



**Request for Proposal
Dual Auto Side Load Refuse Truck**

December 15, 2023

City of Fargo Request for Proposal

The City of Fargo is requesting proposals for (1) one Dual Auto Side Load Refuse Truck. Sealed proposals will be received by the City of Fargo Auditor's Office at 225 4th Street North, Fargo, ND 58102, for the purpose of evaluating costs and operating parameters on (1) one Dual Auto Side Load Refuse Truck. Upon completion of the evaluation by the selection committee an order may be placed. Proposals must be uploaded to fargond.bonfirehub.com/ or submitted to the City of Fargo Auditor's office at 225 4th Street North, Fargo, ND 58102. **Proposals will be received until 12:00 PM on December 15, 2023.**

Need Help?

Please contact Bonfire at Support@GoBonfire.com for technical questions related to your submission.

CITY OF FARGO RIGHTS

The City reserves the right to cancel this RFP in writing or postpone the date and time for submitting proposals at any time prior to the proposal due date. The City, by this RFP, does not promise to accept the lowest cost or any other proposal and specifically reserves the right to reject any or all proposals, to waive any formal proposal requirements, to investigate the qualifications and experience of any Proposer, to reject any provisions in any proposal, to modify RFP contents, to obtain new proposals, to negotiate the requested services and contract terms with any Proposer, or to proceed to do the work otherwise.

The City hereby notifies all proposers that it will affirmatively insure that in regard to any contract entered into, pursuant to this request, minority business enterprises will be afforded full opportunity and are encouraged to submit proposals in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award. The City reserves the right to accept or reject any and all proposals that are in the best interest of the City. All questions and inquiries will be addressed to:

Equipment Specifications:

Tom Ganje
Fleet Purchasing Manager
402 23 St N
Fargo, ND 58102
Phone (701) 241-1460
E-Mail: Tganje@FargoND.gov

David Rheault
Solid Waste Route Supervisor
2301 8 Ave N
Fargo, ND 58102
(701) 241-1497
Drheault@FargoND.gov

GENERAL SPECIFICATION

MODEL: Unit shall be a new current year model.

WARRANTY: Shall be stated in **writing** on the form provided.

DELIVERY: Proposer must perform a complete pre-delivery service prior to delivery of equipment. All units are F.O.B., Fargo Central Garage.

Proposer must state the number of days for delivery from time of order.

MANUALS: One (1) complete service manual, flash drive or printed
One (1) complete parts manual, flash drive or printed
One (1) operator's manuals.
One (1) training video (if available)
One (1) complete service filter part number list

TRAINING: Upon delivery to end-user Proposer will provide instruction to operators on proper operation and daily maintenance.

PROPOSER: There shall be \$500,000.00 minimum of product liability coverage by the manufacturer and minimum of \$500,000.00 liability coverage by the product installers to protect the City of Fargo. Certification shall be provided with proposal.

Preference may be given to Proposer who has a local dealer with a reasonable amount of parts inventory for the unit that has been proposed and a complete service facility. On new models or equipment not previously purchased by the City of Fargo, the selection committee may elect to have a demonstration of the models being considered.

Dual Auto Side Load Refuse Truck Proposal Specifications

1.0 INTENT

It is the intent of this specification to provide for the purchase of (1) one new and unused Dual Auto Side Load Refuse Trucks to be used by the City of Fargo.

The City of Fargo has evaluated different styles of Dual Auto Side Load Refuse Trucks and has determined that this published specification is best suited for the City of Fargo's needs in terms of quality and features. This specification shall not be interpreted as restrictive but rather as a measure of quality and performance against which all other Dual Auto Side Load Refuse Trucks will be compared.

In comparing proposals, comparison will not be confined to price only. The successful proposer will be one whose product is judged as best serving the interests of the City of Fargo when price, product, quality and delivery are considered. The City of Fargo also reserves the right to reject any or all proposals or any part thereof, and to waive any minor technicalities. A contract will be awarded to the proposer submitting the lowest responsible proposal meeting the requirements.

2.0 EQUIVALENT PRODUCT

Proposals will be accepted for consideration on any make or model that is equal or superior to the Dual Auto Side Load Refuse Truck specified. Decisions of equivalency will be at the sole interpretation of the City of Fargo. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence. An original manufacturer's brochure of the proposed product is to be submitted with proposal.

3.0 INTERPRETATIONS

In order to be fair to all proposers, no oral interpretations will be given to any proposer, as to the meaning of the specification documents or any part thereof. Every request for such a consideration shall be made in writing. Based on such inquiry, the City of Fargo may choose to issue an addendum in accordance with local state laws.

4.0 GENERAL

The specification herein states the minimum requirements of the City of Fargo. All proposals must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The City of Fargo will consider as irregular or non-responsive any and all proposals that are not prepared and submitted in accordance with the proposal document and specification, or any proposal lacking sufficient technical literature to enable the City of Fargo to make a reasonable determination of compliance to the specification. It shall be the Proposer's responsibility to carefully examine each item of the specification. Failure to offer a completed proposal or failure to respond to each section of the technical specification (COMPLY: YES NO) will cause the proposal to be rejected without review as non-responsive. All variances, exceptions and/or deviations shall be fully described in the appropriate section. Deceit in responding to the specification will be cause for rejection.

5.0 Specifications

YES

NO

5.1 General

1. Successful proposer shall supply a complete unit (truck and refuse body) equipped with at least a 27 yd³ capacity with a 4 yd³ Tailgate, left and right side loading. Automated lift arm shall be capable of lifting ANSI approved container ranging from 32 to 96 gallons.

2. The automated arms and packer shall be operated from inside the cab on the left hand side. The cab will be acceptable if it is left hand steer only.

3. The left and right side automated arm units shall also have auxiliary controls to be operated from the ground level outside the cab.

5.2 Safety and Compliance

1. Refuse body shall meet OSHA regulations with proper shielding and visible warning labels.

2. Complete unit shall meet all applicable standards and regulations in effect at the time of manufacture.

5.3 Cab and Chassis

1. The chassis frame shall be conventional chassis design.

2. Cab shall have an LH cloth air ride seat with armrest.

3. Cab shall have air conditioning and high output heater.

4. Cab shall have remote, electrically adjustable, heated mirrors with extra convex mirrors for additional visibility.

	<u>YES</u>	<u>NO</u>
5. Frame shall have front and rear tow hooks.	_____	_____
6. Instrument panel shall have full instrumentation including hour meter, transmission temperature and air filter restriction gauge.	_____	_____
7. Power windows, power locks, cruise control and AM/FM Bluetooth radio.	_____	_____
8. Power supply and ground shall be provided for the installation of a two-way radio.	_____	_____
9. A 9" HD monitor with color camera monitoring system with cameras monitoring the (2) two automated arms, hopper, and rear of truck.	_____	_____
10. Proposer shall work with chassis manufacture(s) to insure proper chassis specifications are complete.	_____	_____
11. Cab shall have tilt steering column with an 18" maximum steering wheel diameter.	_____	_____

5.4 Engine

1. Diesel engine shall be a wet sleeve design.	_____	_____
2. Engine shall be a minimum of 360 HP with 1150ft lbs. of torque.	_____	_____
3. Engine shall have a 120v block heater.	_____	_____
4. All coolant hoses must be silicone.	_____	_____

YES

NO

- 5. Clutched radiator fan.

5.5 Transmission

- 1. Allison 6 speed RDS transmission, auto neutral function.

- 2. Heavy duty oil cooler.

- 3. Synthetic Fluid.

5.6 Differential

- 1. Minimum capacity of 46,000 lb. with synthetic gear lube.

5.7 Suspension, Tires, and Wheels

- 1. Suspension system shall be 46,000 lb Hendrickson HMX or approved equal.

- 2. 20,000 lb. Front axle with 425/65R22.5, steel wheels.

5.8 Refuse Body

- 1. Refuse body shall be curved shell design capable of retaining liquid to thirty inches.

- 2. All major wear items shall be made out of high abrasion resistant steel with a Brinell rating of 400 and tensile strength of 180,000 psi. This shall include such items as floor, guides, rollers, slides, channels, or any other component that will receive high wear.

	<u>YES</u>	<u>NO</u>
3. Floor shall be ¼" thick.	_____	_____
4. Refuse body shall have a minimum capacity of 27 yd ³ and a 4 yd ³ curved tailgate.	_____	_____
5. Work lights for both the hopper area and picking area for automated arm.	_____	_____
6. Hopper shall have broom and shovel brackets preferably on the inside of a compartment door.	_____	_____
7. Hydraulically controlled tailgate and latches operated from inside the cab by a protected switch.	_____	_____
8. Body shall tip to dump to unload material.	_____	_____
9. Lift arm restraint to prevent arm movement when in transit.	_____	_____
10. Body and chassis shall be white in color.	_____	_____
11. Spill shield.	_____	_____
12. Regeneration valve.	_____	_____

5.9 Controls

1. Joystick control inside the cab for automated arm system.	_____	_____
2. Pack on the go if available.	_____	_____

	<u>YES</u>	<u>NO</u>
3. Operator shall have the ability to feather the control lever to vary the speed of the arm.	_____	_____
4. Operation of arm, after gripping container, will dump and return the container to the original location.	_____	_____
5. Long reach 12' arm option.	_____	_____
6. Cycle counter shall be included.	_____	_____

5.10 Hydraulic System

1. Hydraulic system shall have low level warning indicators, visual and audible.	_____	_____
2. Hydraulic tank shall have a capacity of 40 gallons with in tank coolant heater.	_____	_____
3. All hydraulic system controls shall be electric over hydraulic.	_____	_____
4. Unit shall have the ability to work at idle.	_____	_____
5. Hydraulic system shall have a suction strainer of 140 microns and return filter with a 10 micron rating.	_____	_____
6. The return filter shall have an audible and visual filter bypass monitor, which shall alert the operator when the filter is in by-pass.	_____	_____

YES

NO

7. A hydraulic pump shut down system shall also be included which shall prohibit prolonged operation of hydraulics when return filter is in by-pass mode.

5.11 Lighting and Electrical

1. All lighting except headlight shall use LED if available.

2. Flashing warning system shall use signal lights and automatically switch to signals when turn signal is activated.

3. All electrical connections to be soldered and weatherproof.

4. Peterson Smart Light system or approved equal.

5. Electronic back-up alarm.

6. Shall have remote start jumper studs and master cut-off switch.

5.12 Air System

1. Air dryer shall be a Bendix AD-IP or approved equal.

2. Air tank shall have a heated drain valve, DV-2 or equal.

YES

NO

5.13 Maintenance

- 1. All system components are easily accessible and suitable for maintenance and repair with common hand tools. Grease fittings shall be incorporated into banks that are accessible from the standing position on the ground.
- 2. One operator and one parts manual from both the chassis and refuse body manufacture.
- 3. One complete repair manual including electrical schematics for the refuse body and all subcomponents.

5.14 Weight Restrictions

- 1. Vehicle must comply with the City of Fargo weight restrictions. The specifications are listed on www.fargotruckroutes.com.

5.15 Warranty

- 1. One year all-inclusive warranty on chassis.
- 2. One year all-inclusive warranty on refuse body.
- 3. Please provide warranty details on the form provided.

5.16 Accessories

- 1. Fire extinguisher and triangles.
- 2. Rear fenders that cover both axles, front and rear mud flaps with anti-sale brackets.
- 3. One complete manual: including any and all serial numbers for major chassis components including filter numbers.

Exceptions & Deviations

Proposer shall fully describe every variance exception and/or deviation. List the item number here and fully explain any items in non-compliance with specification. Additional sheets may be used if required.

Trade In

- Unit 198, 1994 Volvo WG64 Rear Packer - *(Estimated Hours 21,394)*
Serial Number - 4V2JCBHD1RR831995

Warranty

Please fill out all applicable lines. "See Enclosed" is not acceptable

Base Manufacture _____

Hydraulics

Other Warranties that apply:

Proposal Sheet
2024 Dual Auto Side Load Refuse Truck's
City of Fargo – Division of Solid Waste

Company Name: _____

Packer Make: _____ Model: _____

Chassis Make: _____ Model: _____

Dual Auto Side Load Refuse Truck Price. \$ _____

TRADE-IN VALUE:

Unit 198, 1994 Volvo WG64 Rear Packer - *(Estimated Hours 21394)*
Serial Number - 4V2JCBHD1RR831995

\$ _____
(City reserves right to accept/reject trade value)

One (1) Dual Auto Side Load Refuse Truck with Trade in Price:

\$ _____

Delivery Date

Chassis build slot Date: _____

Body build timeline from Chassis delivery: _____

Date of Delivery: _____ / _____ / 2024

Name Signature

Title

Date Phone