

Specifications for Tandem Axle 56,000 Dump Truck
Adams County Road Department November 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

Conventional 2.1m Cab

ENGINE & EQUIPMENT

360 HP Engine or greater with turbo exhaust brake

1150 lb./ft Torque or greater

9 Liter Engine liter displacement or greater (no exceptions)

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

Radiator bug screen on back side of hood grill

Single vertical SOC tailpipe, RH with DPF/SCR right side under cab

2 spare switches wired to power

Fleet guard filter/water separator

Engine block heater (120 volt minimum)

160 AMP Alternator brushless w/battery voltage sense

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

12-Volt light system with circuit protection

12-Volt Starter

2 Battery disconnect switch

Jump Start Terminals mounted under hood

TRANSMISSION & EQUIPMENT

Allison 3000RDS series 6-speed automatic transmission

Heat exchanger

Oil level sensor

Transmission PTO Rear Support Spring(s)

2 Standard duty drivelines, 1 center bearing

Torque converter

Park brake auto neutral

FRONT AXLE & EQUIPMENT

18k or greater front axle, Dana Spicer E-10021L or equal Meritor Brand

20k Air brake package or greater

16 ½" x 6" Turn Lite brakes

Aluminum 10-bolt hub pilot LMS hubs with hub caps

Front oil seals

Front slack adjusters

20k. or greater Taper leaf front springs

Front shock absorbers

Dual gear power steering

REAR AXLE & EQUIPMENT

40,000 lb. Rear axle, or greater

16 ½" x 7" Cast drum brakes

Iron 10-bolt hub pilot hubs

Rear slack adjusters & Diff Locks

Rear oil seals

Single spring brake 3030

Bendix 4S/4M Anti-lock brake system

40k. Chalmers dual suspension (no exceptions)

TIRES & WHEELS

Front tires: 315/80R22.5 20PR

Rear tires: 11R22.5 14PR

Front wheels: Alum Wheels

Rear wheels: Alum wheels

FRAME & EQUIPMENT

10 3/4" x 3/8" Steel frame

2,132,000RBM or greater

120,000 PSI Yield steel

Section modulus: 17.80 in³

Aerodynamic Chrome Bumper

Two removable front tow hooks

FUEL TANK(S) & EQUIPMENT

80 Gallon minimum or greater aluminum fuel tank (no exceptions)

Minimum of 14 Gallon DEF tank; LH mount no exceptions

CAB & EQUIPMENT

Aluminum Air Ride Cab (no exceptions)

Heater with integral defroster and A/C

Adjustable telescoping tilt steering column w/smart wheel (no exceptions)

Dash mounted air filter restriction gauge

Transmission oil temperature gauge

No dog house protruding inside cab (no exceptions)

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 HB seat w/dual armrests

Air Passenger HB seat

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

Cab access grab handles, LH & RH

Daylight doors with RH peeper window

Air horn; Dual LH/RH Roof Mounted

Heated mirrors

Electric LH/RH door window

Dual halogen headlights

Exterior Stainless steel sun visor

Fender mounted turn signal lights

Circuit breakers replacing all but 5-amp fuses

Bendix AD-HF air dryer, heated; mounted RH rail back of cab

Moisture drain valve with pull cable drain

Full Truck Kit (no exceptions)

PAINT

Color: Chassis Black to have a 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

Yardage 14/16

Body Style Stampede (no exceptions)

Body Length 15'

Front Height 56

Side Height Front 48

Side Height Rear 48

Rear Height 54

Material: PLATE-1/4- AR450 material for side, front, tailgate and floor no exceptions

Skirt Material: SHEET-7GA-A36

Tarp System

Pintle Hook (tow package with glad hands)

Vibrator (no exceptions)

Air Tailgate kit (no exceptions)

Paint: Black to match Black cab

Full Truck kit – with glad hands at the rear (towing package).

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

Delivery

Cost must include delivery to one of the county barns.

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