

Town of Summerville

26,000# Debris Truck (Non-CDL) Specifications



Summerville Street Department

Prepared by Daniel S. Corbin

CALL FOR BID

Sealed bids proposals will be received by the Town of Summerville office of Finance until 10:00AM on Thursday October 17, 2019, at which time bids will be publicly opened and read. Opening will be held in the training room of the Summerville Town Hall Annex, 200 S. Main St. Summerville, SC 29483.

Bids will be for the purpose of furnishing the Town of Summerville with one (1) 26,000# Debris Truck with dump body and related equipment. A copy of the instructions to bidders and specifications are included in this package.

The Town of Summerville reserves the right to reject any and all bids, to waive all formalities and to award the contract, as it appears to be in the best interest of the Town of Summerville. The right is also reserved to hold any and all bids for a period not exceeding sixty days (60) days from the opening thereof.

Questions concerning the equipment specifications may be directed to:

***Mark Campbell, Streets Manager, Town of Summerville (843) 851-4114**

All bids must be sealed and submitted to:

Attn: Krista Collins, Purchasing Coordinator
The Town of Summerville
200 S. Main Street
Summerville, SC 29483

With the package marked as **“26,000# Debris Truck”**

Intent

The intent of these specifications is to cover the requirements of a **26,000# GVRW Debris Truck** that is sufficiently rated to transport a full load of debris at speeds up to 70 mph. For safety and comfort of the operator and for quick, local service along with local availability of repair parts.

1. The Cab & Chassis shall be equipped with:
 - a) Spring suspension on both axles
 - b) A/C / Heat
 - c) Power steering
 - d) Air brakes
 - e) Automatic transmission
 - f) All tires shall be same size and have dual tires on each side of the rear axle
2. The design of the unit shall incorporate the latest available technology and engineering capacities.
3. The unit shall be new of current manufacture. No prototype, demo, or used will be accepted.
4. All parts not specifically mentioned which are necessary to provide a complete 26,000# GVRW Debris Truck shall be included in the bid and shall conform in strength, quality of materials, and workmanship to what is normally provided to the trade in general.
5. Debris Truck shall meet or exceed all OSHA, federal and state regulations and requirements, and must meet manufactured year emissions requirements.

Each bidder must check either "Yes" or "No" for each section. If "Yes" is checked, bidder will be expected to supply exactly what is described. If "No" is checked, please provide a detail explanation of the deviation, no matter how minor it may be. If the bidder fails to respond either "Yes" or "No", the bid will be rejected for non-compliance.

**26,000# (non-CDL) Debris Truck
26,000 lb GVWR**

SPECIFICATION SHEET

Vehicle Summary:

Vehicle year: _____

Vehicle Make: _____

Vehicle Model: _____

Vehicle complies with all applicable federal laws.

Vehicle complies with all applicable state laws.

Vehicle complies with manufactured year emissions.

Frame & Wheelbase

Truck must have 230"-260" wheelbase, with C/A of 186"
(no exceptions)

80,000-psi yield frame minimum with necessary cross members for 20' dump body

Truck to have clean frame rails from back of cab to end of frame

Truck to have standard front bumper (full width)

Two frame mounted tow hooks

Engine

Engine shall be an electronic inline 6-cylinder diesel, turbo-charged with a minimum of 240hp/660lb/ft @ 1300 rpm of the manufacturers latest models and designs. Cummins engine preferred.

State Base or Optional Engine: _____

Extra Cost on optional engine (if applicable): \$ _____

Make, model and engine displacement: _____

Engine Equipment:

Cooling System compatible for **hot weather climate**

Engine's antifreeze shall be Zerex G-05 or equivalent

Engine to have electronic control, programmable upgrades

Engine to have a Horton Automatic Drive Master fan drive or equivalent

Make: _____ Model: _____

Engine to have spin on fuel filter(s).

Engine to have spin on oil filter(s).

Engine to have spin-on fuel/water separator

Engine to have a spin-on coolant filter

Engine to have a Donaldson single stage air cleaner or equivalent

Make: _____ Model: _____

Air compressor shall provide 15.2 CFM minimum

Engine shall be protected by an electronic engine integral shutdown system. A warning light will light, then after 30 seconds, engine shutdown shall occur if either the coolant, oil, or air intake temperature is too high or if the oil pressure is too low

Engine to have an air intake warmer

Engine to have a 12 volt starter

Make: _____ Model: _____

Transmission & Equipment:

Allison 2500 RDS 5-speed automatic transmission. Must include 'SCAAN'

Documentation with the bid to show approval by Allison Transmission for this application

Transmission shall have a Push Button Dash Mounted shift Pad with park brake position

Shall be equipped with water to oil transmission oil cooler

Transmission must have PTO mounting

Front Axle & Suspension:

Truck front axle shall be a Meritor 8,000lb minimum capacity, with tapered leaf springs

Make: _____ Model: _____

Truck front axle shall have 10,000 taper leaf front suspensions

Front axle shall have Air Front Disc Brakes.

Front axle shall have shock absorbers

Front axle shall be equipped with vented front hubs – “oil”, hub pilot

Front axle shall have C/R (Scot) or equivalent oil seals

Make: _____ Model: _____

Steering:

Truck shall have TRW TAS-55 frame mounted power steering or equivalent

Make: _____ Model: _____

Truck shall have see-through Power Steering Reservoir

Rear Axle & Suspension:

Rear axle shall be a Meritor 18,000lb capacity single speed

Type: _____ Weight: _____

Truck shall have 21,000lb variable rate multi leaf springs

Rear axle shall have Air Disc Brakes.

Truck shall have Stabilizer Bar

Rear axles shall have C/R or equivalent oil seals

Make: _____ Model: _____

Rear axle ratio to be 4.88, Rear axle ratio compatible to 70mph

Rear axles are to be Hub Pilot

Tires, Hubs & Wheels:

Front tires shall be Michelin, XZA2 or equivalent, 11Rx22.5, 14 ply radial on STEEL wheels

Make: _____ Model: _____

Rear tires to be Michelin, XDE2 or equivalent, 11R22.5, 14 ply radial on STEEL wheels

Make: _____ Model: _____

Wheels are to be one (1) piece rims, White

Wheels to be 10 hole, hub pilot

Make: _____ Model: _____

Brake System & Equipment:

Truck shall have Dual Air Brake System

Truck to have a Bendix 550 13.2CFM Air Compressor (minimum) w/Bendix AD-9
Air Dryer w/heater

Make: _____ Model: _____

Truck shall have Automatic Drain Valves – ALL TANKS

All Dump Body air plumbing to be nylon (if Applicable)

Truck shall have Valve Parking Brake System w/Warning Indicator

Fuel Tank:

Truck shall have minimum one (1) 50 gallon LH mounted fuel tank, mounted under driver
entrance door

Capacity: _____ Location: _____

Cab Interior:

Two spoke steering wheel

Manual door and window regulators.

Standard Bench Seat - passengers seat x 2 (vinyl)

Air ride, mid/high back driver's seat (vinyl)

Three point driver and passenger seat belts and retractors.

Center lap belt for center (3rd) passenger

LH/RH interior sun visors

Black rubber floor mat

Heater, Defroster and Air conditioner shall be provided

AM/FM radio

Interior color: Gray

Is Cab Air Ride or Rubber mounted? _____

Automatic self-reset Circuit breakers

Door activated dome light

Electric windshield wiper motor w/delay

Cab Exterior:

Cab to have torsion spring tilt mechanism

Standard tinted glass

Dual SST West Coast Mirrors

Exterior color: White base coat clear coat paint

LH/RH 5.5" Convex Mirrors mounted under Primary Mirrors

Door/ignition locks to be keyed alike

Cab to have grab handles on RH & LH, behind doors

Electrical, Instruments & Controls:

Alternator shall be 12 volt 145-amp minimum Leece Neville

Electronic Speedometer

Electronic Tachometer with hour meter

Regeneration Switch on Dash

Battery Voltage Gauge on Dash

Dual air pressure gauges

Low Air Pressure Light & Buzzer

Engine coolant temperature gauge

Electric _____ (or) Mechanical _____

Engine oil pressure gauge

Electric _____ (or) Mechanical _____

Fuel level gauge

Exhaust Diesel Fluid gauge on dash

Transmission oil temperature gauge/light

Dash mounted Hot Shift PTO control w/indicator light

Dash mounted air restriction indicator

9 pin Diagnostic Interface Connector located below dash

Engine to be equipped with low oil, high coolant temperature and low coolant level automatic shut down system

Make of system: _____

Battery Box

Truck to have a battery box with easy access behind cab entrance doors

Location: _____

Two maintenance free batteries shall be provided with 1300 CCA

Body: Dump

- 20' Flat Bed Dump
- 44" Permanent Sides 1/8" Thick with 4x4x1/4" Square Tubing for Top Rail and a hole/slot @ base of tubing/Bed to drain water.
- Twin Cylinder Hoist with Built in Stabilizer (5 year Warranty)
- Hot Shift PTO - Dash
- Air Operated Pump with Switch in Dash
- 3/16" Smooth Floor One Solid Piece
- 3" Structural Channel Cross Members on 12" Centers
- 8" Structural Channel Longsills
- 4" Structural Rub Rails
- 2pc Barn Door Gates with 2-Cam Locks/one on each door
- 2 each – one 4' section of 2" Tube/Pipe @ 30-35 degree angle facing up and recessed 12" back on front body/cab facing edge to insert one (1) yard rake on each side of body.
- Heavy Duty Aluminum Electrical Tarp Donovan Flash with 30 degrees Bend with Mighty Mesh Tarp
- ICC Bumper
- 1/2 Cab Shield
- Color: Silver – (2000 Toyota)

Warranty

(State Years and Mileage of Warranties listed below)

Base Engine **Warranty:** _____Base Transmission **Warranty:** _____

Drivetrain (Axles, Differentials, Driveshaft(s) Warranty: _____

Truck Warranty: _____

(please provide all documentation on the engine, transmission and warranty on separate sheet)

The truck warranty shall include the following:

- No Cost (\$) will be charged to the Town of Summerville if truck is towed to Dealership. (During the warranty period)
- No cost (\$) will be charged to the Town of Summerville for freight of parts or any other cost incurred by the Dealer under warranty.

Dealer to State/List any and all warranties that may apply to above listed
TRUCK and mileage/time frame of the warranties:

Dealer to List /State any extended warranties available that may be purchased and **cost \$ of warranties**

After Sales Service and Support:

Dealer, or an authorized representative of the Dealer, shall have a parts distribution and repair facility to supply after sales support.

The repair/parts facility to have sufficient inventories to deliver to Town of Summerville, the parts needed for repairs, by Town of Summerville or the facility, with in 72 hours of order (except holidays and weekends), other than structural components.

If Dealer cannot deliver/supply parts within the 72-hour time frame, a 10% charge back of parts ordered will be imposed.

Dealer to have a factory trained technician available to perform timely repairs, response time to be 48 hours or less.

During the warranty period (standard or extended) the Dealer shall perform all repairs in a timely matter (response time to be 48 hours or less), all repair parts for warranty shall be provided with in the 72 hour time frame.

Town of Summerville reserves the right to inspect the Dealer's facilities, inventories and equipment and request a list of current customers as reference.

Town of Summerville reserves the right to reject any bid submitted at the sole option of Town of Summerville, that the Dealer may not be able to meet the service requirements of the bid.

Dealer to provide the contact person and address for parts and service.

Dealer will state how long he has been in business in local area.

An unconditional 30-day guarantee shall be submitted on the bidder's letterhead stating, "If the Debris Truck fails to perform under its intended use and fails to operate because of extended downtime and repairs, the Town may reject the proposed equipment within 30 days after delivery, a full refund including freight." No exceptions to this requirement.

Delivery shall be included in the cost of the unit.

Complete Parts, Operating, and Service manuals for the Vehicle, Trans and engine shall be supplied on 1 set(s) of cd-rom(s) and 1 set(s) of books at delivery. **No Exceptions**

Dealer to state delivery date:

***No bid will be considered if left blank. ***

Dealer to deliver truck to Town of Summerville, Street Department,
1105 Yancey Street, Summerville, SC 29483

Bid submitted by:

Name of company

Street address

City, state, zip

Telephone number

Authorized signature of bidder

Printed name of above individual

Date

*****No bid will be considered if not signed and dated.*****

BID EVALUATION

Bids will be evaluated using the following criteria:

- * Cost of bid.
- * Compliance with our specifications.
- * Delivery Date.
- * Operation and maintenance cost of equipment.
- * Life cycle cost of equal equipment.
- * Performance of equipment in actual operating conditions.
- * Availability of parts and service.
- * Prior experience with Dealer and his product.
- * Parts Availability.

INFORMATION

Any questions concerning the above specifications contact:

Daniel Corbin, Department Head

Fleet Maintenance OPS

Phone 843-851-4117

E-mail: dcorbin@summervillesc.gov