

**BID SPECIFICATIONS  
FOR  
HEAVY DUTY LOW BOY TRACTOR-OPTION B  
W900L  
\$132,234.00 (INLCUDING OPTIONS)**

**GENERAL**

These specifications shall be construed as the minimum acceptable standards for a heavy duty Low Boy tractor. 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.

**ASSEMBLY AND DELIVERY**

The selling Low Boy Tractor dealer shall be responsible for delivery of the completed unit to the purchasing county with all requested options.

**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.

**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 \_\_\_\_\_

### **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 # \_\_\_\_\_

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 # \_\_\_\_\_

Air intake system shall have dual dry elements in stainless steel cases with a restriction indicator. Air cleaner elements mounted external of the hood.

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

Engine cooling system to have a minimum 1,240 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 Horton two speed type

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

Exhaust to be DUAL vertical with turnouts. Heat shields and stacks to be bright finish.

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

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

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

Factory installed integral Engine Brake.

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

### **STARTING AND ELECTRICAL SYSTEM**

12-Volt system fuse/circuit breaker protected

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

12V gear reduction starter, 12V 160 amp alternator

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

Unit should be equipped with a backup alarm

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

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

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

### **TRANSMISSION AND DRIVELINE**

A manual eighteen (18) speed overdrive design, with a minimum first gear reduction of 16 to 1 and a torque input capacity of 1850 FT#.

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 or Equivalent 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 # \_\_\_\_\_

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

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

### **CAB EXTERIOR**

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

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

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

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

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

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

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

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

Both door windows should have a power control and include a peep window in the lower half of RH door.

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

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

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

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

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

Cab should feature:

Dual air horns in addition to the standard electric signal horn

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

Chrome rectangular LED marker lights

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

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. RH mirror to be adjustable from inside cab.

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

Polished exterior sun visor

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

Hood is to be a full tilting fiberglass design. Extended hood to provide 130" BBC. Includes bright finished grill and grill surround.

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:

Cab interior is to be HIGH grade level fully groomed with button tufted diamond pattern headliner, back wall and door panels.

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

Integrated Navigation System providing truck specific navigation, roadside assistance, Integrated audio system (includes AM/FM/CD/Weather Band/MP3/and Sirius satellite capability), Bluetooth hands-free cell phone operation and six virtual gauges for engine oil temperature, transmission oil temperature, turbo boost pressure, present and average fuel economy, DPF status, and engine torque output percentage.

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

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

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

Wood grain appearance with chrome gauge surrounds

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

Center mount console with cup holders

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

Full adjusting tilt and telescopic steering column

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

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

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

Gauges to be individual replaceable gauges (no automotive type clusters)

Cab seats should be:

Driver High Back air ride design with dual arm rests

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

Passenger High Back air ride design with dual arm rests

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

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

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

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 # \_\_\_\_\_

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. Wiper motor and linkage to be mounted external of the cab on firewall for easier access.

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

Power door locks.

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

### **AIR BRAKES**

Brake system to be full dual antilock Bendix with 6S/6M Road Stability System to include ABS/ATC/ESP with YAW control.

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

Air compressor should have 18.7CFM capacity and Bendix heated air dryer with extended purge.

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

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

Steel 120,000 PSI steel frame rails 10.6875" x 3.50" x 0.50" with a section modulus of 22.35 and a RBM per rail of 2,683,000.

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

240" wheelbase with a 140" cab to axle.

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

Heavy-duty 3 piece cross members. Huck bolt fasteners throughout.

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

Front bumper Bright Finish steel tapered with two removable tow pins.

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

Dual fuel tank(s) to be aluminum with a minimum of 100-gallon capacity on RH side and 75-gallon capacity on LH side. 7" wide heavy duty fuel tank straps.

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

20.7 gallon capacity DEF tank mounted on LH side with polished cover

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

Chassis to be equipped with frame mounted bright finish quarter fenders mounted ahead of front pull axle and rear mud flaps mounted at end of frame on heavy duty spring loaded bright finished brackets.

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

### **FIFTH WHEEL**

Tractor to be equipped with a Holland 24" air slide fifth wheel. Fifth wheel should have pinning feature for dump trailer use. Pins should be removable type for Multi-purpose use.

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

### **FRONT AXLE**

Dana Spicer E-1462W or Equivalent 14.6K axle with 16,000# multi leaf suspension and shock absorbers. Threaded spring hanger pins and bushings replacing rubber bushings. Wide track front axle for improved wheel cut.

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

13,200# 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 Federal Reduced Stopping Distance Compliant Brakes with dust shields:

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

Front wheels to be polished aluminum ten (10) hole bud style, hub piloted 24.5" x 8.25".

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

Front tires to be 16 ply 11R24.5 radials Bridgestone, Goodyear, or Michelin.

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

## **REAR AXLE**

Dual Meritor RT46-164PEH or Equivalent 46K tandem rear axle with heavy wall housing and integral lube pump (3.91 ratio). 46,000# air ride suspension with shock absorbers, torque and tracking rods, and dump valve.

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

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

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

Driver controlled inter wheel differential locks for both rear axles with manual valve and warning light.

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

Meritor "S" cam design Federal Reduced Stopping Distance Compliant Brakes with dust shields:

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

Brake chambers shall be (4) 30/30 Long Stroke for Federal Reduced Stopping Distance Compliant style chambers

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

Polished aluminum 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 the bid must also include the cost for each of the following options, itemized separately on the bid:

Dual-purpose wet line system for use with a dump trailer or a detachable neck low boy trailer.

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

Aluminum Cab Guard with window

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

60-Inch Long Light bar with Two Power Supplies and Eight Strokes (4 Front/4 Rear)

-Shall include built-in, rear facing stop/tail/turn signals and Rear Facing work Lights

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

-Light bar shall be mounted on the Aluminum Cab Guard with controls mounted on the dash inside the cab.

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

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

## OPTION COST SHEET FOR LOW BOY TRACTOR OPTION B

<u>Options</u>	<u>Option Price</u>
Dual purpose wet line kit	\$ <u>3,500.00</u>
Aluminum cab guard	\$ <u>1,190.00</u>
60" Long Light bar	\$ <u>1,750.00</u>

**NOTE:** Award will be made on the basis of the total cost of the Low Boy Tractor with the option included. However, a county may, at its discretion, deduct the above-referenced option from the Low Boy Tractor, and in such event, the cost of the option as stated on the bid shall be deducted from the total cost of the Low Boy Tractor. There shall be no other deductions and no additions made to the Low Boy Tractor 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**  
**LOWBOY TRACTOR OPTION B PURCHASE ORDER FORM**

**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: W900L

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

Vendor: Kenworth of Montgomery, Inc. Company Contact: Mike Henderson

Vendor address: 3401 Industrial Drive  
Montgomery, AL 36108

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 vendor: \_\_\_\_\_

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