

**BID SPECIFICATIONS**  
**HEAVY DUTY DUMP TRUCK CHASSIS - OPTION B**  
**FREIGHTLINER M2 112**  
**\$99,301.00 (INCLUDING OPTIONS)**

**GENERAL**

These specifications shall be construed as the minimum acceptable standards for a heavy duty dump truck chassis. Should the manufacturer's current published data or specifications exceed these standards, the manufacturer's standards shall be considered minimum and shall be furnished. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished. Additionally, the machine offered for bid shall include all standard manufacturers' equipment.

The use of specific names or numbers in the specifications is not intended to restrict the bidder or any seller or manufacturer, but is intended solely for the purpose of indicating the type, size, and quality of equipment considered best adapted to the uses of counties participating in this joint bid.

Note all units offered for bid must be of manufacturer's current production model and meet EPA US07 emission standards and include the appropriate diesel particulate filter exhaust after treatment system. Units offered meeting EPA US04 will not be accepted.

**BID SUBMITTAL FORM**

Each bidder must submit his or her bid on the Bid Submittal Form included in the invitation to bid package. All written warranties to be submitted shall be attached to the Bid Submittal Form.

**BID PRICE**

The price bid shall include all destination charges, delivery charges, title fees, rebates and all other applicable costs and refunds.

**REPLACEMENT PARTS AVAILABILITY**

Parts must be available for 5 years or 500,000 miles of use for the piece of equipment bid.

**WARRANTY**

Bidders shall submit a copy of the manufacturer's standard warranty along with a complete explanation of the warranty with their bid. Warranty must include minimum power train coverage for three (3) years and or 300,000 miles. Warranty shall be transferable.

**ASSEMBLY AND DELIVERY**

The truck chassis will be purchased for use with a 16’ dump body and optional body equipment that is to be bid separate and apart from the truck chassis. The dump body company will be responsible for assembly and installation of the dump body and related optional equipment, including the cost of the same. The selling truck chassis dealer will be responsible for delivery of the chassis to the dump Body Company for installation and for delivery of the complete dump truck unit to the county following installation and assembly of the dump body and related options onto the truck chassis. Freight to and from the dump Body Company will be included in the truck bidder’s proposal. Dump body installation and assembly costs will be included in the dump body bidder’s proposal.

**DOT INSPECTION AND SAFETY EQUIPMENT**

Prior to delivery each unit shall be DOT inspected and include the appropriate documentation and decal. In addition each unit shall be equipped with the required fire extinguisher and reflective triangle kit.

**ENGINE AND RELATED COMPONENTS**

Shall be an in line 6 design 13 liter minimum, turbo charged diesel engine capable of developing 400 HP.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Aluminum core radiator with silicone hoses throughout and coolant protection to -10 degrees F.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Exhaust to be single vertical diesel particulate filter mounted on the passenger side with a bright finish heat shield.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Factory installed integral Engine Brake.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Engine electronics to have:

Full diagnostic capability

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Cruise control

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Road speed limiting

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Shutdown capabilities for critical engine functions.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

**STARTING AND ELECTRICAL SYSTEM**

12-Volt system fuse/circuit breaker protected

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

12V gear reduction starter, 12V 100 amp alternator

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

2 - 12V maintenance free group 31 batteries with 950 cold cranking amps each, batteries to be mounted in a single steel box.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

**TRANSMISSION AND DRIVELINE**

A manual ten- (10) speed overdrive design, Fuller 8LII or equal.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

PTO access gears with appropriate clearance.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Clutch 15.5" two plate ceramic coaxial (9) spring 6 pad dampened disc.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Main drivelines Spicer 1760 minimum / inter axle driveline 1710 minimum.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

# \_\_\_\_\_

### **CAB EXTERIOR**

Cab to be Class 8 designed for construction and vocational applications.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Cab doors should also have high visibility roll up style windows.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

The passenger side door window should have a **power** control.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Cab to be air suspended.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Cab should feature:

Dual air horns one on each side of cab in addition to the standard electric signal horn

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Headlights with replaceable halogen lamps

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Heated West Coast mirrors with 8" convex mirrors mounted below the West Coast mirrors

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Exterior sun visor painted to match cab color

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Cab glass to be safety tinted

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Cab to have grab or entry handles of both sides of cab

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Cab exterior and chassis to have all required DOT and ICC lighting (turn signal indicators, emergency flashers, rear stop, tail, turn and backup lighting.)

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

Hood is to be a full tilting fiberglass design with safety latch.

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

Cab and hood paint color to be selected from manufacturer's standard **non-metallic** paint chart.

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

**CAB INTERIOR**

Cab interior to include the following:

Ash tray

Yes \_\_\_ No \_\_\_

Page

# \_\_\_\_\_

Cigar lighter

Yes \_\_\_ No \_\_\_

Page

# \_\_\_\_\_

Coat hook(s)

Yes \_\_\_ No \_\_\_

Page

# \_\_\_\_\_

Dome light(s)

Yes \_\_\_ No \_\_\_

Page

# \_\_\_\_\_

Construction application cab

Yes \_\_\_ No \_\_\_

Page

# \_\_\_\_\_

Fleet interior

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Rubber floor covering/plus rubber floor mats

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Cab should have interior sun visors on both sides of cab.

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Dash features to include:

Cup holders

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Adjustable steering column with 18" Steering Wheel

Yes \_\_\_ No \_\_\_

Page

# \_\_\_\_\_

Air pressure gauge

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Voltmeter

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Fuel level gauge

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Engine oil pressure gauge

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Engine coolant temperature gauge

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Low air pressure indicator with light and audible signal

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Speedometer with odometer and trip odometer

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Tachometer with hour meter

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Transmission oil temperature gauge

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

High beam indicator and park brake indicator

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Cab seats should be:

Air Suspension Driver High Back with headrest Bostrom 914 or equal  
with High

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Back fixed Passenger seat

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Both with:

Required lap and shoulder belts

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Vinyl seat covering

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

Factory installed integral air conditioning with R134A refrigerant and rotary type

air conditioner compressor.

Yes \_\_\_ No \_\_\_  
Page

# \_\_\_\_\_

AM/FM radio with clock and weather band, two-way radio power leads with mounting plate on top of dash and dual factory installed C.B. antennas.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

# \_\_\_\_\_

Two additional dash mounted power outlets to be furnished.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

# \_\_\_\_\_

Windshield wipers to be two (2) speed electric with washer and intermittent feature.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

# \_\_\_\_\_

**AIR BRAKES**

Brake system to be antilock design with automatic traction control with dash mounted switch.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Air compressor should have 18 CFM capacity and increased air reservoir capacity for the local installation of a pusher style third axle.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

System to include an in cab control valve for rear service brakes.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Heated air dryer.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

**FRAME/BUMPER/FUEL TANKS**

Steel 120,000 PSI frame rails 11.81" x 4.13" x 0.437" with a section modulus of 26.3 and a RBM per rail of 3,160,000.

Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Adequate wheelbase to provide a 139" cab to axle and a 201" load platform. Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Heavy-duty cross members throughout. Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Front bumper steel swept back channel design with right and left hand bumper recessed tow hooks. Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Fuel tank(s) to be aluminum with a minimum of 115-gallon total capacity. Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

**FRONT AXLE**

18,000 # steel I beam axle with 18,000# multi leaf suspension Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

18,000# integral power steering Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Shock absorbers Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Unitized sealed (maintenance free) front wheel hubs. Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Meritor "S" cam design 16.5" x 6" Q+ brakes with:  
Outboard mounted drums Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Dust shields Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Automatic slack adjusters Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Front wheels to be steel hub piloted 22.5" x 12.25". Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Front tires to be Goodyear 18 ply 385/65R22.5 radials or equal. Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

**REAR AXLE**

46,000# capacity (4.42) ratio tandem rear axle with 46,000# construction type rear suspension, however no Reyco, air ride or T ride suspensions will be accepted. Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Power divider lockout controls must be provided. Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

Meritor "S" cam design 16.5" x 7" Q+ brakes with:  
Outboard drums

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

Dust shields

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

Automatic slack adjusters

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

Brake chambers shall be (4) 30/30 style chambers with raised chambers on rear axle.

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

Rear wheels to be Steel hub piloted 24.5 x 8.25.

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

Rear tires to be Goodyear 14 ply 11R 24.5 G164 traction radials or equal.

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

**OPTIONS**

In addition to the above options related to the tri axle or heavy-duty dump truck chassis, the bid must also include the cost for each of the following options, itemized separately on the bid:

Furnish, as an alternate transmission to the Manual 10 speed in the base bid, an Allison 4500-RDS-6 six speed automatic over drive Rugged Duty Series Gen 4 with transmission cooler, external oil cooler, internal filter, oil level sensor, temperature gauge and aluminum bell housing. Allison transmission to be factory filled with TRANSYND synthetic lubricant. Allison transmission low gear ratio = 4.70 and transmission high gear ratio = .67 over drive.

Yes \_\_\_ No \_\_\_

Page # \_\_\_\_\_

**NOTE:** Award will be made on the basis of the total cost of the truck chassis with all options included. However, a county may, at its discretion, deduct the above-referenced option from the truck chassis, and in such event, the cost of the option as stated on the bid shall be deducted from the total cost of the truck chassis. There shall be no other deductions and no additions made to the truck chassis by the purchasing county or by the vendor.

**OPTION COST SHEET  
HEAVY DUTY DUMP TRUCK CHASSIS -- OPTION B**

**Options**

**Option Price**

Allison 4500-RDS-6 six speed Automatic  
Transmission

\$11,931.00

**NOTE:** Award will be made on the basis of the total cost of the truck chassis with the option included. However, a county may, at its discretion, deduct the above-referenced option from the truck chassis, and in such event, the cost of the option as stated on the bid shall be deducted from the total cost of the truck chassis. There shall be no other deductions and no additions made to the truck chassis by the purchasing county or by the vendor.

# COUNTY JOINT BID PROGRAM

## PURCHASE PROCEDURES

Effective January 1, 2008

All purchases by counties pursuant to the County Joint Bid Program shall be made by (1) mailing or faxing the appropriate Purchase Order to the vendor who has been awarded the contract for the item to be ordered **and** (2) faxing a copy of the Purchase Order to the Association of County Commissions of Alabama (ACCA) office at 334-263-7678. Purchase Order Forms and all necessary information regarding the vendor and items available can be obtained at the ACCA website ([www.acca-online.org](http://www.acca-online.org)).

Each purchase order shall be signed by the person authorized by the county to sign and shall include the County Joint Bid Program Item Number. A copy of the form submitted shall be retained by the county.

The county shall deal directly with the company representative for the vendor in making purchases under this program. The vendor shall complete all orders in compliance with its agreement under the program, and shall deal directly with each county in processing and completing their orders and in complying with service and warranty requirements. Road sign vendors should keep in mind that they are required to deliver all items to the location identified by the county ordering them within thirty (30) calendar days from the date of order, and the cost of any items not delivered within this time period will be reduced in price by 10%.

It is important to remember that under *Code of Alabama 1975, § 41-16-50(b)*, all purchases made pursuant to this program shall be subject to the terms and conditions of Alabama's Competitive Bid Law. Therefore, counties are only authorized to purchase the specific items awarded under the program according to the bid specifications and must comply with these procedures in placing all orders.

There can be no deletions or additions to items purchased under this program, except as specifically provided for in the bid specifications. Optional equipment authorized under the bid specifications on certain heavy equipment orders may be deleted by the county at the time of purchase, and in that event, the cost of that item as provided by the vendor shall be deducted from the total cost of the item.

