

**BID SPECIFICATIONS  
FOR  
HEAVY DUTY LOW BOY TRACTOR-OPTION B  
W900L  
\$125,612.82 (INCLUDING 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 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 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.

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

Turbo air shall flow through a chassis mounted charge air cooler, 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 with multi groove belt and automatic tension control. 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 # \_\_\_\_\_

Engine electronics to have:  
Full diagnostic capability Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

Road Speed limiting and Cruise control feature 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 130 amp alternator (24si) 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 Yes \_\_\_ No \_\_\_  
Page # \_\_\_\_\_

under cab.

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

Clutch should have 1,860FT# capacity

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 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 # _____
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. 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 # _____
<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 HIGH grade level fully groomed with button tufted diamond pattern headliner, back wall and door panels.	Yes ___ No ___ Page # _____
NavPlus System providing truck specific navigation, roadside assistance, integrated audio system (includes AM/FM/CD/Weather Band/MP3/and Sirius satellite capability), 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 # _____
Cab floor should be covered with black polyurethane mat.	Yes ___ No ___ Page # _____
Dash features to include:	
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) to include the following gauges: Air pressure gauge	Yes ___ No ___ Page # _____
Voltmeter	Yes ___ No ___ Page # _____
Fuel level gauge	Yes ___ No ___ Page # _____
Diesel Exhaust Fluid level gauge separate from 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 and outside air temperature	Yes ___ No ___ Page # _____
Transmission oil temperature gauge	Yes ___ No ___ Page # _____
High beam indicator	Yes ___ No ___ Page # _____
Park brake indicator	Yes ___ No ___ Page # _____
Two center floor console mounted power outlets.	Yes ___ No ___ Page # _____
Cab seats should be: Driver National High Back air ride design with dual arm rests	Yes ___ No ___ Page # _____
Passenger National High Back air ride design with dual arm rests	Yes ___ No ___

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

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

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 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 with 3-hole gussets. 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 # \_\_\_\_\_

18-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 mudflaps 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**

14,600 Reverse Elliot design steel I beam 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 16.5" x 6" brakes with:  
Outboard mounted drums and dust shields

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

Automatic slack adjusters

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**

46,000# capacity 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 16.5" x 7" brakes with:  
Outboard drums and dust shields

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

Automatic slack adjusters

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

Brake chambers shall be (4) 30/30 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 Lightbar 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 # \_\_\_\_\_

-Lightbar 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>\$3,700.00</u>
Aluminum cab guard	<u>\$1,200.00</u>
60" Long Lightbar	<u>\$1,950.00</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  
HEAVY EQUIPMENT PURCHASE ORDER FOR  
LOW BOY TRACTOR 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: W900L

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

Vendor: Kenworth of Montgomery 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: \_\_\_\_\_