

**BID SUBMITTAL FORM**  
**Alabama County Joint Bidding Program**  
**BID ITEM – LOWBOY TRACTOR OPTION A**

Company Name: Nextran Truck Centers

Address: 1801 Fulton Rd Po Box 820  
Fultondale, Al 35068

Bid Submitted by: Bruce Graham  
(Name of company representative)

Title: Sales Manager e-mail address: bgraham@nextranusa.com

Phone: 205-337-7724 / 205-841-4450 Fax: 205-841-4430

By submitting this bid, we agree:

Initials

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

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

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

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

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

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

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

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

That an option sheet with individual pricing is attached BG

Total Bid Price including options: \$ 123,097.00

Equipment Model #: 2020 Mack P764T

Description: Lowboy Tractor

Signature of company representative submitting bid: 

Title: Sales Manager

**OPTION COST SHEET FOR  
HEAVY DUTY LOW BOY TRACTOR  
OPTION A**

**Options**

**Option Price**

MDRIVEHD 14 speed automated manual transmission

\$ 5000.00

Dual purpose wet line kit

\$ 3500.00

Aluminum cab guard

\$ 1000.00

60" Long Light bar

\$ 1000.00

**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.

Equipment Model #: 2020 Mack PZ64T

Description: Low boy Tractor

Signature of company representative submitting bid: \_\_\_\_\_



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

Sales Manager

# **BID SPECIFICATIONS FOR HEAVY DUTY LOW BOY TRACTOR-OPTION A**

## **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 US17 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.

## **MANUALS**

Each unit shall be provided with one (1) copy of the operator's manual

## **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 shall be transferable. Warranty must include the following minimum coverage:

Basic Vehicle: 1 year or 100,000 miles *pg 14*

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. *pg 14*

Transmission: 3 Year or 300,000 miles

Rear Carriers: 3 Year or 300,000 miles

Yes ☒ No ☐  
Page # 14  
or 2  
Attachment Warranty  
Section

### ASSEMBLY AND DELIVERY

The selling truck chassis 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 safety triangles. (1)

*Fire Extinguisher installed by dealer in prep process*

### ENGINE AND RELATED COMPONENTS

Shall be an in line 6 design 13 liter, overhead cam, turbo charged diesel engine capable of developing 505 HP with a peak torque rating of 1,860 FT#.

Yes ☒ No ☐  
Page # 7

Yes ☒ No ☐  
Page # 1 *Engine Spec Sheet*

Engine shall have full wet replaceable cylinder liners, fuel injection system to be Electronic common rail injection.

Yes ☒ No ☐  
Page # Engine Spec Sheet

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

*Restriction indicator is displayed in the dash Co-Pilot Driver display screen*

Yes ☒ No ☐  
Page # 2

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 # 2 *Standard Spec Sheet*

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

Yes ☒ No ☐  
Page # 2 *Standard Spec Sheet*

Exhaust to be DUAL vertical with bright finish heat shields, elbows and stacks.

Yes ☒ No ☐  
Page # 2

DPF element/SCR catalyst combined in a single unit mounted on passenger side frame rail under passenger door.

Yes ☒ No ☐  
Page # 2 *Standard Spec Sheet*

Factory installed integral Engine Brake.

Yes ☒ No ☐  
Page # 2

Engine electronics to have:

Yes ☒ No ☐  
Page # 10

Full diagnostic capabilities

Yes ☒ No ☐  
Page # 9

Road speed limiting and Cruise Control Feature

Yes ☒ No ☐  
Page # 12

Shutdown capabilities for critical engine functions

Yes ☒ No ☐  
Page # 10

### STARTING AND ELECTRICAL SYSTEM

12 Volt system fuse/circuit breaker protected

Yes ☒ No ☐  
Page # Standard Spec Sheet

(pg 2)  
12V gear reduction starter, 12V 130 amp alternator (24si)

Yes ☒ No ☐  
Page # 2

(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 # 2

Unit should be equipped with a backup alarm

Yes ☒ No ☐  
Page # 5

*Optional m Drive 14 speed covered in this summary see*  
**TRANSMISSION AND DRIVELINE**  
Manual eighteen (18) speed overdrive design, with a minimum first gear reduction of 16 to 1. *manual transmission full spec*

Yes ☒ No ☐  
Page # 1 & M Drive Trans Sheet

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

*See m Drive Spec Sheet for spec*

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.  
*m Drive spec uses 17" clutch*

*15.5 clutch used with 18 speed manual*

Yes ☒ No ☐  
Page # 3

Main driveline Spicer 1810HD with coated splines/ inter axle driveline 1710HD with coated splines. *Drive shafts have been up graded to*

*SPL 350XL & 250HDXL Extended Lube Series then shafts exceed the 1810/1710*

Yes ☒ No ☐  
Page # 3

## CAB EXTERIOR

Cab to be Class 8 designed for construction and vocational applications. Cab construction should be welded Galvanized steel shell.

*(All Mack Cabs Are Gal. Steel Construction)*

Cab doors should also be of Galvanized steel and have high visibility roll up style windows with power window and door lock control on both doors, passenger door to include a peep window in the lower half of door.

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

Cab should feature:

Dual air horns in addition to the standard electric signal horn

Chrome Bullet style marker lights

Bright finish heated and motorized 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. *Break Away feature is standard*  
*Convex mirrors are now built in to motorized mirror*

Stainless Steel Exterior sun visor

Cab glass to be safety tinted

Cab to have grab handles of both sides of cab

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

Hood is to be a full tilting fiberglass design with safety latch, bright finish headlight bezels and bright finish grille.

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

Yes ☒ No ☐  
Page # 8

Yes ☒ No ☐  
Page # 8 *Standard Spec Sheet*

Yes ☒ No ☐  
Page # Standard Spec Sheet

Yes ☒ No ☐  
Page # 8

Yes ☒ No ☐  
Page # 5

Yes ☒ No ☐  
Page # 8

Yes ☒ No ☐  
Page # 8

Yes ☒ No ☐  
Page # 8

Yes ☒ No ☐  
Page # 8 *Standard Spec Sheet*

Yes ☒ No ☐  
Page # Standard Spec Sheet

Yes ☒ No ☐  
Page # 8 *Standard Spec Sheet*

Yes ☒ No ☐  
Page # 13

## CAB INTERIOR

Cab interior to include the following:

Storage tray on back wall of cab and in overhead console

Yes ☒ No ☐  
Page # 7

Cab interior is to be PREMIUM grade level fully groomed 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

Cab floor should be covered with black polyurethane mat.

Yes ☒ No ☐  
Page # 7

Dash features to include:

Brushed nickel appearance

Yes ☒ No ☐  
Page # Interior Brochure

Center mount console with cup holders

Yes ☒ No ☐  
Page # Standard Spec Sheet

Full adjusting tilt and telescopic steering column

Yes ☒ No ☐  
Page # Standard Spec Sheet

Axle oil temperature gauges

Yes ☒ No ☐  
Page # 7

Exhaust pyrometer

Yes ☒ No ☐  
Page # 7

Manifold pressure gauge

Yes ☒ No ☐  
Page # 7

Cab seats should be: Driver and rider Bostrom 915 High Back air ride design with arm rest, both seats to have fabric covering with required lap and shoulder belts.

*Bostrom Seating Replaced with Mack Premium Seat with 4 Chamber Lumbar & Leg Extension*

Yes ☒ No ☐  
Page # 8

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

Yes ☒ No ☐  
Page # 7

AM/FM/CD radio with clock weather band and Blue Tooth capability, two- way radio power leads and mounting plate installed in overhead console (not on dash) with dual mirror mounted antennas.

Yes ☒ No ☐  
Page # 7

Two additional dash mounted power outlets to be furnished.

12 ✓ 9 USB

Yes ☒ No ☐  
Page # Std Spec sheet

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

Yes ☒ No ☐  
Page # 8

### **AIR BRAKES**

Full Dual Air Brake system with Bendix Road Stability System to include ABS/ATC/ESP with YAW control with heated air dryer.

Yes ☒ No ☐  
Page # 5: Bendix Road Stability sheets

Semi - trailer connection package with 16' coiler air and electrical connections with an in cab hand control valve for trailer service brakes.

Yes ☒ No ☐  
Page # 6

Air compressor should have 18.7CFM capacity

Yes ☒ No ☐  
Page # 2

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

Steel 120,000 PSI frame rails 11.81" x 3.54" x 0.37" with a section modulus of 20.6 and a RBM per rail of 2,470,000.

Yes ☒ No ☐  
Page # 5: Frame sheet

235" wheelbase with adequate frame rail clearance to accommodate a third axle, if desired.

Yes ☒ No ☐  
Page # 5

148" cab to axle.

Yes ☒ No ☐  
Page # 5

Heavy duty cross - members with huck bolt fasteners throughout.

Yes ☒ No ☐  
Page # 5

Bright Finish stainless steel clad aluminum with a swing out towing clevis each side.

Yes ☒ No ☐  
Page # 5

Fuel tank(s) to be aluminum with a minimum of 150 gallon capacity

Yes ☒ No ☐  
Page # 5

Driver's side frame or fuel tank mounted step(s) and tread plate platform to access Trailer connections.

Yes ☒ No ☐  
Page # 6



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 brackets

Yes ☒ No ☐  
Page # 5

#### **FIFTH WHEEL**

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

Yes ☒ No ☐  
Page # 6

#### **FRONT AXLE**

14,600 Reverse Elliot design steel I beam axle with 14,600# taper leaf suspension, 14,600# integral power steering, shock absorbers and a maximum of 34.5" spring centers. **SET FORWARD** front axle position only. Unitized sealed (maintenance free) front wheel hubs. Sealed tapered king pins and bearings. Meritor "S" cam design 16.5" x 6" Q+ brakes with outboard mounted drums, dust shields and automatic slack adjusters. Front wheels to be Machine Cleaned Buffed Aluminum ten (10) hole bud style, hub piloted 24.5" x 8.25". Front tires to be 16 ply 11R24.5 radials Bridgestone R283A, Goodyear Endurance RSA, or Michelin XZE2.

*Tires & Wheels on Page 9*

Yes ☒ No ☐  
Page # 3 & Front  
*Axle Spec Sheet*

#### **REAR AXLE**

Meritor RT 46-164EH 46,000# capacity (4.10) ratio tandem axle with in cab power divider lock out valve with warning light and buzzer, lube pump and filter. In addition both rear axles should be equipped with driver controlled inter wheel differential locks with manual valve and warning light. 60 inch axle spacing. 46,000# air ride rear suspension with shock absorbers and transverse torque rods on both rear axles. Meritor "S" cam design 16.5" x 8 5/8" Q+ brakes with outboard drums, dust shields and automatic slack adjusters. Brake chambers shall be (4) 30/30 style chambers with raised chambers on rear axle. Machine Cleaned Buffed Aluminum ten (10) hole bud style, hub piloted 24.5 x 8.25 rear wheels. Rear tires to be 16 ply 11R24.5 radials Bridgestone M779/Goodyear Armor Pro MSD, Michelin XDS2.

*Tires & Wheels on Page 9*

Yes ☒ No ☐  
Page # 4

## **OPTIONS**

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

14 speed Automated Manual Transmission (MDRIVEHD .78 Over Drive Series only) 14 speed forward and 4 speed reverse with Ultra Low Creeper 32.04 Lo gear forward and 37.49 Lo reverse with factory installed 1300 series PTO flange with dash mounted control

*Yes page 1? Trans Spec Sheet*

*PTO Flange on Pg 6*

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

Yes ☒ No ☐

Page # 14

Aluminum Cab Guard with rear window

Yes ☒ No ☐

Page # 14

60-Inch Long light bar with warning lights (strobes or rotators) work lights, stop lights, tail lights and turn signals

-light bar shall be mounted on the Aluminum Cab Guard with Controls  
Mounted on the Dash inside the Cab

Yes ☒ No ☐

Page # 14

**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.