

## Request for Bids

The Town of Clintwood has applied for a grant through the United States Department of Agriculture, Rural Development, to assist with the purchase of a 2021 single -axle rear loading garbage truck. As a requirement for this grant, we will be procuring the garbage truck through Competitive Negotiations. The selection process will be reviewed and concurred in by Rural Development. A list of the specifications and the evaluation criteria will be available at the Clintwood Town Hall at 248 Clintwood Main Street, Clintwood, Va or on our website at <https://www.townofclintwood.com>. All bids must be for a complete package with the specifications requested. The Town of Clintwood reserves the right to accept or reject any and all bids. Sealed bids must be received at the Clintwood Town Hall at 248 Clintwood Main Street, Clintwood, Virginia 24228 or by mail at P.O. Box 456, Clintwood, Va. 24228 and addressed to the attention of Mayor Donald Baker by **September 4, 2020 at 4:00 p.m.** Please contact Mayor Donald Baker at 276-393-4535 with any questions you may have.

Authorized by: Clintwood Town Council

Run 2 weeks - July 22, 2020 and July 29, 2020

## Evaluation Criteria

Value System 1 to 4: 1-Most Important

1. Price of unit offered \_\_\_\_\_
2. Delivery date to the Town of Clintwood \_\_\_\_\_
3. Equipment meets or exceeds the specification listed \_\_\_\_\_

**Garbage Truck Specification**

**Purpose:** The purpose and intent of this invitation for bid (IFB) is to hydraulically powered rear loading refuse collection body with the following minimum requirements considered necessary to perform the work assigned. The packer body will be the product of a manufacturer actively engaged in production of rear loading refuse collection equipment and will embody their latest improvements in design and construction. Complete parts/service manuals for model packer unit provided must be furnished to the master mechanic.

If you meet the following specifications please circle "yes". If you have any deviation to the specifications please circle "no" or explain the deviation in complete detail on a separate piece of paper. Each bidder is required to fill in every blank failure to do so can be used as a basis for rejection of your bid.

**I. BODY:**

**Capacity:** the body shall have a minimum capacity of 20 cubic yards. The capacity of the body shall be determined without regard to the capacity of the hopper of the tailgate. Must be capable of packing 900 pounds per square yard of household

garbage.....Yes-No

**Construction:**

**Sidewalls:** the body of the sidewalls shall be constructed from 11 gauge high tensile steel reinforced with J vertical formed channel braces. The sidewall sheets shall be joined to the sidewalls be external continuous seam welds.

**Curved shell body is not acceptable in this bid.** .....Yes-No

**Floor:**

**Upper Floor:** The upper floor shall be constructed from 10 gauges high tensile steel reinforced with 3 lateral formed crossmembers.....Yes-No

**Trough:** The trough floor shall be equipped with 2 ejection panel guides constructed from 6 inch steel structural channel. The guides shall extend the full length of the body located in the trough of the body floor.....Yes-No

**Flat Floor is not acceptable in this bid.**.....Yes-No

**Roof:** The body roof shall be constructed from 11 gauge high tensile steel reinforced with 3 lateral formed crossmembers. The roof sheets shall be joined to the roof by external continuous seam

welds.....Yes-No

**Tailgate:**

**General:** The tailgate shall be mounted on the rear of the body. The tailgate shall rotate on 2 hinges located on the upper perimeter of the tailgate equipped with replaceable pins. The tailgate shall be raised by 2 hydraulic cylinders. The low inside perimeter of the tailgate shall be equipped with a replaceable, watertight seal.....Yes-No

**Hopper Capacity:**

The hopper of the tailgate shall have a capacity of 3.2 cubic Yards.....Yes-No

**Dimensions:**

**Hopper Loading Sill Height:** The hopper loading sill shall have a height of 4 ½ inches lower than the top of the frame of the chassis.....Yes-No

**Hopper Inside with:** The hopper opening shall have a height of 62 inches.....Yes-No

**Hopper Opening Height:** The hopper opening shall have a height of 62 inches.....Yes-No

**Tailgate Shell:** The tailgate shell shall be constructed in two sections being hinged to provide access to all moving parts within the tailgate.....Yes-No

**Construction:** Sidewalls: The sidewalls shall be constructed from 3/16 inch high tensile steel

**Pump:** The pump shall be a single gear type delivering 48 GPM at an RPM of 1800....Yes-No

**Control Valves:** The main control valve and the tailgate (packing mechanism) control valve shall be sectional types.....Yes-No

**Hoses and fittings:** The hoses shall be double braid wire reinforced with a burst pressure to operating pressure ratio of 4 to 1. All hose fittings shall be JIC female swivel or NPT male.....Yes-No

Sweep and Packer Cylinders packing kits must be interchangeable.

**Underbody Oil Reservoir:**

Capacity: the oil reservoir shall have a capacity of 40 gallons.....Yes-No

The oil reservoir shall be equipped with the following:

Internal baffling to enhance oil flow and heat dissipation.....Yes-No

A magnetic trap extending into the reservoir to collect metal particles which particles may enter the hydraulic system.....Yes-No

An oil level sight gauge to permit visual determination of the oil level in the reservoir. The sight gauge shall have a 2 inch diameter window with a reflective background and a floating ball to indicate the oil level in the reservoir.....Yes-No

A filler-breather cap capable of straining oil as it is poured into the reservoir, and capable of providing 35 cubic feet of air breathing capacity.....Yes-No

A removable clean out port equipped with a replaceable oil tight seal.....Yes-No

**Controls:**

**Packing Mechanism Controls:** positive lever controls shall be located on the curbside of the tailgate to actuate the packing mechanism. The controls shall be capable of actuating the sweep blade and the slide plate independently. Actuation of the controls shall automatically accelerate the engine of the chassis to the proper RPM to operate the body.....Yes-No

**Compaction rate:**

Must be capable of packing 900 lbs. per square yard of household garbage.....Yes-No

**Optional equipment includes the following:**

1. 14,000 lb. Reeving Cylinder Winch, 3" container Attachment.....Yes-No
2. Hot Shift PTO.....Yes-No
3. Direct Mount P50 Hyd. Pump.....Yes-No
4. Rear Splash Guards.....Yes-No
5. Rear Vision Camera.....Yes-No
6. 2 ea. LED Strobe Lights mounted on Front of body and tailgate.(4 total).....Yes-No
7. Smart Light Package.....Yes-No
8. Painted White to match Cab.....Yes-No
9. Rear Hopper Floor Liner Installed.....Yes-No

MINIMUM SPECIFICATIONS FOR ONE NEW 2021 OR NEWER SINGLE- AXLE REAR LOADING GARBAGE TRUCK, ALL BIDS MUST BE EQUAL TO OR EXCEED THE FOLLOWING CONDITIONS:

PRICE QUOTED SHALL INCLUDE TRANSPORTATION CHARGES FULLY PAID TO THE LOCATION DESIGNATED AS THE DELIVERY ADDRESS.

BIDDER SHALL PROVIDE PREPAID TITLE APPLICATIONS (WHERE APPLICABLE) ON ALL UNITS BID.

THESE SPECIFICATIONS ARE DESCRIBING & STATING THE MINIMUM CAPACITIES, MATERIAL THICKNESS AND QUALITIES NEEDED AND REQUIRED TO PERFORM A CERTAIN JOB. ANY BIDS SUBMITTED NOT MEETING ALL OF THESE MINIMUM SPECIFICATIONS WILL BE REJECTED.

ALL BIDS MUST BE SIGNED AND DATED. ALL BIDS MUST INCLUDE DELIVERY DATE AND PUTTING THE EQUIPMENT INTO SERVICE. ALL EQUIPMENT MUST BE AT LEAST A NEW 2021 MODEL YEAR TRUCK

| <b>Truck Chassis Specifications:</b>                              | <b><u>YES</u></b> | <b><u>NO</u></b> |
|---|-------------------|------------------|
| Engine Cummins 8.9 liter, 330 HP, 1000 ft. lbs torque             | _____             | _____            |
| Engine must meet all 2020 EPA requirements without using credits  | _____             | _____            |
| Alternator to be at least 160 AMP                                 | _____             | _____            |
| Air Compressor to produce at least 18.7 CFM                       | _____             | _____            |
| Jacobs 3 stage Engine Brake                                       | _____             | _____            |
| Allison 3500 RDS Transmission                                     | _____             | _____            |
| Rear Axle Ratio Equal to at least 75 MPH                          | _____             | _____            |
| 12,000 lb. Front Axle with power steering                         | _____             | _____            |
| 12,000 lb. Front Suspension with shock absorbers                  | _____             | _____            |
| 26,000 lb. Rear Axle with Bendix 4S/4M ABS brake system           | _____             | _____            |
| 31,000 lb. Reyco Rear Spring Suspension                           | _____             | _____            |
| Rear Axle Brake Chambers to be Mounted to Front Side of Axle      | _____             | _____            |
| Automatic Slack Adjusters   | _____             | _____            |
| Driver Controlled Differential Lock                               | _____             | _____            |
| Maximum 211" Wheelbase with 143" CA                               | _____             | _____            |
| Rear Suspension with helper springs & heavy duty rear crossmember | _____             | _____            |
| Single Frame with minimum RBM 1,776,000 lb-in per rail            | _____             | _____            |
| Radiator to be at least 1000 Square Inches                        | _____             | _____            |
| At least (2) Batteries, Group 31, 1400 CCA's                      | _____             | _____            |

|  |       |       |
|--|-------|-------|
| All Steel Wheels - front & rear  | _____ | _____ |
| 11R22.5 16 ply Tires Front steer and 11r22.5 14 ply Rear traction              | _____ | _____ |
| Cab Color and Bumper Painted White. Frame should be black                      | _____ | _____ |
| Piano Style Stainless Steel Door Hinges  | _____ | _____ |
| Electric Door locks LH/RH  | _____ | _____ |
| RH under cab SCR with single side of cab vertical exhaust, no Horizontal style | _____ | _____ |
| Engine block heater, 1000 watt 120 volt  | _____ | _____ |
| Fuel Water Separator   | _____ | _____ |
| Horton 2-speed fan hub   | _____ | _____ |
| Steel painted bumper with 2 removable tow hooks                                | _____ | _____ |
| Minimum 56 aluminum fuel tank w/11 gallon DEF tank on Drivers Side             | _____ | _____ |
| Battery Box Mounted RH Side  | _____ | _____ |
| Tilt & telescoping steering wheel  | _____ | _____ |
| AM/FM/weather band radio   | _____ | _____ |
| Factory Air Conditioning   | _____ | _____ |
| (2) Corner windows on cab measuring at least 17.5in. X 16in. for increased     |       |       |
| Driver Visibility and Safety   | _____ | _____ |
| Air Horn mounted underneath Cab  | _____ | _____ |
| Hood Mounted Mud Flaps on Fenders  | _____ | _____ |
| Heated west coast style mirrors with 8 ½" convex spot mirrors                  | _____ | _____ |
| Single RH 8 ½" convex spot mirror mounted over passenger door                  | _____ | _____ |
| Mirrors to be mounted to cowl and cab, not on door                             | _____ | _____ |
| Headlamps Halogen Projector Style  | _____ | _____ |
| Air Dryer Bendix AD-SP heated (Mounted under hood to frame)                    | _____ | _____ |
| Exterior Painted Sunvisor with Marker Lights                                   | _____ | _____ |
| Interior to be Vinyl Interior  | _____ | _____ |
| Driver seat air suspension intermediate back with air lumbar support           | _____ | _____ |
| Passenger seat to be (2) Person Bench Style Seat                               | _____ | _____ |

|   |       |       |
|---|-------|-------|
| Passenger side door "peeper" window                                   | _____ | _____ |
| (3) Spare Switches installed in Dash                                  | _____ | _____ |
| Exterior Mounted Grab Handles on Cab                                  | _____ | _____ |
| Interior Mounted Grab Handles located near Windshield Post (A Pillar) | _____ | _____ |
| Air tanks to have pull cable for drain                                | _____ | _____ |
| 5 Keys Total  | _____ | _____ |
| Cab interior slate gray with vinyl headliner                          | _____ | _____ |
| Self-cancelling turn signal switches                                  | _____ | _____ |
| Manual LH & electric powered RH door window                           | _____ | _____ |

**CHASSIS WARRANTY:** BASIC WARRANTY SHALL BE A MINIMUM OF 1 YEAR. \_\_\_\_\_

**ALL PRICES SHOULD EXCLUDE FEDERAL, STATE AND LOCAL TAXES.**

**STATE DELIVERY TIME, NOTE DELIVERY TIME WILL A FACTOR IN DETERMINING BID AWARD.**

**ANY EXCEPTIONS TO THESE DETAILED SPECIFICATIONS SHOULD BE NOTED ON A SEPARATE LISTING WITH SUBSTITUTE COMPONENT SPECIFICATIONS.**

**TOWN OF CLINTWOOD, VA RESERVES THE RIGHT TO ACCEPT OR REJECT ANY AND ALL BIDS.**

**BID AMOUNT:**

**SINGLE AXLE REAR LOADING GARBAGE TRUCK TOTAL \$ \_\_\_\_\_ (EACH)**

**DELIVERY TIME OR DATE:** \_\_\_\_\_.

**SIGNED:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**BY:** \_\_\_\_\_

**COMPANY NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP:** \_\_\_\_\_

**PHONE:** \_\_\_\_\_