

City Manager's Office
City of Kearney
18 East 22nd Street
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Kearney, NE 68848-1180



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October 16, 2020

TO ALL BIDDERS:

Sealed bids will be received by the City of Kearney, Nebraska, at the office of the City Clerk, City Hall, 18 East 22nd Street, Kearney, Nebraska, 68847 until 2:00 p.m. on November 17, 2020 and then publicly opened and then read aloud in the Council Chambers located on the second floor of City Hall located at 18 East 22nd Street, for the City's purchase of a side load refuse compactor truck used in the Utilities Department Sanitation Division. Copies of the specifications may be obtained from the office of the City Clerk, City Hall, 18 East 22nd Street, Kearney, Nebraska, 68847 or by going to the City's website at www.cityofkearney.org.

Interested bidders shall submit two (2) copies of their bid which includes:

- Proposal and Specifications provided by the City.
- Regularly printed literature as published by the factory which sets out and fully describes the equipment to be furnished in the bid, including the garbage body and the cab and chassis. The literature or other supplemental information shall clearly indicate compliance with each and every item of these specifications.

Bids must be made on the Proposal Form found in the Specifications and submitted in a sealed envelope labeled "**BID FOR SIDE LOAD REFUSE COMPACTOR TRUCK**" to the office of the City Clerk. The City will accept only those sealed bids, either hand delivered to the City Clerk's Office or received at the City Clerk's Office, City Hall, 18 East 22nd Street, Kearney, Nebraska, via U.S. Mail or other commercial carrier. Items transmitted by facsimile or electronically will not be accepted.

The City of Kearney is an equal opportunity employer and requires all contractors and consultants to comply with all applicable Federal and State laws and regulations.

The City of Kearney reserves the right to reject any or all bids and to waive any irregularities or informalities in any bid received, and to accept any bid which is deemed most favorable to the City of Kearney, at the time and under conditions stipulated in the General Conditions. Bids received after the specified time of closing will be returned unopened.

If you have any questions regarding this invitation to bid, please contact Steve Hart, Sanitation Supervisor, at 308-233-3206.

CITY OF KEARNEY

Michael W. Morgan
City Manager

MWM/pjb

GENERAL CONDITIONS

SCOPE

The City of Kearney desires to purchase a truck cab and chassis. The chassis shall be equipped with a 24-cubic yard, excluding hopper, automated side loading refuse compactor body that will be used for residential refuse collection by the Sanitation Division of the Utilities Department. Its configuration **must** be compatible with current city refuse collection operations.

The City of Kearney is requesting a tilt cab design, low cab forward meeting or exceeding these specifications with standard right hand drive steering.

All attached components including the garbage body shall be securely mounted to the cab and chassis.

The City of Kearney reserves the right to reject any or all bids, to award the bid in part or in whole, and to waive any informalities or irregularities as provided by Section 1-1505 "Formal Contract Procedure" of the Kearney City Code, and to accept any proposal which is deemed most favorable to the City of Kearney.

Bidders must submit with their bid the latest printed specifications and advertising literature on the units they propose to furnish, including the garbage body and the cab and chassis.

The manufacturer's usual warranty against defective materials or workmanship shall apply. The terms of the warranty for the cab and chassis and the garbage body must be included with the bid.

A weight distribution sheet shall be included with the bid.

All bids must be submitted on the attached Proposal form. The bidder shall indicate "yes" if they meet the specification or "no" if they do not meet the specification. The bidder shall list on the attached sheet labeled "Exceptions to Bid Specifications Sheet A" any variations from, or exceptions to, the conditions and specifications of this bid and shall be attached to the bid and specifications. All items which are marked as being an exception to a line item bid specification must contain supporting literature and/or documentation that declares the exception will meet or exceed that specification. Without this supporting literature and/or documentation, the exception to the bid will be considered as not meeting the intended specification.

Interested bidders shall submit two (2) copies of their bid which includes:

- Proposal and Specifications provided by the City.
- Regularly printed literature as published by the factory which sets out and fully describes the equipment to be furnished in the bid, including the garbage body and the cab and chassis. The literature or other supplemental information shall clearly indicate compliance with each and every item of these specifications.

Once the bid has been awarded, the successful bidder shall provide the following:

- A complete Operation Manual.
- A Service Manual.

Payment will not be made until the truck is delivered with all paperwork including the invoice, Nebraska sales tax certification, certificate of origin, odometer statement and other documentation necessary to license the truck.

The price or prices quoted shall be good for thirty (30) days from the bid date and shall include all transportation charges fully prepaid to and from the Kearney Area Recycling Center, 3007 East 39th Street, Kearney, Nebraska 68847.

The City of Kearney desires delivery to be completed within 180 days from the date of award. Bidder will certify delivery date on the proposal form.

Awards will be made to the lowest responsible bidder as provided by Section 1-1505 "Formal Contract Procedure" of the Kearney City Code. The quality of the articles to be supplied, their conformity with the specifications, their suitability to requirements, delivery terms and guarantee clauses shall be taken into consideration.

SPECIFICATIONS

The intent of these specifications is to describe the minimum requirements for a Cab and Chassis to be used in maintenance and repair operations conducted by the Sanitation Division of the Utilities Department. Decisions regarding equal to or better than will be the sole responsibility of the City of Kearney rather than those companies submitting bids.

A. CAB AND CHASSIS

1. <u>Application</u>	
1.1	The chassis shall be furnished to accommodate 65 mph speeds and so designed to accommodate the loads expected to be carried by the refuse body.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
1.2	This chassis must be capable of carrying the net weight of a Refuse Body with 24 cubic yard capacity, plus the weight of the refuse to be collected.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
1.3	The Cab and Chassis must be usable with no obstructions protruding above the frame.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
1.4	This application not only demands the truck cab and chassis act as the prime mover for this mounted equipment but will also be utilized as the primary source of power for these attachments.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
1.5	This application is for a standard right hand drive steering.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
1.6	Cab shall be painted manufacturer's standard high gloss white with rust preventing primer undercoat.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
1.7	Frame to be painted black.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
2. <u>Model</u>	
2.1	The equipment furnished under these specifications shall be a new 2020 or latest improved model in current production as offered to the commercial trade.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
2.2	Vehicle shall be complete with all accessory equipment as specified including all operation and service manuals at time of delivery.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

2.3	Vehicle shall comply with all current provisions of the National Traffic and Motor Vehicle Safety Act.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
2.4	Bidders are cautioned to read the specifications carefully as they may include special requirements not commonly offered by the manufacturer.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
2.5	Bidders shall also attach a statement that the cab and chassis offered meets or exceeds these specifications and/or list any exceptions fully and accurately.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
3. <u>Wheel Base</u>			
3.1	The cab-to-trunion dimensions shall be 192 inches.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
4. <u>Engine</u>			
4.1	The engine shall be a Cummins ISL-350hp @ 2200 RPM/1150 lbs. ft. wet sleeved and turbocharged. OR approved equal.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.2	Governed speed limit 65 MPH.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.3	Shall be of the latest design to comply with current EPA emissions requirements.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.4	Heavy duty cooling system with freeze protection to -34 degrees Fahrenheit.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.5	Minimum 1,300 square inch aluminum radiator with extended life coolant.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.6	Constant tension hose clamps for coolant hoses.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.7	Heavy duty charged air cooler.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.8	Heavy duty radiator with heavy duty mountings.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
4.9	Radiator draincock.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

4.10	Remote mounted radiator surge tank with sight glass.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
4.11	Shall have a shutdown system for low engine oil pressure and high coolant temperature.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
5. <u>Fuel Tank</u>			
5.1	Minimum 75-gallon capacity aluminum fuel tank located on left-hand side.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
5.2	Fuel filter/water separator.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
5.3	Magnetic drain plug for fuel tank.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
6. <u>Transmission (Designed for refuse truck applications)</u>			
6.1	Allison HD 4500 RDS automatic transmission with PTO provision. 6 speed RDS with auto neutral.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
6.2	Heavy duty oil to water transmission cooler and level sensor.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
6.3	Magnetic plugs.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
6.4	Transmission vehicle interface connector wired to transmission ECU.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
6.5	Transmission oil check and fill with electronic oil level check.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
7. <u>Exhaust System</u>			
7.1	Vertical or horizontal muffler meeting EPA noise reduction requirements with a vertical exhaust exiting behind the cab at or above the top of the body. Exhaust opening shall be equipped with a bent elbow or rain cap.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
7.2	Safety guard shall cover exhaust from bend at base of chassis body to top of cab if applicable.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			
8. <u>Electrical System</u>			
8.1	12 volt.		
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>			

8.2	Minimum of three (3) maintenance-free batteries providing 2,850 CCA.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
8.3	Battery shut-off switch with lockout.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
8.4	180-amp alternator capable of sustaining load requirements at low engine RPM.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
8.5	Adequate circuit protection using breakers or fuses.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
8.6	Electrical load requirements to be specified and all circuitry mapped for servicing needs.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9. Cab and Equipment	
9.1	Fully enclosed safety-type cab with key locks on all doors.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.2	Tilt cab design, low cab forward.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.3	Seats: right side drivers (Fabric), individual, high back air suspension with 1 chamber air lumbar. Passenger seat non-suspension.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.4	Interior and exterior grab handles for cab access on driver and passenger sides.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.5	Heated Mirrors: Left and right hand side. Dual west coast. Retractable arms.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.6	Dome light and courtesy switch.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.7	Seat belts for all passengers, three point retractable.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.8	Key check for warning lights.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.9	Full gauge instrumentation including engine hour meter and tachometer; engine oil temp.; transmission oil temp.; voltmeter, coolant temp.; engine oil pressure gauge; low air system pressure warning buzzer and light.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

9.10	Horn; air twin mounted under cab.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.11	Production design headliner.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.12	Left and right sun visors.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.13	Insulated rubber floor mat.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.14	Heavy-duty air conditioner with environmentally safe refrigerant.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.15	Standard heater plumbing with ball shutoff valves at supply lines only.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.16	Heater/air conditioner circulating fan to have at least three (3) speeds.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.17	Parking brake on-off control.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.18	All lighting to meet CCC regulations and as required by law.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.19	Painted front bumper.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.20	Two (2) front tow pins.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.21	AM-FM radio.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.22	Adjustable steering column – tilt/telescope.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.23	Five pound ABC fire extinguisher, one (1) under each seat.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.24	Curved corner cab windows to improve visibility, safety and minimize blind spots.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
9.25	Dual Power door windows.	Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

10. Windshield Wipers

10.1 Variable speed electric with intermittent.

Meets Specifications: Yes No

10.2 Electric washers.

Meets Specifications: Yes No

11. Steering

11.1 Power assisted steering.

Meets Specifications: Yes No

12. Service Brakes

12.1 Full air with low air warning device

Meets Specifications: Yes No

12.2 13 CFM air compressor, pressure oiled, water-cooled.

Meets Specifications: Yes No

12.3 Air reservoir with 2,000 cubic inch capacity.

Meets Specifications: Yes No

12.4 Air dryer located on outside of frame and not more than 12 feet from compressor.

Meets Specifications: Yes No

12.5 Front and rear brakes with dust shields to be Rockwell S-cam with Bendix automatic slack adjusters or approved equal.

Meets Specifications: Yes No

13. Parking Brake

13.1 Spring set-air release on rear driving wheels with dash mounted control.

Meets Specifications: Yes No

14. Front Axle

14.1 20,000 pound or greater capacity, I-beam design.

Meets Specifications: Yes No

14.2 C.R. "Scotseal Plus" unitized wet type wheel seals.

Meets Specifications: Yes No

15. Front Suspension

15.1 18,100 pound or greater capacity flat-leaf front suspension, I-beam design.

Meets Specifications: Yes No

15.2 Heavy-duty shock absorbers.

Meets Specifications: Yes No

16. <u>Rear Axle – Tandem</u>			
16.1	Twin screw 46,000 lb. capacity.		
	Meets Specifications:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
17. <u>Rear Suspension</u>			
17.1	46,000 pound air ride suspension.		
	Meets Specifications:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
17.2	Manual dump valve for air suspension.		
	Meets Specifications:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
17.3	Rear shock absorbers – two axles (Tandem) (Air Ride suspension).		
	Meets Specifications:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
18. <u>Frame</u>			
18.1	Heavy duty heat treated frame rails not less than 3,000,000 RBM per rail. The strength and construction is to be consistent with the GVW rating of the vehicle for both on and off-road use. Off-road use relates to those conditions encountered in operational conditions at a sanitary landfill.		
	Meets Specifications:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
18.2	Clean frame on outside of rails from back of cab to front of rear tires.		
	Meets Specifications:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
19. <u>Wheels/Tires</u>			
19.1	Front: wheels to be Accuride 22.5 inches x 9.00 inches, 10-hole hub centering unimount. Front: tires to be Michelin XZY 315/80R22.5 20 ply radial.		
	Meets Specifications:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
19.2	Rear: wheels to be Accuride 22.5 inches x 8.25 inches, 10-hole hub centering unimount. Rear: tires to be Michelin XDE 11R22.5 14 ply radial.		
	Meets Specifications:	Yes <input type="checkbox"/>	No <input type="checkbox"/>
20. <u>Paint</u>			
20.1	Paint to be high gloss white as provided by the manufacturer with rust-preventing primer undercoat.		
	Meets Specifications:	Yes <input type="checkbox"/>	No <input type="checkbox"/>

B. REFUSE BODY

It is the intent of these specifications to describe the minimum requirements for an automated side loading refuse compactor body.

21. Application

21.1 | The capacity shall be 24 cubic yards, exclusive of the hopper.

Meets Specifications: Yes No

21.2 | Features standard to this unit will be furnished by the successful bidder. Body shall conform in strength, quality of material and workmanship to that provided by the best engineering and manufacturing practices of the industry.

Meets Specifications: Yes No

21.3 | All equipment shall be of new model design, assembled and ready for operation at the time of delivery.

Meets Specifications: Yes No

21.4 | Bidders shall attach a statement that the unit meets or exceeds these specifications and/or list any exceptions fully and accurately.

Meets Specifications: Yes No

22. General

22.1 | Refuse body will have a capacity of 24 cubic yards exclusive of the hopper.

Meets Specifications: Yes No

22.2 | Packer body capable of packing dry household refuse to a density of 900 pounds per cubic yard.

Meets Specifications: Yes No

22.3 | Hopper shall have a minimum capacity of 6 cubic yards.

Meets Specifications: Yes No

22.4 | Packer body must meet all applicable standards.

Meets Specifications: Yes No

23. Body Construction (the following specifications are minimums)

23.1 | The body shall be of all steel welded construction.

Meets Specifications: Yes No

23.2 | Body sidewalls (street side) to be 10 gauge Hordox 450.

Meets Specifications: Yes No

23.3 | Body roof shall be 10 gauge 80,000 psi.

Meets Specifications: Yes No

23.4 | Floor to be 3/16 inch AR 400.

Meets Specifications: Yes No

23.5 | Tailgate bubble to be 10 gauge Hordox 450.

Meets Specifications: Yes No

23.6	Sides, front and rear to be reinforced for strength requirements.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
23.7	Reinforcement design and characteristics dependent upon construction methods used but they must be certified to meet the specified compacting requirements without body distortion.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
23.8	Shall have a shovel holder.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
23.9	Shall have a shovel holder.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
23.10	Side hopper door hinges shall have grease zerks.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
24. <u>Body Dimensions</u>	
24.1	Body height above truck frame not to exceed 109 inches.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
24.2	Outside width of body not to exceed 96 inches.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
25. <u>Hopper</u>	
25.1	The hopper shall have a minimum capacity of 6 cubic yards.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
25.2	The hopper floor shall be a minimum of 1/4-inch high strength abrasion resistant steel.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
25.3	Hopper sides are to be a minimum of 1/4-inch high strength abrasion resistant steel.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
25.4	A hopper cover or hydraulic crusher panel will be furnished to prevent refuse loss during transport.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
25.5	The hopper cover shall be air or hydraulic activated and operated from the cab.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
25.6	A ladder or foot supports with grab handles shall be designed to meet OSHA standards and provide easy access to hopper area.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

26. Packing Mechanism

26.1 | The packing panel is to be 1/4 inch AR400.

Meets Specifications: Yes No

26.2 | The packing mechanism is to retain compacted material in the body.

Meets Specifications: Yes No

26.3 | Length of the packing cycle to be determined by proximity switches.

Meets Specifications: Yes No

26.4 | Packing features are dependent upon each manufactures design but must be capable of accomplishing the requirements set forth in these specifications. It must also fulfill the operational claims made by the manufacturer.

Meets Specifications: Yes No

26.5 | Packing shall complete a pack cycle in 21 seconds minimum.

Meets Specifications: Yes No

26.6 | Packer sweep volume shall be 2 cubic yards minimum.

Meets Specifications: Yes No

26.7 | Cylinder sleeves shall be chrome plated.

Meets Specifications: Yes No

26.8 | Maximum operating pressure shall be 2,500 psi.

Meets Specifications: Yes No

27. Lifting & Gripping Mechanism

27.1 | The lifting mechanism shall be capable of gripping, lifting, raising and dumping containers ranging in size from 90 to 300 gallons with the use of a joy stick. The joy stick shall be conveniently located to the left of the operator. An ergonomically designed padded armrest shall be provided to support the operator's arm during operation.

Meets Specifications: Yes No

27.2 | This mechanism shall be spring steel and have the capability of gripping containers within the range mentioned above without having to change grip arm configurations.

Meets Specifications: Yes No

27.3 | Gripping force is to be adjustable to provide proper container retention and also for limiting the radial force applied to prevent container damage.

Meets Specifications: Yes No

27.4 | Lifting mechanism shall be capable of a complete cycle, which includes grip, lift, dump, undump, lower and ungrasp in a minimum of 8 seconds at idle.

Meets Specifications: Yes No

27.5	The mechanism shall be capable of lifting, raising, dumping and returning containers from any position within its reach.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
27.6	It shall incorporate serviceable bearings at grip, pivot and extension-retraction points to ensure smooth operation and long service life.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
27.7	The "arm" of the mechanism shall extend a minimum of 144 inches from its full retracted to full extended position.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
27.8	It will be capable of lifting 1,000 pounds at any point to which the arm is extended.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
27.9	No part of the mechanism shall have less than 13 inches of ground clearance.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
27.10	The container shall be tilted a minimum of 45 degrees past horizontal to provide for full dumping.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
27.11	A container counter shall be cab mounted.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
28. Tailgate	
28.1	The tailgate is to be hinged at or above the roofline using high strength steel hinges. It is to be raised for load ejection by two (2) single acting cylinders mounted on the outside of the tailgate. These cylinders shall be of a design that will prevent rapid lowering of the tailgate in case of a hydraulic component failure.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
28.2	The tailgate to be released and locked with no moving parts other than the two (2) primary lift cylinders and associated locking mechanisms.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
28.3	A gasket is to be affixed to the tailgate or body to provide a watertight seal between the body and the tailgate.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
28.4	The tailgate must be equipped with a tailgate ajar switch with audible or visible warning device fixed in the cab which complies with ANSI standards and warns the operator when the tailgate is partially to completely open.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
28.5	Body hinge structures must be of proper design, materials and construction to support the tailgate.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

28.6	Shall have a spill shield across the rear of body so ejection is away from tires.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
28.7	Tailgate maintenance safety props shall be provided. Safety props shall have grease zerks.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
28.8	Steel strength shall be minimum 80,000 psi.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
29. <u>Tip to Dump Unloading</u>	
29.1	The dump angle shall be such that all refuse in the box will be removed without sticking or bridging.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
29.2	All dumping controls will be incorporated into a basic system control panel but must be interlocked, with a manual override, to prevent accidental refuse discharge.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
29.3	All controls shall be operated from inside the cab.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30. <u>Hydraulic System</u>	
30.1	The hydraulic pump is to be a front mounted, crankshaft driven, constant flow type or a transmission PTO driven, bi-directional spur gear or tandem type.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.2	Pump capacity shall not be less than 18 GPM at 750 RPM.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.3	Front mount PTO protected by an Engine Overspeed Speed (E.O.S.) device. Preset to disengage PTO at 1800 RPM and reengage at 1000 RPM.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.4	A factory installed relief valve or valves shall be incorporated into the system and set at optimum working pressure.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.5	A 7-micron filter is to be installed in the return line.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.6	The hydraulic tank is to be frame mounted and equipped with a 10-micron breather filter (unless it is a closed system) and eye level sight gauge. The exact location of the tank will be determined by body configuration.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.7	The hydraulic reservoir must have a capacity of at least 65 gallons.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

30.8	The hydraulic system must contain cylinders capable of performing the operational requirements set forth in these specifications.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.9	Hydraulic hoses are to be SAE approved construction with hose burst pressure 4 times working pressure and have protective coverings.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.10	All hydraulic control assemblies must be located so that at no time or load condition it becomes necessary to remove the load to service these components.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.11	All cylinders are to have latest design sealing materials.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.12	Hydraulic oil cooler shall be mounted under body in front of rear drive axle on side opposite of lift arm assembly.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.13	Low oil warning and high temperature filter bypass shut down shall be provided.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
30.14	Protective cover on pack manifold.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
31. <u>Controls</u>	
31.1	All compactor operating controls are to be located in the truck cab and mounted for operator convenience and comfort.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
31.2	Warning signals shall be incorporated into all circuits monitoring abnormal compactor operations.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
32. <u>Lighting and Wiring</u>	
32.1	All lights and reflectors shall be in accordance with Federal and State I.C.C. Motor Vehicle Safety Standards.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
32.2	Provisions will be made for maximum visibility and must include two (2) red stop-tail lights and two (2) red turn-tail lights, and an I.D. cluster. All lights to be L.E.D.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
32.3	A lighted license plate bracket will be provided.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
32.4	Must include arm, hopper and side mounted work lights.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

32.5	Must include two (2) tailgate work lights and two (2) 4 inch amber strobe lights plus alternating flashing lights.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
33. <u>Painting</u>	
33.1	All components will be properly cleaned prior to priming.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
33.2	All burrs and rough spots are to be removed.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
33.3	Two (2) coats of rust inhibiting primer are to be applied prior to the finish coat.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
33.4	Final coat to be high gloss white.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
34. <u>Other</u>	
34.1	One (1) complete operator manual. Parts and service manuals to be supplied for the truck chassis and garbage body.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
34.2	Payment will not be made until the truck is delivered with all paperwork including the invoice, Nebraska sales tax certification, certificate of origin, odometer statement and other documentation necessary to license the truck.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
35. <u>Cameras</u>	
35.1	Color cameras will be provided: The first camera shall be placed on the rear of the truck for use as a backup camera. The second camera shall be placed to monitor the hopper area. The third camera shall be mounted to the bottom left side of the rear view mirror to cover left side blind spots.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
35.2	The color camera monitor shall be mounted to the cab and be fully adjustable flat screen type with split screen option so all camera views can be displayed at one time and automatically switch to full screen back up camera when unit is shifted to reverse.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
35.3	The camera system shall be Clarion, safety vision or approved equal.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
35.4	Protective cases shall be provided for the cameras.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
35.5	All cameras shall have shields to minimize sun glare.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

36. Trade	
36.1	The vehicle being traded is a 2010 Peterbilt truck (VIN3BPZKO8X7BF115458) with a 24 c.y. Wayne Curbtender garbage body.
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	
36.2	Questions about the vehicle being traded can be directed to the City of Kearney's Vehicle Maintenance Supervisor at nberke@kearneygov.org .
Meets Specifications: Yes <input type="checkbox"/> No <input type="checkbox"/>	

PROPOSAL FOR PURCHASE OF AUTOMATED SIDE LOADING REFUSE COMPACTOR TRUCK

TO: The City of Kearney
18 East 22nd Street
P.O. Box 1180
Kearney, Nebraska 68848

The undersigned hereby certify that we have personally and carefully examined the specifications for your purchase of a new automated side loading refuse compactor truck. We understand and agree that the City of Kearney reserves the right to reject any or all bids as provided by Section 1-1505 "Formal Contract Procedure" of the Kearney City Code, to award the bid in part or in whole, and to waive any technicalities in awarding the bid.

Having made such examination, the undersigned hereby agrees to sell the following new automated side loading refuse compactor truck provided that the compactor truck is acceptable after an inspection by the City of Kearney personnel and that the bid is accepted by the Kearney City Council.

Cab/Chassis Manufacturer	Model Number	\$ _____ Amount
Refuse Body Manufacturer	Model Number	\$ _____ Amount
Less Trade of one 2010 Peterbilt truck With Wayne Curbtender Body (VIN3BPZKO8X7BF115458)		(-) \$ _____
Total Bid		\$ _____

Estimated delivery date: _____

The undersigned further agrees to deliver the automated side loading refuse compactor truck to the City of Kearney Area Recycling Center at 3007 East 39th Street, Kearney, Nebraska after notification of bid acceptance has been given and by the anticipated delivery date listed below. Delivery of the refuse compactor trucks will be at the bidder's expense and the City of Kearney will not be responsible for any delivery expenses incurred.

I further understand that payment will not be made until the truck is delivered with all paperwork including the invoice, Nebraska sales tax certification, certificate of origin, odometer statement and other documentation necessary to license the truck.

Dated this _____ day of _____ 2020.

Bidder/Company Name	(Telephone Number)
(Business Address)	(E-Mail Address)

Check appropriate box: Individual/Sole Proprietor Corporation Partnership Other _____

Employer Identification Number or Social Security Number _____

By: _____
Authorized Signature