



**Request for Proposal  
Rear Load Refuse Body  
OCTOBER 11<sup>th</sup>, 2021**

# City of Fargo Request for Proposal

The City of Fargo is requesting proposals for one (1) Rear Load Refuse Body. Sealed proposals will be received by the City of Fargo Auditor's Office at 225 4<sup>th</sup> Street North, Fargo, ND 58102, for the purpose of evaluating costs and operating parameters on a Hook Hoist Refuse Body. Upon completion of the evaluation by the selection committee an order may be placed. Proposals will be received until **2:00 P.M. Central Standard Time on Monday, October 11<sup>th</sup>, 2021.**

## **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 is in the best interest of the City. All questions and inquiries will be addressed to:

### Equipment Specifications:

Tanner Smedshammer  
Fleet Management Specialist  
Public Works Department  
402 23<sup>rd</sup> St. N  
Fargo, ND 58102

E-mail: [Tanner.Smedshammer@FargoND.gov](mailto:Tanner.Smedshammer@FargoND.gov)  
Phone: (701) 241-1460  
Fax: (701) 298-6971

### Operational Questions:

Dave Rheault  
Solid Waste Route Supervisor  
Solid Waste Department  
2301 8<sup>th</sup> Ave N  
Fargo, ND 58102

[drheault@FargoND.gov](mailto:drheault@FargoND.gov)  
(701) 241-1497  
(701) 282-6077

## GENERAL SPECIFICATION

**MODEL:** Unit shall be a new, current year model Rear Load Refuse Body.

**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. If the delivery date is not met, a \$150.00 per day may be accessed against the purchase price with the total not to exceed 2.5% of purchase price.**

**TRAINING** Upon delivery to end-user the proposer will provide instruction to operators on proper operation and daily maintenance.

Training on repair procedures shall be provided by a factory qualified representative to the applicable city repair technician(s). A list of training courses shall be presented at the time of the RFP. The topic of training will be discussed and approved by the City of Fargo Staff. Onsite training (if applicable) at the City of Fargo Central Garage should be scheduled at time of order.

**Proposer** The proposer shall provide a certification of liability coverage with the proposal. The policy shall have a minimum general liability limit of \$500,000 with the City of Fargo listed as certificate holder.

**A detailed specification must be included by the proposer when responding to the RFP. The RFP will not be accepted if this criterion is not met.**

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.

# **Rear Load Refuse Body Bidding Specifications**

## **1.0 INTENT**

It is the intent of this specification to provide for the purchase of one (1) Rear Load Refuse Body to be used by the Solid Waste Department.

The City of Fargo Solid Waste Department has evaluated different styles of Rear Load Refuse Bodies and has determined that this published specification is best suited for the SWD 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 Rear Load Refuse Bodies 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 SWD when price, product, quality and delivery are considered. The SWD 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 Rear Load Refuse Body specified. Decisions of equivalency will be at the sole interpretation of the SWD. 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 SWD may choose to issue an Addendum in accordance with local state laws.

## **4.0 GENERAL**

The specification herein states the minimum requirements of the SWD. All proposals must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The SWD 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 SWD 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. Refuse body to be a minimum 25 Cubic Yards exclusive of the hopper.                                   | _____ | _____ |
| 2. Packer body capable of packing 1,000 pounds per cubic yard based on average household waste.          | _____ | _____ |
| 3. Packer body shall meet all applicable standards and regulations in effect at the time of manufacture. | _____ | _____ |
| 4. CT will be determined after a weight study is provided by the awarded vendor / manufacture.           | _____ | _____ |
| 5. Aluminum fender shall be installed per manufactures recommendation.                                   | _____ | _____ |

**5.2 Body Construction**

- |   |       |       |
|---|-------|-------|
| 1. The roof and sides must be curved design. They must be comprised of steel of sufficient strength to withstand the pressures of compaction. | _____ | _____ |
| 2. The floor shall be a minimum thickness of 7 Gauge 100,000 PSI steel.   | _____ | _____ |
| 3. Body sides fully welded to floor skirt rails.  | _____ | _____ |
| 4. The body shall have a side access door with ladder attached if needed to facilitate entry into the body.                                   | _____ | _____ |

**5.3 Unloading System**

**Yes**

**No**

- 1. The use of an ejection plate utilizing a hydraulic telescoping cylinder is preferred. The ejection plate shall be constructed to withstand the pressures of unloading and packing. \_\_\_\_\_
- 2. The ejector plate must extend completely to eject the load without extending past the body. \_\_\_\_\_

**5.4 Tailgate**

- 1. The tailgate is to be hinged at the top of the body with greaseable pivots. The tailgate shall be hydraulically raised with a restricting system to prevent tailgate dropping uncontrollably in the event of a hydraulic leak. \_\_\_\_\_
- 2. Tailgate props shall be furnished for both sides. \_\_\_\_\_
- 3. Tailgate assembly shall be enclosed on the sides. If not, all shielding must be supplied to control and contain any liquid that splashes out the sides. Top shielding must also be included. Drainable spill troughs are acceptable. \_\_\_\_\_
- 4. A manually operated clamping system is to be used to secure tailgate. \_\_\_\_\_
- 5. A replaceable rubber seal must be used between the tailgate and the body. The seal must go a minimum of 21” up the body. \_\_\_\_\_
- 6. Riding steps and grab handles are to be provided on both sides of the end gate. \_\_\_\_\_
- 7. A warning light and alarm must be included to sense if tailgate is not fully closed. \_\_\_\_\_

- |   | <u>Yes</u> | <u>No</u> |
|---|------------|-----------|
| 8. The control lever to raise end gate must be located towards the front of the body. | _____      | _____     |
| 9. Hydraulic operated kick bar.   | _____      | _____     |

**5.5 Hopper and Packer Plate**

- |   |       |       |
|---|-------|-------|
| 1. The hopper floor is to be 1/4 inch abrasion resistant steel.   | _____ | _____ |
| 2. The hopper sides are to be 1/4 inch abrasion resistant steel with heavy-duty bracing rated for heavy commercial use.   | _____ | _____ |
| 4. The hopper capacity shall be a minimum of 3.5 cubic yards.   | _____ | _____ |
| 5. The packer plate must be constructed to withstand the pressures of the packing process. The hopper and packer plate shall be designed for heavy-duty commercial use.   | _____ | _____ |
| 6. Cushioned hydraulic cylinders are required if needed for proper function and longevity of the packing system.  | _____ | _____ |
| 7. The hopper and packing plate must be designed to hook up to and pull material out of dumpsters maintaining a maximum clearance of 3/4" between the packer plate and the hopper floor.  | _____ | _____ |
| 8. When the packing mechanism reaches the interrupt position, the packer plate must stop approximately 16" above the loading sill to avoid a pinching action. The packing control handles must then be reactivated to complete the cycle. The packing control handles must be able to stop or reverse the packing mechanism at any position in the cycle. | _____ | _____ |

- |   | <u>Yes</u> | <u>No</u> |
|---|------------|-----------|
| 9. The packing system shall be protected from overload by a relief in the hydraulic system. | _____      | _____     |

**5.6 Hydraulic System**

- |  |       |       |
|--|-------|-------|
| 1. Unit shall have transmission mounted hot shift direct mount pump.   | _____ | _____ |
| 2. Hydraulic system shall have low-level warning indicators, both visual and audible.  | _____ | _____ |
| 3. Body or frame mounted hydraulic tank is acceptable.   | _____ | _____ |
| 4. Hydraulic system controls shall be manual or electric over hydraulic only. Air operated controls will only be considered if no other options are available. | _____ | _____ |
| 5. Unit shall have the ability to work at idle, preferred.   | _____ | _____ |
| 6. Hydraulic system shall have a suction strainer and return filter. State micron ratings. _____   | _____ | _____ |
| 7. The hydraulic cylinders shall be protected from contact with refuse and come with a minimum of one year warranty.   | _____ | _____ |

**5.7 Controls**

- |   |       |       |
|---|-------|-------|
| 1. The manually operated controls for the packing mechanism are to be located curbside at the rear of the tailgate. An automatic throttle advance must be provided. The dual lever controls must have the capability of stopping, starting, and reversing the packing mechanism. To avoid possible damage from rubbish, the dual lever control rods must be located outside the hopper. | _____ | _____ |
|---|-------|-------|



- |  | <u>Yes</u> | <u>No</u> |
|--|------------|-----------|
| 2. A push-button switch that activates a buzzer in the cab is to be provided on both sides of the tailgate to signal the driver.                             | _____      | _____     |
| 3. The tailgate lift and ejector controls, complete with a manually operated engine speed-up switch, are to be located at the left front corner of the body. | _____      | _____     |
| 4. Hydraulic Pump activation controls are to be mounted inside the cab.  | _____      | _____     |

### **5.8 Container Options**

- |   |       |       |
|---|-------|-------|
| 1. A hydraulic reeving cylinder controlling a steel cable shall be mounted to the roof of the body. The lifting capacity of this option shall be 12,000 pounds and be able to lift a 10 cubic yard container. | _____ | _____ |
| 2. Reeving cylinder assembly shall be enclosed, preferred.  | _____ | _____ |
| 3. A container lid deflector shall be added to aid the lid from catching when dumping.  | _____ | _____ |
| 4. An adjustable container stop bar, a cable roller and guide, camera guard, and light guard shall also be provided.  | _____ | _____ |
| 5. A manual lever control shall be mounted on the curbside.   | _____ | _____ |
| 6. Hydraulic trunnion bar locks preferred. List if not available.   | _____ | _____ |
| 7. Cart tipper shall be a Perkins model 6620 or approved equal. Location to be determined at time of sale.  | _____ | _____ |

**5.9 Camera**

**Yes**

**No**

- 1. A camera system shall be installed to monitor rear of refuse unit. The camera cable must have a connector just before the hinge area of the tailgate. \_\_\_\_\_
- 2. The monitor shall be a color LCD or LED type. \_\_\_\_\_

**5.10 Lighting**

- 1. Body lighting must comply with all current regulations. \_\_\_\_\_
- 2. An upper and lower set of LED lights on rear of unit is required. \_\_\_\_\_
- 3. All electrical connections are to be weatherproof connectors or soldered. \_\_\_\_\_
- 4. Lighting for hopper work area shall be provided by a rubber mounted light using a Par 36 LED bulb or approved equal. \_\_\_\_\_
- 5. Marker lights shall be LED. \_\_\_\_\_

**5.11 Maintenance**

- 1. Grease fittings shall be incorporated into banks that are accessible from the standing position on the ground floor, preferred. \_\_\_\_\_
- 2. One operator manual from the body manufacturer. \_\_\_\_\_
- 3. One complete parts manual; including any and all subcomponents for the complete unit. \_\_\_\_\_

- |  | <u>Yes</u> | <u>No</u> |
|--|------------|-----------|
| 4. One complete repair manual including maintenance procedures and maintenance schedules, repair procedures for major components and any and all subcomponents, trouble shooting information on the complete unit. | _____      | _____     |
| 5. Successful vendor shall provide proper software to program and troubleshoot any computer-controlled component of the refuse body if available.  | _____      | _____     |

**5.12 Safety**

- |   |       |       |
|---|-------|-------|
| 1. Refuse body shall meet all OSHA regulations with proper shielding and warning labels in place. | _____ | _____ |
| 2. Triangles, 20lb Fire extinguisher, and all other safety related items shall be included.       | _____ | _____ |

**5.13 Weight Regulations - OPTION**

- |  |       |       |
|--|-------|-------|
| 1. Steerable lift axle with single wheels and tires mounted in front of drive wheels. <i>Silent Drive U1013-FA or approved equal</i> | _____ | _____ |
|--|-------|-------|



**Warranty**

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

Base Manufacture \_\_\_\_\_



Hydraulics

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Other Warranties that apply:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**PROPOSAL FORM**

2022 Rear Load Refuse Body  
City of Fargo – Division of Solid Waste

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

Make: \_\_\_\_\_

Model: \_\_\_\_\_

**Total equipment price** \$ \_\_\_\_\_

Steerable Pusher Axle Option Price: \$ \_\_\_\_\_

**DELIVERY DATE**

Number of days for delivery from date of order: \_\_\_\_\_

By: \_\_\_\_\_  
(Name) (Signature)

\_\_\_\_\_  
(Title) (Date)