

Request for Proposal Two (2) Auto Side Load Refuse Truck December 20th, 2021

RFP Bidding Specifications

1.0 INTENT

It is the intent of this specification to provide for the purchase of two (2) new and unused Auto Side Load Refuse Truck to be used by the Fargo Solid Waste Department.

Sealed proposals will be received by the City of Fargo Auditor's Office at 225 4th Street until 2:00 PM on Monday, December 20th, 2021.

The City of Fargo Solid Waste Department has evaluated different styles of Auto Side Load Refuse Trucks, and has determined that this published specification is best suited for the Solid Waste Dept 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 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 Solid Waste Dept when price, product, quality and delivery are considered. The Solid Waste Dept 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 Auto Side Load Refuse Truck 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.

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 ensure 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 bids that is in the best interest of the City. All questions and inquiries will be addressed to:

Solid Waste Dept Operational Questions:

Dave Rheault Solid Waste Route Supervisor Solid Waste Department 4501 7th Avenue N Fargo, ND 58102

drheault@FargoND.gov

Phone: (701) 241-1455 Fax: (701) 282-6077 Tanner Smedshammer Fleet Management Specialist Central Garage 402 23rd St N Fargo, ND 58102

Tanner.Smedshammer@FargoND.gov

Phone: (701) 241-1460 Fax: (701) 298-6971

General Specification

Complete unit shall be a new 2022 model and shall include all standard equipment unless otherwise specified. On an attached sheet, bidder shall provide an explanation for all specification items without a "yes" response.

WARRANTY: Dealer will submit warranty on complete unit with bid

MANUALS: One (1) complete service manual, paperback or electronic

One (1) complete parts manual, paperback or electronic Three (3) operations manuals, paperback or electronic

DELIVERY: Bidder must perform a complete pre-delivery service prior to delivery

of equipment. All units are F.O.B., Fargo Public Works, 402 23rd St North,

Fargo, North Dakota

Proposer must state the number of days for delivery from time of order and a \$150.00 per day will be accessed against the purchase price with

the total not to exceed 2.5% of purchase price.

BIDDER QUALIFICATION:

Bidders must have a local dealer with a reasonable amount of parts inventory for the unit that has been bid and a complete service facility.

There shall be a \$500,000.00 minimum of product liability coverage by the manufacture and a minimum of \$500,000.00 liability coverage by the product installers to protect the City of Fargo. Certification shall be provided with bid.

Bidder must supply a list of equipment users who have purchased their units in the past two years.

Information shall include name of contact person and telephone number of that individual.

5.0 Specifications YES NO **5.1** General 1. Successful bidder shall supply a complete unit (truck and refuse body) equipped with at least a 26 yd³ capacity, right side loading. Automated lift arm shall be capable of lifting ANSI approved container ranging from 45 to 450 gallons. 2. The automated arm and packer shall be operated from the right side of the cab. The cab will be acceptable if it is right hand steer only. 3. Refuse service chassis that will be unloading in the City of Fargo Landfill 4. The automated arm unit shall also have the ability to be operated from the ground level outside the cab. 5. Grip arms shall be pad style. 6. The preferred reach of the arm shall be a minimum of 144" from its full retracted position. **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 straight frame. 2. Conventional Cab, Freightliner SD108; M2 or approved equal RH Steer, non-conversion style List non-conversion manufacture: 3. Minimum fuel capacity of 60 gallons

4. Cab shall have a RH cloth air ride seat with armrest.

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		YES	NO
5. Power windows, Power Locks, O	Cruise Control, AM/FM radio		
6. Cab shall have air conditioning a	and high output heater.		
7. Cab shall have tilt steering colur wheel diameter.	nn with an 18" maximum steering		
8. Cab shall have remote adjustable convex mirrors for additional vis			
9. Frame shall have front and rear t	ow hooks.		
10. Instrument panel shall have full meter, transmission temperature	<u> </u>		
11. Power supply and ground shall t two-way radio.	be provided for the installation of a		
12. A color camera monitoring syste automated arm, hopper, and rear SYS-323-1-1 or <i>approved equal</i>	of truck. Zone Defense #ZD-		
13. Monitor shall be mounted in the	upper right corner of the cab.		
14. Bidder shall work with chassis n chassis specifications are comple			
15. List PTO mount.			
5.4 Engine			
1. Diesel engine shall be a wet slee	ve design.		
2. Engine shall be a minimum of 3:	50 HP.		
3. Engine shall have a 115v block l	neater minimum		
4. All coolant hoses must be silicon	ne.		
5. Clutched radiator fan.			

<u>5.5 Tr</u>	ansmission ansmission	YES	NO
1.	Allison 6 speed RDS transmission, auto neutral function.		
2.	Heavy duty oil cooler.		
3.	Synthetic fluid.		
<u>5.7 Su</u>	spension and Differential		
1.	Suspension system shall be Hendrickson HMX or approved equal.		
2.	Synthetic gear lube		
3.	20,000 lbs. Front Axle and Suspension		
4.	46,000 lbs. Rear Axles and Suspension		
<u>5.8 Re</u>	fuse 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.		
3.	Hopper Floor shall be ¼" thick.		
4.	Refuse body shall have a minimum capacity of 26yds ³ .		
5.	Pre-Crusher plate shall be provided if available.		
6.	Work lights for both the hopper area and picking area for automated arm.		
7.	Hopper shall have broom and shovel brackets preferably on the inside of a compartment door.		
8.	Hydraulically controlled tailgate and latches operated from inside the cab by a protected switch.		
9.	Tip to dump for unloading material is preferred.		

		YES	NO
	Lift arm restraint and/or buzzer to prevent arm movement when in transit.		
11.	Body and chassis shall be white in color.		
<u>5.9 Cor</u>	<u>ntrols</u>		
1.	Joystick control inside the cab for automated arm system.		
	Controls located on the lower right side of the seat for plenum and automated arm system. Controls can be reached from ground level.		
3.	Pack on the go if available.		
	Operator shall have the ability to feather the control lever to vary the speed of the arm.		
	Operation of arm, after gripping container, will dump and return the container to the side of the truck once dumped.		
5.10 Hy	ydraulic System		
1.	Unit shall have a front mounted, engine driven hydraulic pump.		
	Hydraulic system shall have low level warning indicators, visual or audible.		
	Hydraulic tank shall have a capacity of 40 gallons with in tank coolant heater.		
4.	All lift arm hydraulic controls shall be electric over hydraulic.		
5.	Unit shall have the ability to work at idle.		
	Hydraulic system shall have a suction strainer of 140 microns and return filter with a 10 micron rating.		
	The return filter shall have an audible and/or visual filter bypass monitor, which shall alert the operator when the filter is in bypass.		

	YES	NO
8. 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 shall use LED.		
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.		
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 parts manual from the truck and refuse body manufacture.		
 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.		

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.	_		
	<u>ccessories</u> Fire extinguisher and triangles.			
	Rear fenders that cover both axles, front and rear mud flaps with anti-sale brackets.			
3.	Side mounted ladder for hopper access.			
Exceptions & Deviations Bidder 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.				and
TRA <u>ASL</u>	DE IN: Located at Solid Waste Department; 2301 8th Ave N	1, Farg	go, ND 58102	
	212 / 2010 Peterbilt 320 Heil Rapid Rail / 3BPZL50X7AF10448	1 / 103	300 estimated	d hours

5.15 Warranty

YES

NO

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<u>Auto Side Load Refuse Truck Warranty:</u>

Base Manufacture:	
Engine:	
Undroulion	
Hydraulics:	
OTHER:	

Proposal Sheet 2022 Auto Side Load Refuse Truck's

City of Fargo – Division of Solid Waste

Company Name:	
Packer Make:	Model:
Chassis Make:	Model:
Auto Side Load Refuse Truck Price Per	:: \$
	x2
	\$
TRADE-IN VALUE: Unit 212 / 2010 Peterbilt-Heil / 3BPZL50X7AF1044 (City reserves right to accept/reject trade val	
Two (2) Auto Side Load Refuse Truck w	vith Trade in Price: \$
Delivery Date	
Number of days for delivery from date of order:	
Name Signature	
Title	
Date P	Phone