

Specifications for **ONE (1) NEW 2017 SINGLE AXLE AUTOMATED REAR-LOADING REFUSE TRUCK INCLUDING 16 YARD BODY FOR THE SOLID WASTE DIVISION** will be mailed on August 19, 2016 to the following:

Tri-State Equipment
Mike Magee
5024 Tri-Hill Frontage Rd.
Billings, MT 59103

Motor Power
Charlie Bennett
P.O. Box 2264
Great Falls, MT 59403

Billings Truck Center
P.O. Box 30236
Billings, MT 59107

Kois Brothers
P.O. Box 1728
Great Falls, MT 59403

Montana Peterbilt Co.
P.O. Box 8207
Missoula, MT 59807

McNeilus
Greg McCarty
2221 South 3270 West
West Valley City, UT 84119

I-State
Travis Sandau
2121 Vaughn Road
Great Falls, MT 59404

I-State Truck Center
Attn: Darren Severson
3615 Ulm North Frontage Rd.
Great Falls, MT 59404

Ron Alles
City Manager

Pete Anderson
Solid Waste Superintendent

Northwest Peterbilt Co
Guy Weimer
Drawer 2511
Billings, MT 59103

Wittke Waste Equipment
Attn: Marlis
P.O. Box 1180
1496 Brier Park Cres. N.W.
Medicine Hat, Alberta T1A7H3

Jack's Truck and Equipment
PO Box 1628
Gillette, Wyoming 82717

Rocky Mountain Truck Center
Corey Biggers
310 Alaska Frontage Road
Belgrade, MT 59714

Transport Equipment
9300 Inspiration Dr.
Missoula, MT 59802

Solid Waste Systems
Attn: Bob Eldevik
P.O. Box 13040
Spokane, WA 99213

Olympic Sales
Greg C. Krutsinger
P.O. Box 5701
Fargo, ND 58105

Randall Camp
Public Works Director

CITY OF HELENA
INSTRUCTIONS TO BIDDERS
August 15, 2016

Notice is hereby given that sealed bids will be received by the City Clerk for the City of Helena in the City County Administration Building, Room 320, 316 North park, Helena, Montana until 2:30 p.m. local time on **September 14, 2016** for the purchase of **ONE (1) NEW 2017 SINGLE AXLE AUTOMATED REAR-LOADING REFUSE TRUCK INCLUDING 16 YARD BODY FOR THE SOLID WASTE DIVISION.**

No bid will be considered unless accompanied by a cashier's check, certified check, bank money order or bank draft, or by a bid bond; which security instruments shall be made unconditionally payable to the City of Helena, in an amount equal to ten percent (10%) of the amount bid. Bid security shall be returned to the unsuccessful bidder immediately after execution of contract/purchase order.

Bids are to be addressed to the City Clerk, City of Helena, 316 North Park, Helena, Montana 59623, and are to be marked on the outside of the envelope: **"BID FOR AUTOMATED REAR-LOADING REFUSE TRUCK"**. Bids received after the stipulated time shall be returned unopened.

By submission of this bid, each bidder certifies, and in the case of a joint bid each party thereto certifies as to his own organization, that this bid has been arrived at independently, without consultant, communication, or agreement as to any matter relating to this bid with any other bidder or with any competitor.

In the event only one bid is received it will be returned unopened and the City shall re-advertise and rebid inclusive of vendors outside the Helena area. This provision does not apply if there is not a supplier of the bid item(s) in the Helena area.

Bidder shall upon submitting a bid, return completed City of Helena bid specification minimum requirement worksheets.

Bidder shall enter on the Request for Quotation the brand, model and year in the appropriate column.

The City of Helena reserves the right to reject any or all bids, to waive irregularities, or to accept any bid deemed to be for the public good.

Bids may be held by the City of Helena for a period not to exceed thirty (30) days from the date of opening of the Bids for the purpose of reviewing the bids and investigating the qualifications of the Bidder, prior to the award of the contract. The Bidder agrees that this bid shall be good and may not be withdrawn during this thirty (30) day period.

City of Helena, Montana
/s/ Ron Alles
City Manager

CITY OF HELENA

SPECIFICATIONS AND PROPOSAL

August 15, 2016

ONE (1) NEW 2017 SINGLE AXLE AUTOMATED REAR-LOADING REFUSE TRUCK INCLUDING 16 YARD BODY FOR THE SOLID WASTE DIVISION

Intent:

This portion of the specification describes single axle, cab & chassis suitable for mounting 16 cubic yard rear-loading refuse body.

General Terms:

All equipment furnished under this contract shall be new, complete, unused, and the same as the manufacturer's current production model. Accessories not specifically mentioned herein, but necessary to furnish complete units ready for use, shall also be included. The units shall conform to the best practices known to the trade in design, quality of material and workmanship. Assemblies, sub-assemblies, and component parts shall be standard and interchangeable throughout the entire quantity of units, as specified in these Specifications and Proposal.

Parts Manual:

Bidder shall furnish one (1) complete set of parts, wiring, service, operation, and owner's manuals. Hard copy and DVD or CD

Parts:

Parts availability must be guaranteed for a minimum period of no less than four (4) years with one (1) week delivery.

Bidder shall furnish one (1) complete extra set of all filters (oil, air, fuel, hydraulics, transmission, coolant, etc.) with each chassis.

Inspect:

The city reserves the right to inspect a completed unit prior to bid acceptance. The bidder may have to provide a complete, operable unit for demonstration on Solid Waste routes in the City of Helena.

Training:

Training in Helena Montana for two (2) City of Helena mechanics regarding the new units to be included in the bid.

ONE (1) NEW 2017 SINGLE AXLE AUTOMATED REAR-LOADING REFUSE TRUCK INCLUDING 16 YARD BODY FOR THE SOLID WASTE DIVISION.

CAB & CHASSIS SPECIFICATIONS:

<u>Description</u>	<u>Minimum requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
CHASSIS:				
	Single Axle 33,000 G.V.W.	_____	_____	_____
	112 inch cab to axle measurement.	_____	_____	_____
ENGINE:				
	Wet block diesel engine with minimum 300 HP and minimum 800 ft. lbs of torque. Bio-diesel compatible.	_____	_____	_____
	Oil filters - spin on type, no canister type.	_____	_____	_____
	Fuel filters - spin on type, no canister type.	_____	_____	_____
	Racor heated fuel filters & water separator.	_____	_____	_____
	Air cleaner, with dual element, outside air intake, with step type air restriction indicator, Fram SP-3539 or equivalent.	_____	_____	_____
	900 sq. inch radiator with no coverage by cab, with maximum cooling and no more than nine fins to the inch; heavy duty top and bottom bolted tanks Coolant filter in cooling system. Anti-freeze to 40 degrees Fahrenheit below zero.	_____	_____	_____
	Minimum 50 gallon fuel tank.	_____	_____	_____
	110 volt engine block heater minimum 1500 watts.	_____	_____	_____
	Single exhaust upright cab mount with 90° elbow all under cab shield.	_____	_____	_____
	Muffler, maximum silence rated at 85db or latest U.S. Government specifications. vertical mounted on left hand side of cab.	_____	_____	_____

Description Minimum Requirements

Yes No Exception

TRANSMISSION:

Allison automatic 3000 series to match engine torque output.

Electronic shifting.

External mounted air to oil cooler and external from radiator.

Transmission cooler to match.

Aluminum transmission bell housing.

BRAKES:

S cam type front and rear with stroke sensitive self-adjusting outboard mounted cast iron brake drums. To match equipment specifications.

Lanyard operated drain valve on all air tanks.

Dust shields on brakes.

Minimum 15.5 cubic feet air Compressor.

Racor or equal thermostatically controlled, automatic "Spitter" valve on primary air tank.

Emergency air brake with dash mounted release and warning light.

Bendix ADISEP air dryer with external spin on cartridge (no canister type) and heater.

Air tanks to be installed as high as possible, preferably above bottom of frame rails.

Pressure relief valve, single check valves and pressure protection valve for air suspension and other air accessories.

<u>Description</u> <u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
FRONT AXLE AND SUSPENSION:			
Front axle Rockwell 11,000 lb. with minimum 14,600 lb. tapered springs.	_____	_____	_____
Shock absorbers required heaviest duty available. Describe shock absorbers offered: _____	_____	_____	_____
Oil filled front hubs with sight glass.	_____	_____	_____
Power steering, extra heavy duty.	_____	_____	_____
REAR AXLE AND SUSPENSION:			
Rear axle 23,000 lb with 23,000 lb. with tapered leaf springs. Rockwell R-180 with rear ratio for maximum speed of 60 mph.	_____	_____	_____
Rear axle differential lock to be lever operated with dash mounted warning light.	_____	_____	_____
TIRES AND WHEELS:			
Front wheels 2 (two) aluminum 22.5" x 8.25", 10 hole hub piloted, 11-1/4" bolt circle 8-13/32" bore, 2 hand hole, 7/16" section, wheels suitable for steel belted radial tires required.	_____	_____	_____
Front tires 11R/22.5, 16 PLY, Michelin XZY3	_____	_____	_____
Rear wheels steel 22.5" x 8.25", 10 hole hub piloted, 11-1/4" bolt circle 8-13/32" bore, 2 hand hole, 7/16" section suitable for steel belted radial tires required.	_____	_____	_____
Rear tires 11R/22.5, 16 PLY traction, Michelin XZY3	_____	_____	_____
ELECTRICAL AND LIGHTING:			
Daytime running lights.	_____	_____	_____
All lights and reflectors shall meet Montana vehicle Code and all Federal Vehicle Safety Standards.	_____	_____	_____
12 volt, 160 amp alternator.	_____	_____	_____

<u>Description</u> <u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
ELECTRICAL AND LIGHTING CONTINUED:			
Battery disconnect to kill all power from battery at the battery box.	_____	_____	_____
3-12 volt maintenance free batteries, 1950 c.c.a. for each unit.	_____	_____	_____
All wiring shall be in metal conduit where possible and where impractical shall have rubber grommets to provide for chafe protection.	_____	_____	_____
LED lighting is required on the entire unit.	_____	_____	_____
CAB:			
Auxiliary turn signals mounted on the front of cab body and not to be extending beyond front corners of cab.	_____	_____	_____
Fresh air defroster 40,000 BTU and fresh air heater 40,000 BTU with air outlet near drivers feet.	_____	_____	_____
Factory installed air conditioner.	_____	_____	_____
Dual windshield wipers, variable speed with windshield washer.	_____	_____	_____
King size west coast mirrors mounted both sides.	_____	_____	_____
Eight inch convex mirrors mounted below west coast mirrors.	_____	_____	_____
Air ride type driver's seat. Cloth upholstery.	_____	_____	_____
AM/FM Radio with 2 speakers to be operated from right hand side.	_____	_____	_____
Passenger seat, stationary .	_____	_____	_____
Full coverage fenders with fender flares.	_____	_____	_____
Electric door windows.	_____	_____	_____

Description Minimum Requirements

Yes No Exception

CAB CONTINUED:

Tinted front windows. _____

Dual sun visors. _____

All windows available for cabs must be installed with maximum side and rear for 360⁰ visibility for safely entering streets. _____

Fully insulated and sound deadened. _____

Grab handles both sides. _____

Engine hour meter. _____

Water temperature gauge/direct reading. _____

Engine oil gauge/direct reading. _____

Volt meter gauge/direct reading. _____

Air pressure gauge/direct reading. _____

Transmission temperature gauge/direct reading. _____

Fuel gauge/direct reading. _____

Audio alarm for low radiator level, high water temperature (205 degrees), low oil pressure and high transmission temperature (225 degrees). _____

Back-up alarm, ECCO SA907 or equivalent meeting all state requirements. _____

Cab shall be blue metallic (DuPont Code 42957) and gray metallic (DuPont Code 65751) Design to be provided on award of bid. Standard chassis designs will be considered. _____

MISCELLANEOUS:

Minimum ground clearance of accessories to be 18" between axles to clear rough terrain. _____

Two (2) front and two (2) rear mounted extra heavy duty tow hook. _____

<u>Description</u> <u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
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REFUSE BODY SPECIFICATIONS:

CAPACITY:

The body shall have a minimum capacity excluding hopper of:

16 Cubic Yards. _____

The body shall have an average compaction rate of 850 to 950 pounds per cubic yard. _____

BODY DIMENSIONS:

Maximum overall width not to exceed 96". _____

Maximum overall length and height (*with tailgate in locked position*) above the chassis frame not to exceed:

Capacity	Length	Height CA (cab to axle)	
16 Cu./Yd.	202.5" 83"	112"	_____

Body weight (exclusive of options) shall not exceed:		
Capacity	Weight	
16 Cu./Yd.	10,323 pounds	_____

BODY CONSTRUCTION:

Body sides, roof shall be curve shell design without the need of side bracing. Continuous operation at maximum loads without harmful deformation or wear. _____

The roof shall be constructed of 10 gauge 80,000 PSI steel. _____

The body sides shall be constructed of 10 gauge, 80,000 PSI steel. _____

Sides shall be braced along the bottom 3 1/2" x 12" from tailgate tapered to a point at the front of the body. Braces shall be interconnected with floor gussets and continuously welded. Rear portion of side brace shall connect to a 12" x 16" triangular gussets and all seams continuously welded for maximum strength. _____

The body floor shall incorporate a trough design (*flat floors not acceptable*). _____

The body upper floor sides shall be 10 gauge 80,000 PSI steel. _____

<u>Description</u> <u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
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BODY CONSTRUCTION CONTINUED:

The body floor center shall be 1/4" plate high tensile steel. _____

The trough shall be constructed of two 8" channel sills to hold the ejection panel in line under the most extreme load conditions. _____

Side access door shall be located on the street side of the body sidewall. _____

Side access door shall be equipped with a safety interlock to disengage PTO when door is open. _____

TAILGATE DIMENSIONS:

Hopper opening width shall not be less than 74". _____

Hopper capacity shall not be less than 2.5 cubic yards as calculated By WASTECC DWRP03 No.1 method. _____

Hopper capacity of 12.6 and 16 through 25 yard bodies shall not be less than 3.0 cubic yards as calculated by WASTECC DWRP03 No. 1 method. _____

Hopper cycle time with the standard PTO and pump shall not exceed 27- 30 seconds. _____

TAILGATE CONSTRUCTION:

Tailgate sides shall be constructed of a minimum of gauge high tensile sheet steel, and the upper sides shall be constructed of a minimum of 10 gauge high tensile sheet steel. _____

Tailgate sides shall be reinforced by 1 3/4" x 4" bracing constructed of 7 gauge formed steel and fully welded in a horizontal position for maximum support. _____

The slide panel guide track shall be constructed of 1/2" x 2 1/2" AR400 steel reinforced by formed 1/4" high tensile steel. (*Free floating design is not acceptable*). _____

The tailgate shall be equipped with an automatic hydraulic locking system with a pilot check valve to ensure constant pressure for a tight seal. _____

<u>Description</u>	<u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
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TAILGATE CONSTRUCTION CONTINUED:

The tailgate shall be unlocked raised by two double acting cylinders equipped with clevis ends and restrictors to prevent precipitous tailgate decent in the event of a broken hydraulic line. (9-13RL 3 1/2" bore cylinder, 16-25RL 4" bore cylinder)	_____	_____	_____
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The tailgate perimeter edge shall be reinforced by 2" x 2" structural tube steel.	_____	_____	_____
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Tailgate shall be equipped with a chemically inert seal to provide a watertight seal. (23" high)	_____	_____	_____
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Hopper floor shall remain stationary during the packing cycle and shall be equipped with a 1 1/2" drain plug.	_____	_____	_____
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Hopper floor shall be a minimum of 1/4" high tensile sheet adequately braced to withstand maximum pressures imposed upon it. Hopper back 1/4" T-1 steel.	_____	_____	_____
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The hopper load sill shall be constructed from a 3/8" plate and be even with the chassis frame height.	_____	_____	_____
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Self-cleaning grip bolt on strut steps and grab handles shall be required on both sides of the tailgate.	_____	_____	_____
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Auto locking tailgate (No turn buckles).	_____	_____	_____
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PACKING MECHANISM CONSTRUCTION:

The sweep panel shall be of the backhoe packing type, and designed to have a minimum clearance to thoroughly clean the hopper bottom during cycling.	_____	_____	_____
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The sweep panel face plate shall be constructed of 1/4" high tensile sheet steel and shall be reinforced with (4) integral braces made from 1" steel plate.	_____	_____	_____
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The sweep panel shall be powered by two 5" x 16" double acting cylinders equipped with bronze bushings.	_____	_____	_____
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The slide panel face plate shall be constructed of 1/4" high strength sheet steel.	_____	_____	_____
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The slide panel shall be powered by two (11-13RL 4" bore x 36" stroke, 12.6 and 16-25RL 4 1/2" bore x 43" stroke) Double acting cylinders.	_____	_____	_____
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<u>Description</u> <u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
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PACKING MECHANISM CONSTRUCTION CONTINUED:

The linear slide movement of the panel shall be accomplished on two 4 1/2" x 2 1/4" x 24" high density UHMW guide bearing blocks.

	_____	_____	_____
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The pivotal rotation of the sweep panel shall be accomplished through the sweep panel pivot which shall consist of two 2" diameter stress proof pivot pins with bronze bushings.

	_____	_____	_____
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Both ends of the pivot shaft shall be equipped with bronze bushings.

	_____	_____	_____
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EJECTION PANEL CONSTRUCTION:

Ejection blade shall form the front of the body and be hydraulically operated and designed to have a minimum clearance too thoroughly clean the body during cycling.

	_____	_____	_____
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The load shall be discharged by means of a positive ejection system. A double acting, telescopic cylinder shall extend and retract the full length of the body.

	_____	_____	_____
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The ejection panel face plate shall be constructed of 10 gauge 50,000 PSI sheet steel and reinforced with trapezoidal cross members of high 3" x 3" and 4" x 4" structural tube.

	_____	_____	_____
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The ejection panel shall slide in an 8" channel sill on four high density UHMW slide bearing blocks.

	_____	_____	_____
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Ejection panel bearing blocks must be able to be replaced without removing ejection panel.

	_____	_____	_____
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The telescopic cylinder shall be horizontally positioned & consist of the following dimensional characteristics:

Capacity	Stage	Bore	
16 Cu./Yd.	4 Stage	6.5"	_____

No clamping cylinder or clamping mechanism shall be required.

	_____	_____	_____
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Description Minimum Requirements

Yes No Exception

CONTROLS:

The ejector panel and tailgate raise control shall be mounted inside the front left hand side of the body. Controls are accessed through opening located in access door. Controls will not come into contact with any refuse and are protected from outside elements.

An electrical device shall be supplied to automatically raise the engine speed to the proper RPM during the packing cycle.

An additional throttle advance switch shall be mounted at the front left hand side of the body near the tailgate raise control handle and at the rear right hand side near the packing blade control.

A Back Pack Valve shall be required to automatically advance the ejector panel when packing against it.

The packing panel control shall be designed to accomplish the normal packing cycle in two steps and shall be reversible or stopped at any time during the cycle.

The packing panel control shall be a two handle design and located at the rear of the tailgate on the curbside.

HYDRAULIC SYSTEM:

A power takeoff/pump combination shall be used to power the hydraulic system.

All hydraulic valve shall be mechanically operated and use direct link controls.

The hydraulic pump shall provide a delivery of 29 GPM at 1400 to 1500 RPM.

Normal maximum operating pressures shall not exceed 2000 PSI.
(For 12.6 and 16-25RL or 2500 PSI for 11-13RL).

The hydraulic system shall incorporate a relief valve and a hydraulic pressure gauge to protect all components from excess pressures.

<u>Description</u>	<u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
HYDRAULIC SYSTEM CONTINUED:				
	All hydraulic hoses shall conform to S.A.E. Standards. No flatspots in hoses will be acceptable.	_____	_____	_____
	Hydraulic tank shall not be less than 40 gallons and must be equipped with a sight and temperature gauge. The tank shall be located inside the body.	_____	_____	_____
	A replaceable 10 micron absolute in tank immersed filter with by-pass valve and visual indicator shall be furnished in the return line of the hydraulic system.	_____	_____	_____
	A shut-off valve shall be mounted on the suction line near the oil tank.	_____	_____	_____
	All cylinder rods shall be chrome plated.	_____	_____	_____
	Sweep and slide cylinder rods induction hardened.	_____	_____	_____
ELECTRICAL:				
	All body wiring shall be color coded in factory harness with sealed connectors.	_____	_____	_____
	Body to chassis wiring shall be in sealed junction box at front of body with sealed connectors.	_____	_____	_____
	The body shall be equipped with approved LED clearance, warning, tail, license, stop and turn signals in compliance with the national safety standards.	_____	_____	_____
	The body shall be equipped with an external audio back up alarm activated when the chassis is in reverse.	_____	_____	_____
	Driver alert buzzer and safety stop shall be installed at the rear of the tailgate located by the packing controls.	_____	_____	_____
	A light shall illuminate in the cab when the tailgate is open and an audible alarm will sound when the vehicle is placed in reverse while the tailgate is open.	_____	_____	_____
	A light bar shall be mounted on the upper section of the tailgate and consist of stop, turn and three clearance lights, in accordance to the national safety standards.	_____	_____	_____
	It shall include a rear vision camera, Safety Vision or equivalent.	_____	_____	_____

<u>Description</u>	<u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
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PAINT:

The body shall be properly cleaned of all dirt, oil, and welding slag. Gray DuPont Epoxy primer with rust inhibitors shall be applied.

_____	_____	_____
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The body will be painted white with blue metallic (Dupont Code 42957) and gray metallic (Dupont Code 65751) stripes to City specifications. Design to be provided on award of bid.

_____	_____	_____
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MOUNTING:

Body shall be mounted in accordance to industry standards. No welding shall be performed on the chassis frame in the mounting process.

_____	_____	_____
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SAFETY:

Access door to body to be equipped with an interlock switch to disable the hydraulic system when the door is open.

_____	_____	_____
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Safety Shut Down switch to be provided on the right side of the tailgate.

_____	_____	_____
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Driver alert switch to be provided at the right rear of the truck.

_____	_____	_____
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20 lb. Fire extinguisher mounted on body or truck frame.

_____	_____	_____
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Triangle reflector kit located in cab.

_____	_____	_____
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OPTIONAL EQUIPMENT:

Hopper Lights (*insert into electrical if desired*).

Two white halogen lamps shall be mounted on the upper half of the tailgate. The lights shall be capable of illuminating the hopper of the tailgate. The lights will be activated by a switch in the cab of the chassis.

_____	_____	_____
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Strobe Light (*insert into electrical if desired*).

A strobe light shall be mounted on the upper half of the tailgate. The light shall be activate by a switch located inside the cab of the chassis.

_____	_____	_____
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Cart Flipper - A rotary activated device capable of dumping two wheel carts shall be attached to the rear of the tailgate. All associated hydraulic components shall also be supplied.

_____	_____	_____
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Shall meet all D.O.T. and O.S.H.A. requirements

_____	_____	_____
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<u>Description</u> <u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
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OPTIONAL EQUIPMENT CONTINUED:

The successful bidder will provide training for four (4) City mechanics. Training on truck and body will be prior to truck delivery and at the City of Helena facility.	_____	_____	_____
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The successful bidder will supply minimum one day operator training at the time of delivery in Helena, MT.	_____	_____	_____
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The body manufacturer will supply one (1) complete wiring diagram for each complete body and pickup mechanism.	_____	_____	_____
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DELIVERY:

The bidder will be responsible for delivering the completed units to the City of Helena. The bid will include all freight and delivery charges. The units must be delivered within 180 days of bid award. Prior service must not exceed 1000 miles or 100 hours since lube and oil change. PDI to be completed prior to delivery in Helena an all vehicles will be 100% ready for use before being accepted.	_____	_____	_____
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WARRANTY:

One year on all body parts, paint and labor and two years for cylinders after date of acceptance of the unit. Bidder is responsible for warranty on all components. Manufacturer shall enclose warranty statement with the bid. Warranty work shall be performed in Helena. If warranty work is required outside of Helena, all transportation, mileage, labor and repairs are the responsibility of the bidder. Warranty work must be completed within one week of turning vehicle over to bidder.	_____	_____	_____
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Manufacturer's limited warranty shall apply for a period of one year on body.	_____	_____	_____
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GENERAL:

Bidder must be capable of shipping all repair parts within (24) twenty four hours of placement of an order by regular mail, e-mail or fax or telephone.	_____	_____	_____
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<u>Description</u> <u>Minimum Requirements</u>	<u>Yes</u>	<u>No</u>	<u>Exception</u>
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GENERAL CONTINUED:

A performance demonstration may be required before bid award. The City may reject bids that otherwise meet specifications if this demonstration shows the equipment will be unsuitable in actual City use.

The successful Vendor will provide an Application for Certification of Title or completed MSO and Title Application made out per current Montana State Law with delivery of each unit.

Equipment and components necessary for operations, and normally supplied, shall be furnished with the vehicle even if not called for in the specifications.

The vehicle and all equipment shall be new. Used, demonstration, rebuilt, or remanufactured equipment is unacceptable.

The vehicle shall have full dealer preparation and be ready for service when delivered.

All locally installed equipment shall comply with applicable OSHA/WISHA and DOT regulations.

MAINTENANCE AND OPERATION TRAINING FOR CAB AND CHASSIS:

The successful bidder will be responsible for a minimum of one day of training for the maintenance and operation of the truck cab and chassis. The training will be at the City of Helena shop facility located at 3001 Lyndale Avenue. This training will be at the time of delivery of the vehicle.

Description Minimum Requirements

Yes No Exception

WARRANTY:

Bidder is responsible for warranty on all components. Warranty work shall be performed in Helena. If warranty work is required outside of Helena, all transportation, mileage, labor and repairs are the responsibility of the bidder.

Warranty work must be completed within one week of turning vehicle over to vendor.

Inspection of the bidder's parts and service facility may be required before bid award.

A full-time, complete local parts and service facility offering factory authorized warranty service and maintaining a local parts supply adequate to perform complete repair is required.

One (1) copy of all applicable warranties for truck and all components shall be submitted with bid.

ENGINE WARRANTY: Min. 2 years 250,000 miles; zero deductible; extended coverage; manufacturer/dealer shall provide service and inspections as necessary to keep warranty valid, except for fluid and filter changes; manufacturer/dealer shall be responsible for fluids and filters that require replacement due to an engine problem; include complete details of warranty and a list of preventative maintenance checks that will be required, including estimated hours of down time required for each check.

REAR AXLE WARRANTY: Min 5 years/250,000 Miles.

ALLISON TRANSMISSION WARRANTY: Minimum 3 years/300,000 miles.

All warranties shall begin on the date the vehicle is placed in service, not the delivery date; vendor will be notified of in-service date.

Description Minimum Requirements

Yes No Exception

PRE-AWARD MEETING:

After Commission approval of bid award and prior to signing agreement to purchase a complete review will be required of bidder's ordering data, the submitted allowed manufacturer's literature and the City's purchase specifications to ensure that the bidder response to general and technical specification requirements fulfills the specification requirements. This review will take place at the City Shop facility located at 3001 East Lyndale in Helena Montana.

BIDDERS STANDARDS

All required lubricants shall be available from Montana lubrication suppliers other than OEM dealers.

Only standard (SAE) or metric bolts, nuts, etc. will be allowed (i.e. Whitworth is unacceptable).

To ensure that the warranty provisions can be met, bids will only be accepted from vendors meeting the following requirements:

1. The vendor must be factory authorized to sell and service the unit bid including all attachments, components, and/or accessories.
2. The vendor must have an in-state sales/service facility that:
 - a. Has a minimum of 2400 square feet of shop space.
 - b. Employs a minimum of two full time factory qualified mechanics.
 - c. Has a demonstrated service record for a minimum of twelve months prior to the bid opening date.

It is the intent of these provisions that the successful vendor be able to respond to required warranty work in a timely manner, from an in state location, with parts, special tools and trained personnel. The City therefore reserves the right to modify these requirements based on such factors as past service performance representing other franchises or manufacturers, an adequate size facility to have an inventory of repair parts and perform repair and service work and full-time mechanics that are certified to repair similar types of equipment.

Manufacturer's statement of origin (MSO) must accompany each unit at the time of delivery.

All bids are considered to be F.O.B., City of Helena Vehicle Maintenance Facility.

INVITATION TO BID - REQUEST FOR QUOTATION
STANDARD TERMS AND CONDITIONS

Competition

The City of Helena encourages free and open competition among bidders. Whenever possible specifications, bid invitations and conditions are designed to accomplish this objective, consistent with the necessity to satisfy the City's needs and the accomplishment of a sound economical operation. The bidder's signature on this proposal guarantees that the prices quoted have been established without collusion with other eligible bidders and without effort to preclude the City of Helena from obtaining the lower possible competitive price. The award will be made to the lowest responsible bidder meeting specifications and all bid terms and conditions. The City of Helena has established a local preference procedure of awarding bids to the lowest responsible bidder who is a resident of Lewis and Clark County, Montana, and whose bid is not more than 3% higher than that of the lowest responsible bidder who is not a resident of Lewis and Clark County, Montana as defined in City of Helena Ordinance No. 2430. In all instances, Montana-made goods must be preferred for use in all projects if such goods are comparable in price and quality.

Preparation of Bids

Bids will be written in ink and/or typewritten on bid forms furnished herewith. Erasures and alternations must be initialed by the bidder in ink. Telegraphic bids will be accepted only if they fully comply with all other conditions in the Invitation to Bid. No verbal bids shall be accepted. Bid quotations will be firm for thirty days, unless otherwise stipulated by bidder.

Bid Items

The bidder warrants articles offered to conform to the specifications herein requested, to be fit and sufficient for the purpose manufactured, of good material and workmanship and free from defect.

Special Brands

Brand name items or descriptions used in this proposal are specified solely for the purpose of indicating standards of quality, performance and/or use desired. Any bid offering goods or sources which deviate from the specifications must be clearly indicated by the bidder, otherwise it will be considered that the bid is in strict compliance with all terms and conditions. Substitutions must be identified by manufacturer and stock number and complete descriptive literature must be included with the bid. Goods delivered which do not conform to the contract terms, conditions or specifications may be rejected and returned at the vendor's expense. Any bid for foreign produced products shall be so indicated and the source of supply noted for each item.

Packaging

No charges will be allowed for packing, wrapping, bags, containers, reels, etc., unless otherwise stipulated. All items shall be packed in accordance with prevailing commercial practices and in such a manner as to ensure delivery in good condition and as specified herein.

Contract Reference

The contract (Purchase Order) number shall be referred to on all invoices, packages, packing lists, shipping notices and any correspondence relating to the Purchase Order.

Delivery/Shipping

Goods shall be prepaid, F.O.B. destination. In the event the contract terms specify f.o.b. shipping point, shipping charges will be prepaid and itemized as a separate item on invoicing. Such shipments shall be via the least expensive common carrier unless otherwise stipulated. The City of Helena reserves the right to reject any C.O.D. delivery.

Cash Discount

Bidders may quote a cash discount, provided it is based on a period of twenty (20) days or more. A shorter period will not be considered in determination of a low bid. Any cash discounts as part of this contract will be computed from the date of receipt of a properly executed claim or the date of completion of delivery of all items in satisfactory condition, whichever is later.

Excise Taxes

The City of Helena is exempt from Federal Excise Taxes. Exemption certificates will be furnished upon request.

Samples

Samples of items must be furnished by the bidder if stipulated herein. Transportation costs, both to and from the Purchasing Division, will be assumed by the bidder. Each sample must be labeled with the bidder's name and the quotation and item numbers.

Acceptance/Rejection of Bids

The City of Helena reserves the right to accept or reject any or all bids, wholly or in part, to make awards in any manner deemed in the best interest of the City.

All or None Proposals

Bidders may submit alternate proposals on an "all-or-none" basis, but are requested to submit a primary quotation on an item-by-item basis to be considered for either type of award.

Bid Determination

Low bid shall be determined by the Base Bid less Cash Price or Trade-in for City of Helena equipment.

Tabulation

In the event that a quotation is entered in which the unit price and extension do not agree, the unit price shall prevail.

Non-Discrimination

In accordance with federal and state laws, the bidder agrees not to discriminate against any client, employee or applicant for employment or for services, because of race, creed, color, national origin, sex or age with regard to, but not limited to, the following: employment upgrading, demotion or transfer; recruitment or recruitment advertising; lay-offs or termination; rates of pay or other forms of compensation; selection for training; or rendition of services.

It is further understood that any vendor who is in violation of this clause shall be barred forthwith from receiving awards of any purchase from the City of Helena unless a satisfactory showing is made that discriminatory practices have ceased and the recurrence of such acts is unlikely.

Qualification of Bidders

Bidder shall not be eligible for the award of any contract if not deemed a responsible bidder as defined by City of Helena Ordinance No. 2244 relative to delinquent City of Helena taxes.

Attention of bidder is directed to the City of Helena Ordinance No. 2188 relative to requirement of General Business License for contractors transacting business within the City of Helena limits. Proof of business license may be required before award of bid.

CITY OF HELENA
REQUEST FOR QUOTATION

ONE (1) NEW 2017 SINGLE AXLE AUTOMATED REAR-LOADING REFUSE TRUCK INCLUDING 16 YARD BODY FOR THE SOLID WASTE DIVISION

BIDDER MUST USE THIS FORM ONLY IN SUBMITTING PRICES

THIS IS NOT AN ORDER

VENDOR _____

DATE: _____

RETURN BIDS TO: City Clerk, City of Helena, City – County
Administration Building, Room 320, 316 North Park Avenue,
Helena, MT 59623.

Sealed bids will be received by the undersigned up to 2:30 p.m.
local time September 14, 2016 to be then publicly opened in the
office of the City Clerk.

REQUEST FOR QUOTE ISSUED BY: Director of Public Works

Item _____ Brand _____

Model _____ Year _____

One (1) New 2017 Single Axle
Automated Rear-Loading
Refuse Truck with Body
per specifications

BASE BID \$ _____

This Section must be completed in full and signed: Date: _____

Delivery Date: _____

Company Name: _____

Terms: _____

By: _____
(Signature - Authorized Representative)

Telephone Number _____