

**BID SUBMITTAL FORM**  
**Alabama County Joint Bidding Program**  
**BID ITEM – HEAVY DUTY DUMP CHASSIS OPTION C**

Company Name: Kenworth of Montgomery

Address: 3401 Industrial Drive  
Montgomery, AL 36108

Bid Submitted by: Michael Smith  
(Name of company representative)

Title: Truck Sales e-mail address: michaelsm@truckworx.com

Phone: 334-263-3101 Fax: 334-263-3108

By submitting this bid, we agree:

Initials

That the equipment model number identified below meets the bid specs for this bid item

MBS

That the bid price will be honored for all counties for the period from Jan. 1, 2019 to Dec. 31, 2019

MBS

That the equipment will be delivered at the bid price to all counties participating in the joint bid program

MBS

That the company representative listed above will be the contact person for purchasing this bid item under the joint bid program

MBS

That the bid is accompanied by a current catalog or model specification document for the model number identified below

MBS

That the bid is accompanied by a copy of the manufacturer's standard warranty as required in the bid specifications

MBS

That the bid includes the e-verify documentation required by Alabama law

MBS

That, if awarded the bid, a performance bond will be provided upon request

MBS

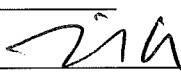
That an option sheet with individual pricing is attached

MBS

Total Bid Price including options: \$ 125,614.00

Equipment Model #: Kenworth T800

Description: Heavy Duty Dump Chassis

Signature of company representative submitting bid: 

Title: Truck Sales

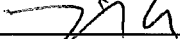
**OPTION COST SHEET FOR HEAVY DUTY DUMP TRUCK CHASSIS  
OPTION C**

<u>Options</u>	<u>Option Price</u>
Allison World 4500-RDS-6 six speed Automatic Transmission	\$ <u>9,663.00</u>
Dual Exhaust in lieu of standard exhaust	\$ <u>1,103.00</u>
Outside Aluminum wheels (6) on lift axle and rear axles in lieu of standard wheels.	\$ <u>850.00</u>
Standard cab in lieu of extended cab	\$ <u>3,124.00</u>

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

Equipment Model #: Kenworth T800

Description: Heavy Duty Dump Truck Chassis

Signature of company representative submitting bid: 

Title: Truck Sales

# **BID SPECIFICATIONS FOR HEAVY DUTY DUMP TRUCK CHASSIS - OPTION C**

## **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. 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

Yes  No   
Page#           
or  
Attachment   1  

**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 15 liter, turbo charged diesel engine capable of developing 500HP @1800 RPM with a torque rating of 1,650FT# @ 1200 RPM.

Yes  No   
Page #   2  

Engine shall have full wet replaceable cylinder liners. Fuel injection system to be equipped with a unit pump or unit injector style without CARB idle reduction.

Yes  No   
Page #   2  

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

Yes  No   
Page #   3  

Engine cooling system to have a minimum 1,440 square inches of frontal area, aluminum core radiator with silicone hoses throughout and coolant protection to -34 degrees F.

Yes  No   
Page #   3  

Fan drive to be Horton two speed type

Yes  No   
Page #   3  

Single vertical Exhaust. Cab Mounted for clear back of cab with stainless steel heat shield, steel elbow and chromed turn out stack.

Yes  No   
Page #   3

Diesel Particulate Filter and SCR catalyst to be mounted under passenger door.

Yes  No   
Page # 3

Factory installed integral Engine Brake.

Yes  No   
Page # 2

Engine electronics to include shutdown capabilities for critical engine functions:

Yes  No   
Page # 2

### **STARTING AND ELECTRICAL SYSTEM**

12-Volt system fuse/circuit breaker protected

Yes  No   
Page # 10

12V gear reduction starter, 12V 160 amp alternator

Yes  No   
Page # 4

(3) 12V maintenance free group 31 batteries with 700 cold cranking amps each. Batteries to be mounted in a single steel box with aluminum cover RH side behind cab.

Yes  No   
Page # 4

### **TRANSMISSION AND DRIVELINE**

A manual ten (10) speed overdrive design, with a minimum first gear reduction of 14.56 to 1.

Yes  No   
Page # 4

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

Yes 4 No   
Page # X

Eaton Advantage easy pedal manually adjusting 15.5" two plate ceramic clutch 7 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 # 4

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

Yes  No   
Page # 4

**CAB EXTERIOR**

Cab to be Class 8 design for construction and vocational applications. **Extended aluminum** and composite construction for corrosion resistance. Huck bolted construction.

Yes  No   
Page # 7

3" bulkhead style doors with drop style side windows for improved driver's downward visibility.

Yes  No   
Page # 9

Stainless steel piano type door hinges. No automotive type hinges allowed.

Yes  No   
Page # 7

Rear of engine may not extend into cab. No doghouse in firewall is allowed.

Yes  No   
Page # 7

One piece roped in curved windshield. No bonded in windshield allowed.

Yes  No   
Page # 10

Cab mounting should be air suspended at rear on dual air bags.

Yes  No   
Page # 10

Cab should feature:

Dual air horns in addition to the standard electric signal horn

Yes  No   
Page # 9

Chrome rectangular LED marker lights

Yes  No   
Page # 10

Bright finish heated West Coast mirrors with 8" convex mirrors mounted below the West Coast mirrors. Mirrors to be cab mounted to protect door skin.

Yes  No   
Page # 9

Polished exterior sun visor

Yes  No   
Page # 10

Hood is to be a full tilting fiberglass design to include bright finished grill

Yes  No   
Page # 8

2" rubber fender extensions for wider base front tires.

Yes  No   
Page # 10

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

Yes  No   
Page # 11

### **CAB INTERIOR**

Cab interior to include the following:

Storage tray on back wall of cab and in overhead console

Yes  No   
Page # 10

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 # 8

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

Yes  No   
Page # 8-9

Dash features to include:

Black appearance with chrome gauge surrounds

Yes  No   
Page # 8

Center mount console with cup holders

Yes  No   
Page # 9

Full adjusting tilt and telescopic steering column

Yes  No   
Page # 8

Multifunction Driver Display to include the following:

- Average and real time fuel economy
- RPM display
- Ignition timer
- Trip information
- Truck information
- Onboard diagnostics
- Gear display
- Alarm clock
- Automated pre-trip light inspection
- Air Filter Restriction gauge, Engine oil temperature gauge,  
dual rear axle temperature gauges (2), Fuel filter restriction gauge,  
Manifold pressure gauge, and Ammeter
- Gauges to be individual replaceable gauges (no automotive type clusters)

Yes  No   
Page # 8

Cab seats should be:

Driver High Back air ride design with dual arm rests

Yes  No   
Page # 8

Passenger seat to be fixed design with dual arm rests storage area  
underneath seat with lid.

Yes  No   
Page # 9

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

Yes  No   
Page # 8-9

Factory installed integral heater/air conditioning (HVAC) with R134A refrigerant  
and rotary type air conditioner compressor. HVAC unit to be mounted external  
of the cab (firewall mounted) to allow for easier access to components.

Yes  No   
Page # 8

AM/FM/CD and Bluetooth 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 # 9

Two additional dash mounted power outlets to be furnished.

Yes  No   
Page # 9

Windshield wipers to be two (2) speed electric with washer and intermittent  
feature. Wiper motor and linkage to be mounted external of the cab on firewall  
for easier access.

Yes  No   
Page # 9



**AIR BRAKES**

Brake system to be full dual antilock air design with heated extended purge air dryer.

Yes  No   
Page # 4,5,10

Air compressor should have 18.7 CFM capacity and increased air reservoir capacity for the local installation of a pusher style third axle.

Yes  No   
Page # 3

System to include a steering column mounted hand valve for rear service brakes.

Yes  No   
Page # 8

**FRAME/BUMPER/FUEL TANKS**

Steel 120,000 PSI steel frame rails 10.75" x 3.50" x 0.375" with a section modulus of 27.33 and a RBM per rail of 3,280,000 including full steal insert.

Yes  No   
Page # 6

215" wheelbase with a 135" cab to axle and a 195" load platform.

Yes  No   
Page # 1

\*220" WHEELBASE TO ACCOMMODATE EXTENDED CAB OPTION

Front bumper Bright Finish steel swept back channel design with center mount cast tow pin.

Yes  No   
Page # 6

Fuel tank(s) to be aluminum with a minimum of 120-gallon capacity.

Yes  No   
Page # 7

**FRONT AXLE**

20,000 LB Meritor MFS20 or Equivalent suspension and shock absorbers. Threaded spring hanger pins and bushings replacing rubber bushings.

Yes  No   
Page # 4

20,000# integral power steering with dual steering boxes and oil cooler

Yes  No   
Page # 5

Maximum of 34.5" spring centers

Yes  No   
Page # 4

**SET BACK** front axle position only.

Yes  No   
Page # 4

Unitized sealed (maintenance free) front wheel hubs.

Yes  No   
Page # 4

Sealed tapered kingpins and bearings.

Yes  No   
Page # 4

Meritor "S" cam design or Equivalent 16.5" x 6" brakes with dust shields: Yes  No   
Page # 4

Front wheels to be Aluminum disc ten (10) hole bud style, hub piloted 22.5" x 12.25". Yes  No   
Page # 6

Front tires to be 18 ply 385/65R22.5 radials Bridgestone, Goodyear, or Michelin. Yes  No   
Page # 6

**REAR AXLE**

Dual Meritor RT46-164PEH 46,000# capacity tandem rear axle or Equivalent with lube heavy wall housing and integral pump (4.10 ratio). 46,000# Chalmers 854-46-H suspension with standard restrictor can. No multi leaf springs and walking beam design allowed. Yes  No   
Page # 5

In cab Power divider lock out valve with warning light and buzzer. Yes  No   
Page # 5

Driver controlled inter wheel differential locks for both rear axles with manual valve and warning light. Yes  No   
Page # 5

Meritor "S" cam design or Equivalent 16.5" x 7" brakes with dust shields: Yes  No   
Page # 5

Automatic brake slack adjusters Yes  No   
Page # 5

Brake chambers shall be (4) 30/30 style chambers with raised chambers on rear axle. Yes  No   
Page # 5

Steel disc ten- (10) hole bud style, hub piloted 24.5 x 8.25 rear wheels. Yes  No   
Page # 6

Rear tires to be 14 ply 11R 24.5 traction radials Bridgestone, Goodyear, or Michelin. Yes  No   
Page # 6

**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 World 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 # 4

Dual Exhaust in lieu of standard exhaust

Yes  No   
Page # 3

Outside Aluminum wheels (6) on lift axle and rear axles in lieu of standard wheels.

Yes  No   
Page # 6

Standard cab in lieu of extended cab

Yes  No   
Page # 7

**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.