

City of Jackson
Specification Proposal for New
Heavy-Duty Conventional Two-Axle Dump Truck

Truck Configuration/End Dump Body	Exp Frt. Axle Load 20,000#
Body Length 14.0' 12/14YD	Exp Rear Axle Load 40,000#
106" BBC Set-Back Axle Truck	Exp GVW Capacity 60,000#

Engine: Heavy Duty 6 Cylinder Diesel
Horsepower: 370HP w/ 1250 lb/ft torque – 2017' SCR Emission Engine
Engine Brake: Exhaust and Turbo Brake
Exhaust System: Right Hand Horizontal After treatment Device with Vertical Cab Mounted Tailpipe.
DEF: 13 Gallon DEF tank
Batteries: (3) 12 Volt / 2280
Compressor: 18.7 CFM
Radiator: Heavy Duty Radiator
Transmission: Allison 3500 RDS
Front Axle: 20,000# with Dust Shields
Front Suspension: 20,000# with Front Shock Absorbers
Rear Axle: 40,000# with Driver-Controlled Traction Differential Both Axles Including HD Iron Rear Axle Carriers, Synthetic Oil
Main Driveline: 18N and I/A Driveline 17N
Rear Suspension: 40,000# Non-Walking Beam Articulating Suspension (i.e. Camelback Chalmers, Tuftrac, T-Ride)
Brake Package: Air with Anti-Lock Braking System. Electrical Wiring and Air Lines plumbed to end of frame for Pintle hitch application.
Air Dryer: Bendix AD-9 with Heater and Drain Cables
Wheelbase: 178" W/ 63" Rear Frame Overhang or applicable for body specified.
Frame: C-Channel Reinforcement / 120,000 PSI
Tow Hooks: Front Tow Hooks and Steel Bumper
Fuel System: 80-Gallon Capacity Aluminum w/ F/W Separator with Indicator Light
Tires-Wheels: Highway Tread 315/80R22.5 20 ply. 22.5 X 9.00 Front Five Hand Wheel
Traction Tread 11R22.5 14 ply. 22.5 X 8.25 Rear Five Hand Wheel
Bug Screen: Mounted Behind Grille
Air Horns: Dual 24" w/ Dual Base
Primary Mirrors: S.S. 7" X 16" West Coast w/ 8" Convex LH/RH Mirrors
Tinted Glass: All Windows
Ash Tray: Dash Mounted Ash Trays and Lighter
Air Conditioner: Factory Heater and Defroster w/ Air Conditioning
Driver Seat: High-Back Air Suspension
Passenger Seat: Mid-Back Non-Suspension
Gauges: Low Air Pressure Warning Light and Buzzer, Backup Alarm, Cruise Control, Engine Oil Temperature Gauge, Engine Oil Pressure Gauge, Speedometer / Tachometer
Radio/CB: AM/FM Stereo / CB Radio Provision: Power & Ground Terminals / Antenna

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General Chassis Requirements:

- Must include PM plan for 5yrs/250,000 miles. All required maintenance, filters, and labor to be performed by selling dealer. Yes _____ No _____
- Must include 5yrs/250,000 mile Basic Vehicle warranty. Yes _____ No _____
- Must include 5yrs/250,000 mile warranty on all Major Components (Engine, Transmission, Axles). Yes _____ No _____
- Must provide Towing/Roadside Service for (5) years Yes _____ No _____
- Must provide parts/warranty/service on chassis within (60) mile radius.
- Outline all Warranties and Coverage.
- Provide State Inspect and DOT Inspect.
- Must provide On-Site Training to focus on New 2010 emission standards and processes.
- Must provide Towing/Roadside Service for (5) five
- Truck to be Camel Brown in color.

Dump Body Specifications

Capacity:	12/14 YD
Length:	14'
Side Rails:	2x6 Steel
Tailgate:	Air Latch
Apron:	8" Weld On
Paint:	Standard Black
PTO:	Air Shift

*Must include 45 Ton Pintle Hitch to pull equipment trailer.


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