

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

Company Name: Ward International Trucks

Address: 2101 Perimeter Road P.O. Box 5375
Mobile AL 36605

Bid Submitted by: Howard Clotfelter
(Name of company representative)

Title: Sales Representative e-mail address: howard@wardintltrucks.com

Phone: 251-281-1475 Fax: 251-433-5617

By submitting this bid, we agree:

Initials

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

That the bid price will be honored for all counties for the period from Jan. 1, 2020 to Dec. 31, 2020. HC

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

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

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

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

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

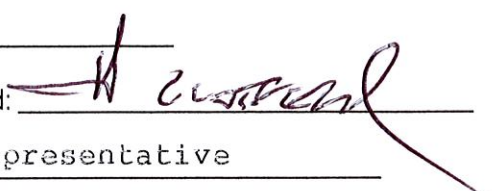
That, if awarded the bid, a performance bond will be provided upon request HC

That an option sheet with individual pricing is attached HC

Total Bid Price including options: \$ 121,679.00

Equipment Model #: International HX520

Description: Low Boy Tractor

Signature of company representative submitting bid: 

Title: Sales Representative

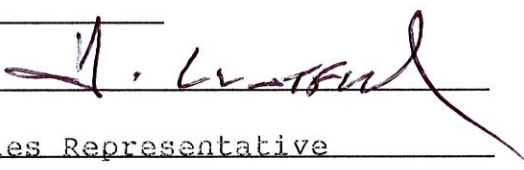
OPTION COST SHEET FOR LOW BOY TRACTOR OPTION E

<u>Options</u>	<u>Option Price</u>
Automated Manual (18) speed overdrive design Transmission with overall gear Ratio coverage 19.73 and a minimum first gear reduction of 14.4 to 1, and a torque Input capacity of 1850 ft. lbs.	\$ <u>4,700.00</u>
Dual purpose wet line kit	\$ <u>4,400.00</u>
Aluminum cab guard	\$ <u>1,590.00</u>
60" Long Light bar with warning lights (strobes or rotators) work lights Stop lights, tail lights and turn signals	\$ <u>1,790.00</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.

Equipment Model #: International HX520

Description: Low Boy Tractor

Signature of company representative submitting bid: 

Title: Sales Representative

BID SPECIFICATIONS FOR HEAVY DUTY LOW BOY TRACTOR-OPTION E

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.

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 unlimited 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 nominal 15-liter, turbo charged diesel engine capable of developing 505HP @1650 RPM with a torque rating of 1,650 lb. ft.

Yes ☒ No ☐
Page # 2

Radiator to have a quick drain/filling option

Yes ☒ No ☐
Page # 2

Bug Screen shall be mounted between Grill and Radiator

Yes ☒ No ☐
Page # 6

Engine cooling system to have a minimum 1,325 square inches of frontal area, and extended life coolant protection to -40 degrees F.

Yes ☒ No ☐
Page # 2

Fan drive to be (2) two speed type with a manual over-ride switch dash mounted.

Yes ☒ No ☐
Page # 2

Dual vertical Exhaust pipes, shall be Cab mounted for clear back of cab with bright Finish heat shields, and turnback outlets.

Yes ☒ No ☐
Page # 5

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

Yes ☒ No ☐
Page # 5

Factory installed integral Engine Compression Brake.

Yes ☒ No ☐
Page # 5

Engine electronics to include shutdown capabilities for critical engine functions, Full Diagnostic capability and road limiting and cruise control feature.

Yes ☒ No ☐
Page # Standard

Dual cowl mounted stainless steel air cleaners required for extended Service Intervals in dusty environments.

Yes ☒ No ☐
Page # 2

STARTING AND ELECTRICAL SYSTEM

12-Volt system fuse/circuit breaker protected

Yes ☒ No ☐
Page # 5

12V starter with soft engagement required.

Yes ☒ No ☐
Page # 6

Minimum 160 Amp Alternator with remote voltage sensor capability to monitor Battery charge and adjust alternator output accordingly.

Yes ☒ No ☐
Page # 5

Batteries to be mounted in a single aluminum box with a polished aluminum cover
Right side back of cab. Right side battery box not available
with dual 80 gallon fuel tanks. See attached "Incompatible
Components". Battery box will be left side.

Yes ☐ No ☒
Page # 5

Cab & Chassis electrical and air lines shall be color coded and continually numbered
So, technicians can easily identify and trouble shoot as necessary.

Yes ☒ No ☐
Page # 5

Vehicle shall be equipped with manual reset circuit breakers on all circuits over 5 amps
Where possible, except headlight and wiper motor circuits which shall be protected using
Continuous reset circuit breakers to allow continued operation during a momentary
Overload for trouble shooting convenience and circuit protection.

Yes ☒ No ☐
Page # 5

Electrical Circuit breaker panel (no tools needed for access) shall be located inside
Cab to prevent exposure to corrosive elements.

Yes ☒ No ☐
Page # Standard

TRANSMISSION AND DRIVELINE

A manual ten (18) speed overdrive design, with a minimum first gear
reduction of 14.40 to 1. 18 speed manual

Yes ☒ No ☐
Page # 2

A dash mounted Transmission temperature gauge is required.

Yes ☒ No ☐
Page # 3

Spicer SPL 250 XL low maintenance driveshaft, with lube for life splines required
For durability and low maintenance.

Yes ☒ No ☐
Page # 5

Clutch action shall be air assisted with hydraulic actuator to lower pedal effort, and
Reduce operator fatigue.

Yes ☒ No ☐
Page # 2

CAB EXTERIOR

118-120 inch BBC conventional cab style with straight hood.

Yes X No
Page # Standard
HX520

Flat panel aluminum Bulkhead style doors

Yes X No
Page # Standard

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

Yes X No
Page # Standard

Cab glass to be safety tinted

Yes X No
Page # 3

Cab to have grab handles on both sides of the cab.

Yes X No
Page # 3

Cab mounting shall be air suspended on dual air bags.

Yes X No
Page # 3

Cab should feature:

Dual chrome air horns with snow shields, in addition to the city horn.

Yes X No
Page # 5 & 6

Bright finish grill

Yes X No
Page # 6

Bright finish heated power adjustable mirrors with convex mirrors built into the mirror heads. Bright finish "lock down" Mirror shall be located over the Passenger door.

Yes X No
Page # 3

Stainless steel exterior sun visor

Yes X No
Page # 4

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

Yes X No
Page # 6

All aluminum cab construction with bonded and riveted joints required.

Yes X No
Page # Standard
HX Series

CAB INTERIOR

Cab interior to include the following:

Storage Pocket located on back wall of cab between seats

Yes X No
Page # 4

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

Yes ☒ No ☐
Page # 3

Cab interior is to be Diamond pattern trim level

Yes ☒ No ☐
Page # 3

Dash features to include:

Transmission oil temperature gauge and engine air filter restriction indicator

Yes ☒ No ☐
Page # 3

Map Storage with thermos holder to be located at base of passenger seat.

Yes ☒ No ☐
Page # 4

Full adjusting tilt and telescopic steering column

Yes ☒ No ☐
Page # 5

Cab seats should be:

Driver National 2000 model 195 High Back air ride design with dual arm rests and cloth/vinyl covering

Yes ☒ No ☐
Page # 3

Passenger seat to be fixed design

Yes ☒ No ☐
Page # 4

Both seats to have high visibility orange lap and shoulder belts.

Yes ☒ No ☐
Page # 3

Factory installed integral heater/air conditioning with enhanced recirculation control For cold weather.

Yes ☒ No ☐
Page # 3

AM/FM/CD and Bluetooth radio with clock and weather band. Leeds with mirror Mounted antennas for entertainment and CB radios.

Yes ☒ No ☐
Page # 5 & 6

Additional dash mounted power outlet to be furnished.

Yes ☒ No ☐
Page # 5

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

Yes ☒ No ☐
Page # 5

Power Windows & Door locks for both Driver & Passenger side shall be provided.

Yes ☒ No ☐
Page # 3 & 4

Cab shall be equipped with overhead storage console pockets on both Driver & Passenger side with retainer nets/ or doors to secure items.

Yes ☒ No ☐
Page # 3

2 Piece Windshield with a surface area of not less than 1600 sq.in. required for improved jobsite visibility.

Yes ☒ No ☐
Page # 4

Windshield wiper swept surface area shall be not less than 900 sq.in for optimum visibility during inclement weather.

Yes ☒ No ☐
Page # Standard

Cab rear window shall measure not less than 52" wide for a panoramic view to the rear of the vehicle.

Yes ☒ No ☐
Page # 4

Cab width shall be a minimum of 68.5" at Dash between A-pillars to provide adequate room for in cab mounted equipment.

Yes ☒ No ☐
Page # Standard

Cab height from Floor to roof shall be a minimum of 52.5" at edge of dash to ensure adequate head room for a variety of drivers.

Yes ☒ No ☐
Page # Standard

Measurement from center of fuel pedal to back of cab wall shall be not less than 44 inches, to accommodate leg room.

Yes ☒ No ☐
Page # Standard

AIR BRAKES

Air Brake system to be ABS with electronic stability and traction control. with heated air dryer, Bendix AD-9 or equal

Yes ☒ No ☐
Page # 4

Air compressor should have 18.7CFM capacity and increased air reservoir capacity

Yes ☒ No ☐
Page # 4

Semi – trailer connection package with 14' straight air and electrical connections With an in-cab hand control valve for trailer service brakes.

Yes ☒ No ☐
Page # 4

FRAME/BUMPER/FUEL TANKS

Steel 120,000 psi frame rails. Frame rail dimension of 12.5" x 3.8" x 0.375 with an RBM of 2,521,200."

Yes ☒ No ☐
Page # 4

258"-260" wheelbase with a 168"-170" cab to axle.

Yes ☒ No ☐
Page # 1

Frame tie crossmember underneath the bell housing required.

Yes ☒ No ☐
Page # 4

Front bumper Bright Finish stainless clad aluminum.

Yes ☒ No ☐
Page # 4

Stainless Steel DEF tank cover

Yes ☐ No ☒
Page #

DEF tank "coverd" by polished aluminum battery box cover See attached "Incompatible Components".

Dual Fuel tanks to be non-polished aluminum with a minimum of 160-gallon capacity, Located back of cab one on each side of frame.

Yes ☒ No ☐
Page # 6

Frame rail shall be a continuous straight structural channel to simplify frame straightening in the event of a front-end collision. A Splayed Front Frame rail shall not be acceptable.

Yes ☒ No ☐
Page # 4

Heavy Duty front tow pin with 150,000 lbs. total capacity

Yes ☒ No ☐
Page # 4

Swing type license plate holder

Yes ☐ No ☒
Page #

Not available with front stainless steel clad front bumper. See attached "Incompatible Components".
Frame assembly shall be huck bolted in lieu of threaded bolts where possible, to minimize frame bolt re-torque service.

Yes ☒ No ☐
Page # Standard
HX Series

Frame rail(s) shall be treated with phosphate free Tectalis 1800 pretreatment followed by a two stage electrostatically applied corrosion resistant primer coating and a top powder coating to minimize corrosion.

Yes ☒ No ☐
Page # 6

Chassis to be equipped with frame mounted bright finish quarter fenders mounted Ahead of front drive axle and rear mud flaps mounted at end of frame on heavy Duty spring loaded brackets.

Yes ☒ No ☐
Page # 6

Driver's side fuel tank mounted steps and deck plate platform to access Trailer Connections.

Yes ☒ No ☐
Page # 4

FIFTH WHEEL

Tractor to be equipped with a 24" Fontaine air slide fifth wheel or equal

Yes ☒ No ☐
Page # 6

FRONT AXLE

14,000 lb. design steel I beam front axle

Yes ☒ No ☐
Page # 3

14,000 lb. parabolic taper leaf front springs with shock absorbers.

Yes ☒ No ☐
Page # 3

SET FORWARD front axle position of 30" +/- 1" only.

Yes X No
Page # 1

"S" cam design 16.5" x 5" brakes with outboard mounted drums

Yes X No
Page # 4

Front wheels to be Aluminum ten (10) hole hub piloted 24.5" x 8.25".

Yes X No
Page # 6

Front tires to be 16 ply 11R24.5 radials Continental HSR2 or equal.

Yes X No
Page # 7

A wide track front axle with King Pin centers greater than 71" shall be provided for improved turn angle and maneuverability.

Yes X No
Page # 3 *

Threaded Spring bushings in lieu of rubber for service inspection.

Yes X No
Page # 3 *

* Standard with Meritor MFS-14-143A

REAR AXLE

46,000# capacity single reduction design tandem rear axle with Lube oil pump, and driver controlled locking differentials in both FWD-RR & RR-RR axles. Axle ratio to be determined at time of order.

Yes X No
Page # 2

46,000# on/off road rated air suspension, with shocks. Hendrickson or equal

Yes X No
Page # 2

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

Yes X No
Page # 2

Differential locking switches for forward and rear axle on separate switches.

Yes X No
Page # 2

"S" cam design 16.5" x 8.625" brakes with outboard drums

Yes X No
Page # 4

Rear wheels to be Alum Disc (10) hole hub piloted 24.5x 8.25 inside and out.

Yes X No
Page # 7

Rear tires to be 16 ply traction radials Continental HDR2 or equal.

Yes X No
Page # 7

OPTIONS

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

Automated Manual (18) speed overdrive design Transmission with overall gear Ratio coverage 19.73 and a minimum first gear reduction of 14.4 to 1, and a torque Input capacity of 1850 ft. lbs.

Yes X No

Page # 6 *

& Page 2 Proposal
7680-01

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

Yes X No

Page # 6 *

Aluminum Cab Guard

Yes X No

Page # 6 *

60" Long Light bar with warning lights (strobes or rotators) work lights Stop lights, tail lights and turn signals

Yes X No

Page # 6 *

* See page 6 OPTION COST SHEET

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.