERS

- I. Bids must be received by the designated date and time.
Late bids will not be accepted.
 - II. Bids must be delivered to:

City of Dublin - Purchasing Department
P. O. Box 690
702 E Madison St. (31021)
Dublin, GA 31040
ATTN: David Sawyer
 - III. Bids must be sealed with the bid number clearly printed on the outside of the envelope.
 - IV. Bids must be complete and include:
 - A. Completed Bid Proposal Form
 - B. Executed Affidavit of Non-Collusion
 - C. Executed Bidder's Declaration
- All bids submitted shall be subject to acceptance or rejection and the City of Dublin specifically reserves the right to accept or reject any or all bids, to waive any technicalities and formalities in the bidding.
 - Failure of the bidder to sign the bid or have the signature of any authorized representative or agent on the bid/proposal **IN THE SPACE PROVIDED** may be cause for rejection of the bid. Signature must be written in ink. Typewritten or printed signatures are not acceptable.
 - All bids should be tabulated, totaled and checked for accuracy. The unit price will prevail in case of errors.
 - If only one bid is received, the bid will be forwarded to the Mayor and Council for a determination to accept and award the bid or to reject and re-bid.
 - Bids requiring bid bonds will not be read or considered if bond is not enclosed. Bond may be in the form of cash, certified check, cashier's check or Surety Bond issued by a Surety Company licensed to conduct business in Georgia.
 - Bids must meet or exceed the specifications in order to be considered by the City of Dublin. Any reference to brand name is to be considered generic. The City of Dublin reserves the right to award a bid to more than one bidder when two or more items appear on the bid schedule. Awards will be based on the lowest and best bid with local vendors within the City of Dublin receiving a 3% preference. Payment terms are N30 unless otherwise stated in the bid.
 - Bidders shall submit all required forms and information simultaneously with sealed bids, which forms and information become a part of the property of the City of Dublin and will not be returned to bidders

unless a written request to withdraw is received prior to the designated date and time of the bid opening.

- It shall be the responsibility of all bidders to indicate the brand name and model or series number of the product offered and to furnish with their bid such specifications, catalog pages, brochures, or other data that will provide an adequate basis for determining the quality and functional capabilities of the product offered. Failure to provide the requested data or product demonstrations and/or sample may be considered valid justification for rejection of bid.
- All bidders must be recognized and authorized dealers in the materials or equipment specified and be qualified to advise in their application or use. A bidder at any time requested must satisfy the Purchasing Office and City Council that he has the requisite organization, capital, plant, stock, ability and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.
- When requested, SAMPLES will be furnished free of expense, properly marked for identification and accompanied by a list where there is more than one sample. The City reserves the right to mutilate or destroy any samples submitted whenever it may be in the best interest of the City to do so for the purpose of testing.
- The unauthorized use of patented articles is done entirely at risk of successful bidder.
- The ESTIMATED QUANTITY given in the specifications or advertisement is for the purpose of bidding only. The City may purchase more or less than the estimated quantity, and the vendor must not assume that such estimated quantity is part of the contract.
- Only the latest model equipment as evidenced by the manufacturer's current published literature, will be considered. Obsolete models of equipment not in production will not be acceptable. Equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specifications, all equipment catalogued by the manufacturer as standard or required by the State of Georgia shall be furnished with the equipment. Where required by the State of Georgia Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Georgia Department of Revenue.
- A contract will not be awarded to any corporation, firm or individual who is, from any cause, in arrears to the City or who has failed in any former contract with the City to perform work satisfactorily, either as to the character of the work, the fulfillment of the guarantee, or the time consumed in completing the work.
- Contracts may be cancelled by the City with or without cause with 30-day written notice.

BIDDER'S DECLARATION

The bidder understands, agrees and warrants:

- That the bidder has carefully read and fully understands the full scope of the specifications.
- That the bidder has the capability to successfully undertake and complete the responsibilities and obligations in said specifications.
- That this bid may be withdrawn by requesting such withdrawal in writing at any time prior to the scheduled bid opening, but may not be withdrawn after such date and time.
- That the City of Dublin reserves the right to reject any or all bids and to accept that bid which will, in its opinion, best serve the public interest. The City of Dublin reserves the right to award the bid to separate bidders when more than one item appears on the schedule. The City of Dublin reserves the right to waive any technicalities and formalities in the bidding.
- That the bidder understands that these specifications are the minimum requirements and must be met or exceeded in order to be considered by the City of Dublin. The bidder acknowledges that the item bid is suitable for the intended application.
- That by submission of this bid the bidder acknowledges that the City of Dublin has the right to make any inquiry or investigation it deems appropriate to substantiate or supplement information supplied by the bidder.

If a partnership, a general partner must sign.

If a corporation, the authorized corporate officer(s) must sign and the corporate seal must be affixed to this bid.

BIDDER:

Name

Title

Name

Title

AFFIX CORPORATE SEAL (if applicable)

TERMS AND CONDITIONS – INVITATION TO BID

1. CHANGES: No change will be made to this invitation except by written modification by the City Purchasing Office. Requests for changes must be in writing and received at least ten (10) calendar days prior to the time set for opening of the bids.

2. FOB POINT: Bid price to include shipping, packing, crating, and unloading at the address in the BID SCHEDULE. Title to remain with vendor until fully accepted by the City. Goods damaged or not meeting specifications will be rejected and removed at vendor's expense. Concealed damaged goods to remain the property of vendor until replaced or removed at City's direction. All bid responses received will be F.O.B. Dublin. Due to volume of order, delivery shipment schedule will be coordinated between the successful bidder and the City of Dublin.

3. RISK OF LOSS: Vendor agrees to bear all risk of loss, injury, and destruction of goods and materials ordered herein which occur prior to delivery to include concealed damage; and such loss, injury, or destruction shall not release vendor from any obligation.

4. BID IDENTIFICATION: All bids submitted as a result of this invitation must be returned in a sealed envelope with the bid number on the envelope.

5. WITHDRAWAL OF BIDS: Bids may be withdrawn by written request only, if the request is received prior to the time and date set for the opening of bids. Negligence on the part of the bidder in preparing his bid confers no right of withdrawal or modification of his bid after bid has been opened.

6. BID BONDS: A. Bid Bond: not required
 B. Payment and Performance Bonds: not required

7. SITE INSPECTIONS: When applicable, bidders should inspect the site to ascertain the nature and location of work and the general conditions which could affect the cost of the work. The City will assume no responsibility for representations or understandings made by its officers or employees unless included in this Invitation for Bid. While site inspections are not a mandatory requirement to submit a proposal, vendors are urged to schedule inspections to ascertain all the requirements of this invitation.

8. AWARD OF CONTRACT: Awards will be made to that responsible bidder whose bid, conforming to the Invitation for Bid, will be most advantageous to the City. Prices will not necessarily be controlling, but quality, equality, efficiency, delivery, suitability of item(s) offered, maintainability, and reputation of item(s) in general use will also be considered with any other relevant factors. The City reserves the right to reject any and/or all bids submitted and to waive any technicalities or minor irregularities in bids received. A written award, mailed (or otherwise furnished) shall be deemed to result in a binding contract without further action by either party. Contract(s), if awarded, will be on a lump sum basis or individual item basis, whichever is found to be in the best interest of the City of Dublin.

8.1: In accepting this contract, the vendor attests that he is in compliance with the Nondiscrimination Clause contained in Section 202 of Executive Order 11246, as amended, relative to equal employment opportunity for all persons without regard to race, color, religion, sex, or national origin, and the implementing rules and prescribed by the Secretary of Labor, which is incorporated herein by reference.

9. EXCEPTIONS TO SPECIFICATIONS: Any award resulting from this invitation shall bind the bidder to all Terms, Conditions, and Specifications set forth in this invitation. Bidders whose bids do not conform should so note on a separate page if necessary and/or on the **Bid Schedule**. While the City reserves the right to make an award to a nonconforming bidder when in the best interest of the City, such awards will not be readily made, and bidders are urged to conform to the greatest extent possible. No exceptions will be considered to have been taken by bidder unless it is properly set out as provided above. No exception will be deemed to have been taken by the City unless incorporated in an award resulting from this invitation and so stated.

10. BID RESULTS: Interested parties may request, in writing, a **Bid Tabulation** by sending a self-addressed, stamped envelope with their request to City of Dublin Purchasing Department, P.O. Box 690, Dublin, GA 31040. Tabulations may also be requested by e-mail to sawyerd@dublinga.org.

11. PAYMENT: Payments will be made upon all items completed each month or completion of all work and acceptance by City on invoices submitted and approved by the proper city representative within thirty (30) days of receipt of invoice unless discounts apply (see item #13). Invoices are to be submitted to: City of Dublin, P.O. Box 690, Dublin, GA 31040.

11.1 Itemize all invoices in full. Mail the original invoice to the address above. A shipping or receiving ticket will be signed and a copy left with each delivery. Purchase order numbers must appear on all delivery tickets and invoices.

11.2 Vendor must furnish delivery receipt identifying that this order has been delivered in accordance with the specifications, quantities, and price as set forth on the purchase order. A City of Dublin employee's signature must appear on the delivery receipt or invoice.

11.3 Items on this order are exempt from Federal Excise Tax and Georgia Sales and Use Tax. A certificate will be furnished if requested. The CITY OF DUBLIN is exempt from taxes but the successful bidder shall pay all taxes required of him by law and the CITY OF DUBLIN cannot exempt others from tax.

11.4 Payment terms and provisions herein or otherwise found within the contract documents supersede all provisions of the Georgia Prompt Pay Act (House Bill 837; 13 O.C.G.A. chapter 11 **ET. SEQ.**).

12. INQUIRIES REGARDING PAYMENT: All inquiries regarding payment of invoices are to be directed to Accounts Payable at (478) 277-5018 or to City of Dublin, ATTN: Accounts Payable, P. O. Box 690, Dublin, GA 31040.

13. DISCOUNTS: Prompt payment discounts offered for a period of less than fifteen (15) days will not be considered in determining the low bidder on this invitation. However, such discounts, when offered, will be taken provided payment is made within the time specified. Time, in connection with discounts for prompt payments, will be computed from the date of acceptance of work for which payment is claimed, or the date the correct invoice is received by the City, whichever is later.

14. EXECUTION OF CONTRACT: Subsequent to the award, the successful bidder will be presented with a contract which may be in the form of a purchase order. Contract is to be executed with ten (10)

calendar days of from award notice. If the contract document is mailed, the date of presentation shall be the postmark date.

15. INCLUSION: All items and/or services which are standard, expected, necessary, and/or routine to such a project as this and not actually stated in this invitation will be the responsibility of the successful bidder to provide at no other cost to the City unless so stated on the successful bidder's proposal as additional cost items and accepted by the City at the time of the award and/or contract.

16. REGULATORY AGENCIES: Successful bidder will be responsible for all required permits or licenses required by regulatory agency of the City, County, State, or Federal Governments. Further, successful bidder will be responsible for meeting all requirements of any regulation(s) or guideline(s) of any of the said governments or any independent agency recognized by said Government as publisher of any such regulation(s) or guideline(s).

17. INDEPENDENT CONTRACTORS: The bidder represents to the CITY OF DUBLIN that he is fully experienced and properly qualified to perform the functions provided herein and that he is properly equipped, organized, and financed to perform such functions. The bidder shall finance his own operations hereunder, shall operate as an independent contractor and not as an agent of the CITY OF DUBLIN and nothing contained in this invitation or a contract resulting from same shall be construed to constitute the bidder or any of his employees, agents, or subcontractors as a partner, employee, or agent of the City nor shall either party have any authority to bind the other in any respect; it being intended that each shall remain an independent contractor.

18. ASSIGNMENT OF CONTRACTUAL RIGHTS: It is agreed that the successful bidder will not assign, transfer, convey, or otherwise dispose of a contract that results from this invitation or his right, title, or interest in or to the same, or any part thereof, without written consent of the City.

19. STARTING TIME: work will commence within the stated calendar days and commence in a routine, orderly manner until completion and acceptance by the City.

20. INDEMNITY: Successful bidder agrees, if entering into a contract as a result of this invitation, to defend, indemnify, and hold harmless the CITY OF DUBLIN from any and all courses of action or claims of damages arising out of or related to bidder's performance or actions or those of his employees or agents, under said contract.

21. TERMINATION: pursuant to O.C.G.A. 36-60-13, if applicable, any contract resulting from this invitation, if not sooner terminated pursuant to the provisions of terminations contained herein, is terminable by the CITY OF DUBLIN Council on December 31 of each calendar year during the term of said contract, except that said contract shall be renewed automatically on such date, and without any lapse, unless positive action is taken to terminate said contract by the Council in a public meeting and such action entered in the Official Minutes of the CITY OF DUBLIN Council.

22. APPROPRIATION OF FUNDS: Initial contract and any continuation contract(s) will terminate immediately and absolutely at any such time as there are no appropriated unobligated funds available to satisfy the City's obligations under said contract(s).

23. CANCELLATION FOR CAUSE: Should either party fail to comply with the Terms and Conditions

of this contract, the aggrieved party must give, in writing, to the other party any complaint for non-compliance to the Terms and Conditions of this contract. The other party shall have fifteen (15) calendar days to correct the matter. If corrected to the satisfaction of both parties within the fifteen (15) calendar days and stated in writing, then the contract will continue uninterrupted. Failure to correct the matter will result in termination of this contract at the end of the thirty (30) calendar days following the date of the initial letter of complaint.

24. LIQUIDATED DAMAGES: Any liquidated damages will be listed in the Special Terms and Conditions.

25. COMMODITY STATUS: It is understood and agreed that materials delivered shall be new, of latest design, and in first quality condition, that all bags, container, etc. shall be new and suitable for storage; unless otherwise stated by the CITY OF DUBLIN.

26. USE OF TRADE NAMES: Reference to brand or trade names are for comparative purposes only. Proposers may submit proposals on items from other manufacturers. In these instances, proposals shall be accompanied with all descriptive information necessary for a thorough evaluation. Failure to provide supporting data shall be cause for rejection.

27. DESCRIPTIVE INFORMATION: Unless otherwise specifically provided in the specifications, reference to any equipment, material, article or patented process, by trade name, make or catalogue number, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition.

28. TAXES: The City of Dublin is exempt from Federal Excise and State Sales Taxes.

29. LAWS/ORDINANCES: The Contractor shall observe and comply with all Federal, state, local and municipal laws, ordinances, rules and regulations that would apply to this contract.

30. INTEGRITY OF BID DOCUMENTS: Bidders shall use the original Bid Form(s) provided by the Purchasing Department and enter information only in the spaces where a response is requested. Bidders may use an attachment as an addendum to the Bid Form(s) if sufficient space is not available on the original form for the bidder to enter a complete response. Any modifications or alterations to the original bid documents by the bidder, whether intentional or otherwise, will constitute grounds for rejection of a bid. Any such modifications or alterations a bidder wishes to propose must be clearly stated in the bidder's proposal response and presented in the form of an addendum to the original bid documents.

31. FORCE MAJEURE: In the event that either party shall be delayed or hindered in or prevented from the performance required hereunder by reasons of strikes, lockouts, labor troubles, failure of power, riots, insurrection, war, acts of God, or other reasons of like nature not the fault of the party delayed in performing work or doing acts ("Permitted Delay"), such party shall be excused for the period of time equivalent to the delay caused by such Permitted Delay. Notwithstanding the foregoing, any extension of time for a Permitted Delay shall be conditioned upon the party seeking an extension of time delivery written notice of such Permitted Delay to the other party within (10) days of the event causing the delay.

CITY OF DUBLIN
P. O. BOX 690
DUBLIN, GA 31040

NO BID RESPONSE

IF FOR SOME REASON YOU ARE NOT BIDDING ON THIS PROPOSAL, PLEASE COMPLETE THE FOLLOWING AND RETURN TO THE ADDRESS BELOW BEFORE THE BID DEADLINE STATED ON THE ORIGINAL SCHEDULE.

REASON(S) FOR NO BID:

- CANNOT SUPPLY AT THIS TIME
- ENGAGED IN OTHER WORK
- QUANTITY TOO SMALL
- JOB TOO LARGE
- CANNOT MEET REQUIRED DELIVERY
- OPENING DATE DOES NOT ALLOW SUFFICIENT TIME TO PREPARE BID
- EQUIVALENT NOT PRESENTLY AVAILABLE

OTHER REASON OR REMARKS:

COMPANY OR FIRM NAME

SIGNATURE

TITLE

DATE

RETURN TO: CITY OF DUBLIN
PURCHASING DEPT.
PO BOX 690
DUBLIN, GA 31040



NON-COLLUSION AFFIDAVIT

The following affidavit is to accompany the bid:

STATE OF _____

COUNTY OF _____

Owner, Partner or Officer of Firm

Company Name, Address, City and State

being of lawful age, being first duly sworn, on oath says that he/she is the agent authorized by the bidder to submit the attached bid. Affiant further states as bidder, that they have not been a party to any collusion among bidders in restraint of competition by agreement to bid at a fixed price or to refrain from bidding. Affiant also states as bidder, that they have not been a party to any collusion with any officer of the City of Dublin or any of their employees as to quantity, quality or price in the prospective contract; and that discussions have not taken place between bidders and any office of the City of Dublin or any of their employees concerning exchange of money or other things of value for special consideration in submitting a sealed bid for:

Firm Name

Signature

Title

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public



**City of Dublin, Georgia
CONTRACTOR AFFIDAVIT AND AGREEMENT**

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with the City of Dublin has registered with and is participating in a Federal Work Authorization Program* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA) P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract the City of Dublin, contractor will secure from such contractor(s) similar verification of compliance with O.C.G.A. 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the City of Dublin at the time the subcontractor(s) is retained to provide the service.

EEV/ Basic Pilot Program* User Identification Number

BY: Authorized Officer or Agent

Date

Title of Authorized Office or Agent

SUBSCRIBED AND SWORN BEFORE ME ON THIS _____ DAY OF _____ 20 _____

Notary Public
My Commission Expires: _____

*As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV/Basic Rule Pilot Program" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA)



City of Dublin, Georgia
SUBCONTRACTOR AFFIDAVIT AND AGREEMENT

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with the City of Dublin has registered with and is participating in a federal work authorization program* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA) P.L. 99-603), in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91

EEV/ Basic Pilot Program* User Identification Number

Date _____

BY: Authorized Officer or Agent
(Subcontractor Name)

Title of Authorized Office or Agent of Subcontractor

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE _____ DAY OF _____ 20_____

Notary Public: _____

My Commission Expires: _____

*As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV/Basic Rule Pilot Program" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA)



**SAVE COMPLIANCE AFFIDAVIT
O.C.G.A § 50-36-1(e) (2) Affidavit**

By executing this affidavit under oath, as an applicant for Contract or Services, as referenced O.C.G.A. C. § 50-36-1, from the City of Dublin, Georgia, the undersigned applicant verifies one of the following with respect to my application for a public benefit:

- 1) _____ I am a United State citizen.
- 2) _____ I am a legal permanent resident of the United States
- 3) _____ I am a qualified alien or non-immigrant under the Federal Immigration and Nationality Act with an alien number issued by the Department of Homeland Security or other federal immigration agency. My alien number issued by the Department of Homeland Security or other federal immigration agency is: _____.

The undersigned applicant also hereby verifies that he or she is 18 years of age or older and has provided at least one secure and verifiable document, as required by O.C.G.A. § 50-36-1(e) (1), with this affidavit. The secure and verifiable document provided with this affidavit can best be classified as:

_____.

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of O.C.G.A. § 16-10-20, and face criminal penalties as allowed by such criminal statute.

Executed in _____ (city), _____ (state).

Signature of Applicant

Printed Name of Applicant

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE

_____ DAY OF _____, 20_____

NOTARY PUBLIC

My Commission Expires:

**CITY OF DUBLIN
 SPECIFICATIONS FOR A 2024-2025 FRONT-LOADER REFUSE COLLECTION GARBAGE
 TRUCK
 BID #24-11-002
 Item # 1**

It is the intent of these specifications to describe a current 2024-2025 Front-Loader Refuse Collection Garbage Truck for the Solid Waste Department. These specifications describe and state minimum requirements of this vehicle. Bids submitted on vehicles not meeting these minimum requirements will be subject to rejection.

The following are intended as guidelines, all equivalent or comparable units will be considered. Any exceptions taken must be explained in written detail on bidder's letterhead and attached to the bid submitted. Bidder must attach a copy of the factory warranty with the bid. Bidders shall indicate compliance or specify what they are offering in the following blanks under "COMPLY/SPECIFY".

YEAR: _____ MAKE: _____ MODEL: _____

CLOSEST PARTS & SERVICE CENTER: _____

<u>GENERAL</u>	COMPLY/SPECIFY
<ul style="list-style-type: none"> • 65,000 GVWR minimum factory certified 	_____
<ul style="list-style-type: none"> • Wheelbase to comply with body length 	_____
<ul style="list-style-type: none"> • All construction and items suitable for on/off highway use. 	_____
<ul style="list-style-type: none"> • Front Engine Power Take-Off (FEPTO) Systems factory installed 	_____
<ul style="list-style-type: none"> • One set of maintenance and service manuals and assembly line sheet for our Automotive Shop and one operator's manual for our Solid Waste Department 	_____
<ul style="list-style-type: none"> • Keyed alike, 4 per vehicle, power locks 	_____
 <u>FRAME</u>	
<ul style="list-style-type: none"> • Frame to be steel with steel crossmembers. 	_____
<ul style="list-style-type: none"> • RBM 3,000,000-inch pounds per rail minimum 	_____
<ul style="list-style-type: none"> • Front mount PTO provisions 	_____
<ul style="list-style-type: none"> • Skid plate mount under bumper and radiator 	_____

ENGINE

- Diesel- Minimum 345 HP, 1100 ft-lb, 2022 Emissions Compliant
- Maximum torque limited by Allison Automatic to 1460 ft. lb.
- Engine & Transmission protection system: Warning light & buzzer for low oil pressure, high coolant temperature, & high transmission temperature.

TRANSMISSION

- Allison 4500 RDS
- TRANSYND Synthetic lubricant for Allison auto
- Coated drive shaft splines

FRONT AXLE

- Front axle to be 20,000 lb., minimum.
- Tapered leaf spring with shock absorbers.
- Integral power steering.
- Oil lubricated wheel bearings.
- Outboard mounted brake drums.
- Two hub piloted steel wheels
- Two 315/80R22.5 – 20 ply tires

REAR AXLE

- Rear axle to be 45,000 lb., minimum.
- Driver controlled air operated power divider lockout with pressure lube system.
- Outboard mounted brake drums.
- Eight hub piloted steel wheels
- Eight 11R22.5 – 16 ply tires

BRAKE SYSTEM/AIR SYSTEM

- Full air with Bendix anti-lock brake system.
- “ES” Extended Service Refuse Brake- front & rear
- Auto slack adjusters front and rear.
- Dust shields front and rear
- Compressor – 18.7 cu. ft.
- Heated air dryer with automatic water ejector and spin on filter.
- Steel air tanks
- Pull cord drain valves on all air tanks
- Low pressure warning light and buzzer
- Air brake parking valve handle, located convenient to operator.

AIR CLEANER

- Dry dual element/dual stage.
- Air restriction indicator.
- Aluminum piping throughout.

EXHAUST SYSTEM

- Single vertical exhaust.
- Stainless steel flex tubing.
- Heat shield on turbocharger and muffler.

FUEL SYSTEM

- 100-gallon minimum capacity
- Steel braided fuel lines. Fire resistant hose.
- Fuel water separator.

COOLING SYSTEM

- Coolant protection to -34 degrees Fahrenheit.

- Hole in radiator for PTO performed by radiator manufacturer. _____
- Radiator core protected with steel tubular shield providing sufficient clearance and protection from the front PTO. _____
- Silicone radiator hoses with constant torque clamps. _____

ALUMINUM CAB

- Low Tilt cab forward w electric/hydraulic lift. _____
- Cloth air ride drivers & passenger seat. _____
- Shoulder harness for both driver and passenger _____
- Air horn _____
- Air conditioning and heating, factory installed _____
- Steel front bumper _____
- Each side to have West Coast Style mirrors; heated stainless steel, electric adjust with 8" convex mirrors. _____
- Front Fenders _____
- AM/FM weather band radio _____
- 5lb fire extinguisher and triangle reflector kit. _____
- Full set of gauges. _____
- 18-inch step height each side with grab handle. _____
- Windshield wipers with intermittent feature. _____
- Insulated headliner, lighter, interior light, vinyl floor covering. _____
- Front mount tow hooks and pin. _____
- Front and rear window to have safety tinted glass. _____
- Auxiliary radio terminals and antenna leads _____
- Front cab guard ladder, factory installed _____
- LH steering only _____

ELECTRICAL

- 12-volt electrical system, 130-amp alternator, minimum 1950 CCA batteries. Battery disconnect switch. Battery jumper terminals. _____

- Electric & Heated side mirrors _____

- Body builder wiring harness _____

- Engine shutdown for low oil pressure, high coolant temperature, low coolant level. _____

- Automatic reset circuit breakers, insulated wiring harnesses and braided covering, numbered and color-coded circuits. _____

- Headlights turn signals and marker lights. _____

COLOR

- Finish color:
 - Cab: White _____
 - Frame: Black _____
 - Chassis Cab Color code _____

- Cab interior: Grey _____

DELIVERY TIME TO BODY COMPANY: _____

Nearest Parts and Service Center: _____

SPECIFICATIONS FOR FRONT LOADER

SCOPE: It is the intent of this specification to describe a hydraulically actuated packer body of the front-loading type with the following minimum specifications considered necessary to perform the work assigned. The body shall be capable of compacting and transporting refuse to a landfill or transfer station and dispensing the load by means of hydraulic ejection. Must be capable of unloading 4, 6, and 8 cubic yard containers. The body shall not be required to be tilted, lifted, or otherwise displaced from the chassis in order to eject the load.

GENERAL: All equipment furnished under this contract shall be new and unused, and the same as the manufacturers current production model. Accessories not specifically mentioned, but necessary to furnish a complete unit ready for use shall also be included. The equipment furnished shall conform to all ANSI Safety Standards A245.1-1984. Please provide supporting literature with the bid.

BID SPECIFICATIONS Bidder Shall Complete the Following

COMPLY/SPECIFY

GENERAL

- Body and hopper shall have minimum capacity of 40 cubic yards. _____
- Dimensions:
 - Maximum overall width not to exceed 105". _____
 - Maximum overall height above chassis frame not to exceed 120". _____
- Body weight- exclusive of options- shall not exceed 17,500 pounds. _____

BODY CONSTRUCTION

- Side panels shall be one sheet formed to a radius. Multiple panels and square body styles are NOT acceptable. _____
- Body Sides: 1/8" AR450 Steel; 115,000 PSI. _____
- Body Roof: 10 GA 80,000PSI Hi-Tensile steel. _____
- Body Floor: 1/4" 100K Hi-Tensile steel. _____
- A single 2" x 2" structural tube shall reinforce the roof at the center line, connecting the front and rear bracing. _____
- A 3" x 2" x 3/16" structural tube shall reinforce the body at the front and rear. The tube shall be formed to the radius of the body. _____
- The floor longitudinal shall be 2" x 6" x 1/4" structural tube. _____
- The floor crossmembers shall be 4" 5.4# C channel on 16" centers. _____
- Body side ladder to provide roof access shall be mounted curbside. _____

HOPPER

- The hopper to have a minimum capacity of 12 cubic yards _____
- Hopper floor to be constructed of 1/4" AR450 Steel & 3/16" AR450 liner. _____
- Hopper sides to be constructed of 3/16" AR450 steel _____
- Lower hopper sides shall be formed to a radius for added strength. Straight hopper sides are not acceptable. _____
- Hopper upper sides to be constructed of 3/16" AR450 Hi-Tensile Steel. _____
- The hopper front to be enclosed with expanded metal for viewing behind the packer blade and to prevent trash from blowing out. _____
- The hopper shall be lined with six 1/4" AR450 wear strips to match the wear strips on the packer blade. Plow wear strips are not acceptable. Chromium overlay-SuperTrack wear strip shall be included on hopper bottom track. _____
- There shall be a hydraulic sliding hopper cover constructed of 14-gauge A569 Hi-Tensile steel and reinforced with 1" x 2" steel tube. _____
- The hopper cover shall be powered by one 2-1/2" x 92" double acting hydraulic cylinder. _____
- The hopper cover shall open automatically when raising lift arms. _____
- There shall be a SPDT electrical switch in the cab to manually close the hopper cover. _____
- There shall be a 28" x 12" sump clean out doors located on both sides of the front of the body. It shall be located so to have access from the ground and without the need to physically enter the hopper. Minimum capacity of 50 gallons. _____
- There shall be a side access door with a lock out and shall be a minimum of 30" x 30". _____

PACKING MECHANISM

- Packer plate to be constructed of 3/16" AR450 Steel. Lower face to include a 3/16" AR450 liner Construction Grade. _____
- The packing panel shall slide in a tract constructed of 1/4" T-1 formed channel and lined on all three sides with AR450 wear strips. _____
- The packing panel to be activated by two stroke four stage telescopic hydraulic cylinders with a U-cup seal design and rod scrapers. _____

- Bottom Cylinder to be minimum 12" off the floor to avoid contamination. _____
- The packing panel to be 79" High x 84" Wide with adjustable side scraper wings and shall include 3 horizontal cross braces. _____
- The packing panel to exert a minimum of 133,000 pounds of packing force throughout the pack cycle. _____
- The panel to have a pack cycle of 25 seconds or less. _____
- The pack cycle shall be controlled with proximity sensors. _____

TAILGATE

- The tailgate to be top hinged and of the bustle type. _____
- Tailgate to be constructed of 1/8" AR450 steel _____
- Tailgate side sheets to be constructed of 10ga 80,000 PSI Hi-Tensile steel. _____
- The tailgate shall be secured to the body using one set of hinges with 1-1/2" hinge pins at the roof line. _____
- The tailgate shall be unlocked, opened, and closed by two double acting hydraulic cylinders. _____
- The tailgate shall have 4-point positive lock system without the need for turnbuckles. _____
- The tailgate to be equipped with a one-piece, replaceable rubber gasket, extending across the bottom width of the tailgate and vertically 36" up the sides. _____
- A warning light in and buzzer, shall be installed in the cab to indicate when the tailgate is open. _____

LIFTING ARMS

- The arms to be of fabricated tube. (Multiple pieces welded flat bar is unacceptable) The arm is also reinforced of 3" x 3/8" 100K upper and lower continuous flat bar. The arms to also be covered with 3/16" AR450 steel plates. _____
- The lift arms shall have a 10,000-pound lift capacity. _____
- The arm shall provide a progressive slow stop before coming into contact with rubber arm stops by use of the proportional control valve. _____
- The lift arms and fork cycle time shall not be more than 15 seconds. _____
- The lift arms shall be powered by two 5" x 36" double acting cylinders. _____

- The arm pivot shaft to be constructed of 4-1/2" O.D. x 1/2" wall Drawn Over Mandrel (DOM) tubing. _____
- The pivot bushings to have at least 4 split type bronze bushings. _____
- The forks shall be constructed of 1-1/2" 100,000 PSI steel 58" long and tapered at the end. _____
- The forks at the dump position shall not exceed 13' 6" above the ground. _____
- The fork rotation shall be accomplished by two 4" double acting hydraulic cylinders, 24" stroke with minimum 2" rod. _____
- The fork pivot shaft shall be constructed of 4 1/2" O.D. x 1/2" wall DOM tube. _____
- The fork bushings shall be of the split bronze type bolted to the arms with four 3/4" grade 5 bolts on each side. _____
- There shall be Ultra High Molecular Weight (UHMW) arm scuff plates mounted to the upper hopper sides. _____
- The forks shall have a limiter to retain can on forks during dumping. _____
- Manual fork limiter to ensure unit cannot be manually over ridden by operator. _____

CONTROLS

- The operating controls shall be located in the cab easily accessible to the driver. _____
- The fork and arm function shall be controlled by an air joystick. _____
- The controller shall communicate with the hydraulic valve air shifters in a metering function to provide better control in the loading process. _____
- The controller shall communicate with the hydraulic vale air shifters in a metering function to provide better control in the loading process. _____
- The packer, hopper cover, and rear door operations shall be controlled by Single Pole, Double Throw (SPDT) electrical switches. _____
- The rear door shall not operate without depressing a safety switch in conjunction with the tailgate rocker switch to prevent accidental opening of the rear door. _____
- The arm control shall have an interlock to prevent dumping behind the packer blade. _____

HYDRAULICS

- Hydraulic reservoir shall be supplied with a minimum capacity of 70 gallons and equipped with a fluid sight gauge, air breather filter, magnetic trap, and a gate valve on the suction line. _____
- The reservoir shall have a 100-mesh suction strainer and equipped with a built in 3 PSI bypass for pump protection. An in-cab filter by-pass indicator shall be included. _____
- The body shall be powered by a front mounted Denison Vane pump or equivalent. _____
- All hydraulic functions shall be controlled by a sectional air operated hydraulic valve, commercial VA-35 or equivalent. _____
- All hydraulic hoses shall be SAE approved construction with hose burst pressure 4 times working pressure. Where possible seamless steel tubing with zinc coating shall be used and held in place with shock absorbing bolt on clamps. _____
- All hose ends, tubing and adapters shall have JIC 37 degree flare fittings. _____
- Normal maximum operating pressures shall not exceed 2450 PSI. _____
- The hydraulic system shall incorporate a relief valve to protect all components from excess pressures. _____
- All cylinder rods shall be chrome plated except the packing cylinders which will have thermal chemical process with ONC. _____
- All cylinder rod end pin lugs shall be inertia welded to the cylinder rods. _____
- Automatic Packer – The hydraulic system shall include automatic pack function to allow a continuous pack cycle. The auto pack function shall include a pack start button, a red “stop” button, a neutral safety to disallow the throttle to accelerate if the transmission is in gear, and a lockout provided on the hopper access door. The packer shall automatically accelerate at 1,600 RPM when truck is in neutral. _____
- Service Hoist – The body shall be equipped with a self-contained 12 Volts Direct Current (VDC) motor and pump and separate cylinder to lift the body for service and access to transmission. _____
- The body shall also be equipped with safety prop rod to prevent body from falling if cylinders should fail. _____

ELECTRICAL

- All wiring shall be loomed or in conduit. _____
- Body lighting and reflectors must comply with FMVSS#108 regulations. _____
- All lights to be grommet mounted except work lights and license plate lights. _____
- All lights must be LED. _____
- The body shall be equipped with an external audio back-up alarm activated when chassis is in reverse. _____
- A light shall illuminate in the cab when the tailgate is open and audible alarm will sound when the tailgate is open. _____
- A triple camera shall be installed with a 7” color LCD monitor for viewing rear of body and 2 for the hopper. _____
- Work Lights: The lights shall be capable of illuminating the hopper. The lights will be activated by a switch in the cab of the chassis. All LED, No Halogen Accepted. _____
- LED Mid Body & Tailgate Flood Lamps: One light per side that shall be capable of illuminating toward the rear of the body and two on the tailgate. Reverse activated. _____
- Strobe Lights: LED Smart Strobe System is to be installed on the rear of the body, two in the upper and two in the lower light bars. The strobe system shall be activated by a switch located inside the cab of the chassis. _____

OTHER OPTIONS TO BE INCLUDED:

- Steel canopy with air assist raise function. Control switch shall be mounted in the cab. _____
- Remote grease lines at ground level for tailgate hinges and tailgate cylinders. _____
- Tailgate seal extension – additional 15” on each side. _____
- Broom & shovel Rack located on backside of front bulkhead. _____

PAINT

- The body shall be properly cleaned of all dirt, oil, and welding slag. A lead-free primer with rust inhibitors shall be applied. _____
- Three coats of the manufacturers standard auto enamel shall be applied. _____

- Finish color:
 - A. Body: Forest Green or equivalent _____
 - B. Tailgate: Forest Green or equivalent _____

MOUNTING

- Body shall be factory mounted only. No welding shall be preformed on the chassis frame in the mounting process. _____
- Anti-sail mud flaps front and rear of tandems. _____

WARRANTY

- Body: Manufacturer’s limited warranty shall apply for a period of one year after date of acceptance to the unit. _____
- Cylinders – 2 years _____
- Alternator – 3 years _____

DELIVERY TIME TO BODY COMPANY: _____

Nearest Parts and Service Center: _____

