

Specifications for Single Axle 33,000 GVW Dump Truck
Adams County Road Department December 2021

Equipment offered for consideration must be new 2023 or greater. Used, demonstrator, or discounted models are unacceptable. Bidders shall include printed literature for the equipment offered.

The following specifications are considered minimum acceptable.

ENGINE & EQUIPMENT

New & Unused 2023 or Newer

Conventional 2.1meter Cab

ENGINE & EQUIPMENT

Wet sleeve engine w/ 330 HP or greater with turbo exhaust brake

1000lb/ft Torque or greater

Oil cooler

Aluminum flywheel housing

18.7 air compressors or greater

Dry-type firewall mounted air cleaner with filter restriction indicator

2-Speed fan hub

1000 sq/in Cooling module or greater

Horizontal or Vertical Series Exhaust

2 spare switches wired to power

Fleet guard filter/water separator

Engine block heater (120 volt minimum)

160 AMP Alternator

Three (3) batteries – 2100-2190 CCA dual purpose

12-Volt light system with circuit protection

12-Volt Starter

Body builder harness to end of frame

TRANSMISSION & EQUIPMENT

Allison 3000RDS series 6-speed automatic transmission with PTO provisions

Heat exchanger

Oil level sensor

Transmission PTO Rear Support Spring(s)

Driveline: 2 Dana Spicer 1710, 1 center bearing or equal

Torque converter

Park brake auto neutral

FRONT AXLE & EQUIPMENT

12k or greater front axle, Dana Spicer or equal Meritor Brand

16 ½" x 5" Cast drum brakes

Aluminum 10-bolt hub pilot LMS hubs with hub caps

Front oil seals

Front slack adjusters

12k. or greater Taper leaf front springs

Front shock absorbers

Single gear power steering

REAR AXLE & EQUIPMENT

21k or greater rear axle

Rear axle ratio: 5.29-5.57

16 ½" x 7" Cast drum brakes

Iron 10-bolt hub pilot hubs

Rear slack adjusters

Diff Locks on both axles no exceptions

Single spring brake 3030

Bendix 4S/4M Anti-lock brake system

21k. rear suspension or greater

TIRES & WHEELS

Front tires: 11R22.5 14PR

Rear tires: 11R22.5 14PR

Front wheels: Steel Wheels

Rear wheels: Steel wheels

FRAME & EQUIPMENT

10 5/8" x 5/16" Steel frame

1,776,000RBM or greater

120,000 PSI Yield steel

Section modulus: 14.80 in

Aerodynamic bumper, painted

Two removable front tow hooks

FUEL TANK(S) & EQUIPMENT

75 Gallon minimum or greater aluminum fuel tank

Minimum of 14 Gallon DEF tank; LH mount no exceptions

CAB & EQUIPMENT

Aluminum Air Ride Cab

Heater with integral defroster and A/C

Adjustable telescoping tilt steering column (no exceptions)

Dash mounted air filter restriction gauge

Transmission oil temperature gauge

Tachometer

Fuel gauge

Engine coolant temperature gauge

Engine oil pressure gauge

Voltmeter

Engine hour meter

Primary and secondary air restriction gauges

DEF fluid level gauge

Air driver seat

passenger seat

AM/FM/WB/USB/BT Radio Must have Bluetooth

Cab access grab handles, LH & RH

Daylight doors with RH peeper window

Air horn; LH top of room mount

Heated mirrors

LH and RH power windows

Dual halogen headlights

Exterior Stainless steel sun visor

Fender mounted turn signal lights

Circuit breakers replacing all but 5-amp fuses

Bendix AD-IS air dryer, heated; mounted LH rail back of cab

Moisture drain valve with pull cable drain

PAINT

Color: black cab with black body

WARRANTY

Full machine warranty for the duration of the lease, including any and all travel time and millage

BUYBACK

The guaranteed buy back provision at the end of (3) year will be a factor in determining the lowest and best bid.

Body Specifications:

High lift tail gate

9 Cubic Yardage capacity

Maverick Style Body

12ft body

****Must Include tarp system with 30ton min pintle hitch**

Other

Bidder shall have a certified parts and service center located within 50 miles of Natchez, MS Adams County or have mobile service capability. There will be no travel charge for mobile service.

This contract shall be valid for (1) one year from date of bid.

Must have one unit complete and delivered prior to the end of the third quarter of 2022.

Cost must include delivery to one of the county barns.