

**BID SPECIFICATIONS  
FOR  
HEAVY DUTY DUMP TRUCK CHASSIS - OPTION B  
7600  
\$105,400.00 (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 must be fully compliant with EPA standard US10 without the use of EPA engine credits. Chassis should be equipped with the appropriate diesel particulate filter and SCR after treatment system.

**BID SUBMITTAL FORM**

Each bidder must submit his or her bid on the Bid Submittal Form included in the invitation to bid package and include last date purchase order can be accepted for delivery date no later than December 31, 2012. 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 be transferable. Warranty must include the following minimum coverage:

Basic Vehicle: 1 Year or 100,000 miles

Diesel Engine: 2 year or 250,000 miles. However, counties will have the option to purchase additional coverage (an extended warranty) if negotiated between the purchasing county and successful bidder within the first 9 months of truck purchase.

Transmission: 3 Year or 300,000 miles

Rear Carriers: 3 Year or 300,000 miles

**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, overhead cam, turbo charged diesel engine capable of developing 425HP @1900 RPM with a torque rating of 1,570 FT# @ 1200 RPM.

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

Engine shall have full wet replaceable cylinder liners, fuel injection system to be equipped with a unit pump or unit injector style.

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

Air intake system shall have a single dry element with a restriction indicator.

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

Turbo air shall flow through a chassis mounted charge air cooler, engine cooling system to have a minimum 1,000 square inches of frontal area, aluminum core radiator with silicone hoses throughout and coolant protection to -34 degrees F.

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

Fan drive to be electronically modulated multi-speed viscouse type with a poly V Belt with automatic tension control.

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

Single vertical Exhaust, Cab Mounted for clear back of cab with bright finish heat shield, elbow and stack.

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

Diesel Paticulate Filter to be mounted under passenger door with SCR catalyst mounted behind particulate on frame rail.

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

Factory installed integral Engine Brake.

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

Engine electronics to have:

Full diagnostic capability

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

Road Speed limiting and Cruise control feature

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

Shutdown capabilities for critical engine functions

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

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

**STARTING AND ELECTRICAL SYSTEM**

12-Volt system fuse/circuit breaker protected

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

12V gear reduction starter, 12V 130 amp alternator (24si)

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

(3) 12V maintenance free group 31 batteries with 650 cold cranking amps each, batteries to be mounted in a single steel box with polished aluminum cover.

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

**TRANSMISSION AND DRIVELINE**

A manual ten (10) speed overdrive design, with a minimum first gear reduction of 17 to 1.

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

Transmission should have oil cooler with dash mounted temperature gauge, left and right side PTO access gears with appropriate clearance.

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

Eaton Advantage easy pedal manually adjusting 15.5" two plate ceramic clutch 9 springs, 6 paddle design with AIR assist feature and remote lube fittings for clutch release bearing and both crosses mounted on LH frame rail under hood.

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

Main drivelines Spicer 1810HD with coated splines/ inter axle 1810 with coated splines.

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

**CAB EXTERIOR**

Cab to be Class 8 design welded Galvanized steel cab shell for construction and vocational applications.

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

Cab doors should also be of Galvanized steel and have high visibility roll up style windows.

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

The passenger side door window should have a **power** control and include a **peep** window in the lower half of door.

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

Cab mounting should be air suspended at rear on dual air bags mounted outside the frame rails.

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

Cab should feature:

Dual air horns in addition to the standard electric signal horn

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

Chrome bullet style marker lights	Yes ___ No ___ Page # _____
Bright finish heated West Coast mirrors with 8" convex mirrors mounted below the West Coast mirrors. Mirrors to be mounted on break away brackets to protect door skin.	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 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 to include bright finished grill, bright finish air intakes, and bright finish full hood surround.	Yes ___ No ___ Page # _____
Cab and hood paint color to be selected from manufacturer's standard non-metallic paint chart.	Yes ___ No ___ Page # _____
<b><u>CAB INTERIOR</u></b>	
Cab interior to include the following:	
Ash tray and cigar lighter	Yes ___ No ___ Page # _____
Coat hook(s)	Yes ___ No ___ Page # _____
Storage tray on back wall of cab and in overhead console	Yes ___ No ___ Page # _____
Dome light(s)	Yes ___ No ___ Page # _____
Cab interior is to be mid grade level fully groomed with headliner, back wall and windshield pillar post and door panels covered	Yes ___ No ___ Page # _____
Cab should have interior sun visors on both sides of cab.	Yes ___ No ___ Page # _____
Cab floor should be covered with black polyurethane mat.	Yes ___ No ___ Page # _____

Dash features to include:

- |  |                                |
|--|--------------------------------|
| Wood grain appearance                                    | Yes ___ No ___<br>Page # _____ |
| Center mount console with cup holders                    | Yes ___ No ___<br>Page # _____ |
| Full adjusting tilt and telescopic steering column       | Yes ___ No ___<br>Page # _____ |
| Air pressure gauge                                       | Yes ___ No ___<br>Page # _____ |
| Voltmeter  | Yes ___ No ___<br>Page # _____ |
| Fuel level gauge   | Yes ___ No ___<br>Page # _____ |
| Engine oil pressure gauge                                | Yes ___ No ___<br>Page # _____ |
| Engine coolant temperature gauge                         | Yes ___ No ___<br>Page # _____ |
| Low air pressure indicator with light and audible signal | Yes ___ No ___<br>Page # _____ |
| Speedometer with odometer and trip odometer              | Yes ___ No ___<br>Page # _____ |
| Tachometer with hour meter                               | Yes ___ No ___<br>Page # _____ |
| Transmission oil temperature gauge                       | Yes ___ No ___<br>Page # _____ |
| High beam indicator                                      | Yes ___ No ___<br>Page # _____ |

Park brake indicator

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

Cab seats should be:

Driver Bostrom 915 High Back air ride design with arm rest

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

Passenger seat to be fixed design

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

Both seats to have fabric covering with required lap and shoulder belts.

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

Factory installed integral air conditioning with R134A refrigerant and rotary type air conditioner compressor.

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

AM/FM/CD radio with clock and weather band, two- way radio power leads with mounting plate installed in overhead console with dual mirror mounted 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 full dual antilock air design with heated air dryer.

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

Air compressor should have 18.7CFM 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 # \_\_\_\_\_

### **FRAME/BUMPER/FUEL TANKS**

Steel 120,000 PSI steel frame rails 11.81" x 4.13" x 0.44" with a section modulus of 26.3 and a RBM per rail of 3,160,000.

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

222"-226" wheelbase with a 135"-139" cab to axle and a 197"-201" load platform.

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

Heavy-duty back to back channel cross members with huck bolt fasteners throughout.

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

Front bumper Bright Finish steel swept back channel design with Bright Finish plate type radiator guard and right and left hand bumper recessed tow hooks.

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

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

Fuel tank(s) to be aluminum with a minimum of 115-gallon capacity.

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

**FRONT AXLE**

18,000 Reverse Elliot design steel I beam axle with 18,000# multi leaf suspension and shock absorbers

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

18,000# integral power steering

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

Maximum of 34.5" spring centers

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

**SET FORWARD** front axle position only.

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

Unitized sealed (maintenance free) front wheel hubs.

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

Sealed tapered kingpins and bearings.

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

Meritor "S" cam design 16.5" x 6" Q+ brakes with:  
Outboard mounted drums and Dust Shields

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

Automatic slack adjusters

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

Front wheels to be Aluminum ten (10) hole bud style, hub piloted 22.5" x 12.25".

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

Front tires to be 18 ply 385/65R22.5 radials Bridgestone, Goodyear, or Michelin.

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

**REAR AXLE**

44,000# capacity (4.19-4.30) ratio double reduction design tandem rear axle with top loaded carriers and 44,000# multi leaf rear suspension with anti sway springs, transverse torque rod and bronze center bushings. Leaf over walking beam design with bronze center bushings will be accepted as a substitute, however no Reyco, air ride or T ride suspensions will be accepted.

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

In cab Power divider lock out valve with warning light and buzzer.

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

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

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

Driver controlled inter wheel differential locks for both rear axles with manual valve

and warning light.

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 # \_\_\_\_\_

Steel ten (10) hole bud style, hub piloted 24.5 x 8.25 rear wheels.

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

Rear tires to be 14 ply 11R 24.5 traction radials Bridgestone, Goodyear, or Michelin.

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 FOR HEAVY DUTY DUMP TRUCK CHASSIS  
OPTION B**

<u>Options</u>	<u>Option Price</u>
Allison 4500-RDS-6 six speed Automatic with transmission cooler, external oil cooler, internal filter, oil level sensor, temp gauge, and aluminum bell housing, with TRANSYND synthetic lube	<u>\$11,500.00</u>

**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.alabamacounties.org](http://www.alabamacounties.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.

**COUNTY JOINT BID PROGRAM**  
**HEAVY EQUIPMENT PURCHASE FOR HEAVY DUTY DUMP CHASSIS**  
**OPTION – B**

*This form must be mailed or faxed to the Vendor with  
Copy faxed to the ACCA Office at 334-263-7678*

Date of Order: \_\_\_\_\_ County Purchase Order No. \_\_\_\_\_

County: \_\_\_\_\_ County Contact Person: \_\_\_\_\_

County Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

County Phone Number: \_\_\_\_\_

County Fax Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Equipment Model or Item Name and Number: 7600

For heavy equipment items, check the Options Cost Sheet for that item. If item is being purchased without any or all optional equipment, state which item or items to be deleted and the cost of each such item: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Number of items ordered: \_\_\_\_\_ Final Price per item: \_\_\_\_\_

Vendor: Coffman International Contact: Zeb Owens

Vendor address: 4185 Ross Clark Circle  
Dothan, Al 36303

Deliver to the Attention of: \_\_\_\_\_

Delivery Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Requested delivery date: \_\_\_\_\_

Name of person making purchase request: \_\_\_\_\_

Title: \_\_\_\_\_

Authorized County Signature: \_\_\_\_\_

Initial confirming form sent to ACCA: \_\_\_\_\_